

# Project Jigifa Endline Survey 2016

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## Identification

### SURVEY ID NUMBER

MLI\_2016\_PJ-EL\_v01\_M

### TITLE

Project Jigifa Endline Survey 2016

### SUBTITLE

Impact Evaluation of an Integrated Nutrition, Malaria Prevention and Parenting Intervention to Improve Nutrition and Early Child Development in Pre-School Children (0-6 Years): A Randomized Controlled Trial

### TRANSLATED TITLE

Evaluation d'Impact d'une Intervention Intégrée de Nutrition, Prévention de Paludisme et Éducation Parentale visant à Améliorer l'État Nutritionnel et Développement des Enfants Préscolaires (0-6 ans) : un Essai Contrôlé Randomisé

### COUNTRY

Name	Country code
Mali	MLI

### STUDY TYPE

Other Household Health Survey [hh/hea]

### SERIES INFORMATION

This impact evaluation consists of baseline and endline surveys. The baseline data is not publicly available. The endline survey was conducted after 3 years of implementation and is documented [here](#).citReq

### ABSTRACT

The objective of the endline surveys in 2016 were to gather household, biomedical, and cognition data in order to evaluate the long-term impact of home supplementation with micronutrient powders (MNP), when combined with seasonal malaria chemoprevention (SMC) and early stimulation, delivered through community preschools and parenting sessions, on the health and cognitive development of children during the first five years of life.

The trial consisted of 3 arms. First, 60 villages with established Early Childhood Development centres (ECD) were randomised to 1 of 2 arms:

- 1) Children living in villages in the ECD control arm received SMC as part of national health programming and a national parenting intervention delivered by ECD center staff trained and supported by Save the Children, with ALL resident children eligible to participate in the interventions irrespective of enrolment in ECD program (ECD Control group).
- 2) Children living in villages in the intervention arm also received the SMC and parenting interventions described above, but additionally were eligible to receive home supplementation with micronutrient powders (MNP intervention arm).
- 3) Second, a third non-randomised arm was recruited comprised of children living in 30 randomly selected villages where there were no ECD centers in place and thus both the parenting interventions and MNPs were absent. These children received SMC only, as part of national health programming (non-ECD comparison arm).

Trial arm and Interventions received:

- T1. MNP intervention arm: 30 villages with ECD centre (randomised); MNP-Yes, Parenting-Yes, SMC-Yes
- C1. ECD control arm: 30 villages with ECD centre (randomised); MNP-No, Parenting-Yes, SMC-Yes
- C2. Non-ECD comparison arm: 30 villages without ECD centre (not randomised); MNP-No, Parenting-No, SMC-Yes

Three cross-sectional endline surveys took place during the period May-August 2016, three years after the original MNP intervention began, and consisted of the following questionnaires and assessments in two age groups of children, 3 year olds and 5 year olds:

- i) A household questionnaire was used to collect data from the primary adult caregiver of the child on home environment, exposure to the interventions, and reported practice outcomes of relevance to the parenting intervention.

ii) Biomedical outcomes were measured in children through laboratory and clinical assessment.

iii) A battery of tests were used to assess cognitive performance and school readiness in children, using a different age-specific test battery for each age group adapted for local language and culture.

Note: Household and cognitive performance data were gathered from participants in all three arms. Biomedical data were only collected from children in the two randomised arms, to evaluate impact of MNP supplementation on anaemia (primary biomedical outcome) in children who received MNPs and those who did not, using a robust study design.

#### KIND OF DATA

Sample survey data [ssd]

#### UNIT OF ANALYSIS

Individuals and communities

## Version

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#### VERSION DESCRIPTION

v02: Edited, anonymised datasets for public distribution

#### VERSION NOTES

The datasets comprise data collected through three distinct surveys which have been merged for analysis. All datasets have been anonymised after merging, through the removal of personal identifying information including names, dates of birth and geolocation data. Data from individual children can be linked using a unique numeric identifier.

## Scope

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#### NOTES

The scope of the endline surveys includes:

Household: Household characteristics collected using caregiver questionnaires conducted with the primary caregiver of the child, including parental age, parental education, language(s) spoken in the home, socio-economic status, and home environment for literacy and maths.

Child: Child-level characteristics on child's exposure to the intervention(s) and parenting practices captured retrospectively via adult caregiver report during the household survey: type of adult-child interactions, child discipline, ECD enrolment and attendance, dietary diversity, nutrition practices, use of malaria prevention (seasonal malaria chemoprevention and insecticide-treated mosquito nets), recent health status and activity levels of child. With an optional module for acceptability and use of MNPs.

Health and nutrition characteristics of children: Haemoglobin concentration; anaemia (the primary outcome), defined as haemoglobin concentration of less than 110g/L; serum ferritin; and malaria infection status. Anthropometric data, including the following derived parameters: height-for-age, weight-for-age and weight-for-height Z score (HAZ, WAZ, and WHZ) with reference to WHO standard population. BMI-for-age was also calculated.

Child development characteristics: Cognitive-linguistic literacy and numeracy-related foundation knowledge and skills, expressive vocabulary, attention, executive functioning, short-term memory, fine and gross motor skills, socio-emotional maturity and other aspects of school-readiness.

#### KEYWORDS

##### Keyword

Randomized Controlled Trial, Health, Nutrition, Home Supplementation, Seasonal Malaria Chemoprevention, Early Stimulation, Early Childhood Development, Mali

## Coverage

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## GEOGRAPHIC COVERAGE

Districts (cercles) of Sikasso and Yorosso, Region of Sikasso

## GEOGRAPHIC UNIT

Districts (cercles)

## UNIVERSE

Random sample of target population for the intervention in the 90 communities that consented to participate in the trial, namely pre-school children 0-6 years.

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
Natalie Roschnik	Save the Children, UK
Sian Clarke	London School of Hygiene & Tropical Medicine, UK

## PRODUCERS

Name	Affiliation	Role
Niéle Hawa Diarra, Philippe Thera, Yahia Dicko, Kalifa Sidibé, Modibo Bamadio	Save the Children International, Sahel Office, Mali	Questionnaire design, design of the cognitive battery, and data collection
Professor Sian Clarke, Dr. Hans Verhoef, Sham Lal, Louise Abela, Karla Smuts	London School of Hygiene & Tropical Medicine, United Kingdom	Trial design, sampling methodology, questionnaire design, design of the cognitive battery, data collection, data processing and data analysis
Rebecca Jones	University College London, London, United Kingdom	Sampling methodology, sample selection, statistics and data analysis
Professor Moussa Sacko, Renion Saye	Institut National de Recherche en Santé Publique (INRSP), Mali	Biomedical data collection, laboratory analysis and data processing
Dr. Yvonne Griffiths	School of Education, University of Leeds, United Kingdom	Design of the cognitive battery, data processing and analysis
Lauren Pisani	Save the Children, United States of America	Design of the cognitive battery, data processing and analysis
Professor Michael Boivin	Michigan State University, United States of America	Design of the cognitive battery, and analysis
Maria Sangaré	Direction Nationale de l'Education Préscolaire et Spéciale, Mali	Design of the cognitive battery
Aissata Traoré	Direction Nationale de l'Education Préscolaire (DNEP), Mali	Design of the cognitive battery
Dr. Hamidou Niangaly	Malaria Research and Training Center, Université de Bamako, Mali	Cost data collection and analysis
Dr. Josselin Thuilliez	Centre d'Economie de Sorbonne, Paris, France	Cost data collection and analysis
Pierre Kamano	The World Bank, Bamako, Mali	Study Task Team Leader who provided national level oversight for the study and links to national priorities

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
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Strategic Impact Evaluation Fund	SIEF	Funded endline surveys, cost data collection and impact evaluation
Save the Children		Funded implementation of the programme and additional survey related costs

## OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
Klaus Kraemer	Sight and Life	Contributing to the design of the MNP nutrition intervention
Roland Kupka	UNICEF	Contributing to the design of the MNP nutrition intervention
Judy McClean	University of British Columbia, Canada	Contributing to the design of the MNP nutrition intervention
Kathy Ho and Fatou Diarrassouba	University of British Columbia, Canada	Conducting qualitative research to inform the design and improvement of the MNP intervention
Fatoumata Dougnon, Mamadou Traoré and Seybou Guindo	Direction Nationale de la Santé (DNS), Division Nutrition	Advised on the development of the intervention and the evaluation surveys
Mouctar Coulibaly	Institut Polytechnique Rural de Formation et de Recherche Appliquée (IPR/IFRA)	Advised on the development of the intervention and the evaluation surveys
Bonaventure Maiga	Ministère de l'éducation	Advised on the development of the intervention and the evaluation surveys
Bore Saran Diakité	Programme National de Lutte contre le Paludisme (PNLP)	Advised on the development of the intervention and the evaluation surveys

## Sampling

### SAMPLING PROCEDURE

The target population for the interventions comprised all children aged 3 months to 6 years, who were resident in the 90 study communities participating in the trial; the primary sampling unit is the individual child.

#### Sample Frame:

To identify the number of target beneficiaries, a complete census of all children of eligible age was carried out in the 90 study villages in August 2013. The census listing from 2013 thus defined the population of children who are eligible to have received the interventions every year for the three years between 2013-2016; and was used as the sampling frame of children in whom the impact after three years of implementation of the interventions was evaluated. The intention was to evaluate study outcomes in the same child one year after the start of the MNP intervention (May 2014) and again after three years of the intervention (2016).

A random sample of children was drawn from all children listed in the census for each community participating in the trial, according to the following age criteria:

Date of Birth, or Age in August 2013 (Age group in 2016 surveys)

- (i) Born between 1 Jan 2013 – 30 June 2013, or aged <1 year in 2013 census if DOB not known (3 years)
- (ii) Born between 1 May 2010 – 30 April 2011, or aged 2 years in census if DOB not known (5 years)

Thus, all children previously randomly selected and enrolled in the evaluation cohort in 2014 were, if still resident in the village and present on the day of the survey, re-surveyed in May 2016.

#### Sample Size:

Power analysis was undertaken for a comparison of two arms, taking account of clustering by community. Survey data on biomedical and cognitive outcomes collected in 2014 were used to inform sample size assumptions, including prevalence of

primary outcomes, intraclass correlation (ICC) and number of children recruited per cluster. Prevalence of anaemia amongst 3-year old children in 2014 was found to be 61.6% and 64.0% in the intervention and control arms respectively ( $p=0.618$ ) and 53.8% and 51.9% respectively amongst 5-year old children ( $p=0.582$ ). The observed ICC for anaemia endpoint at baseline was 0.08 in 3-year old children and 0.06 in 5-year old children. Observed ICC for cognitive outcomes measured in 2014 was 0.09, ranging from 0.05 to 0.16 for individual tasks within the cognitive battery.

#### Sample Size Estimation for Health Outcomes:

Approximately 20-25 children per cluster were recruited into each age cohort in 2013. Power calculations for anaemia (primary endpoint) were undertaken for three alternative scenarios at endline: (i) to allow for the possibility of up to 20% loss to follow up between 2014 and 2016, power calculations were performed for a sample size at endline of 16 children per cluster; (ii) a smaller cluster size of 14 children sampled per village, under a scenario of 30% loss to follow-up; and (iii) unequal clusters, to allow for the possibility that variation in losses to follow-up between villages could result in an unequal number of children sampled in each village. In this case, cluster size is the mean number of children sampled per cluster.

Thus, assuming a conservative prevalence of anaemia of 50% in the control group and ICC of 0.08, a sample size of 30 communities per arm with 14-20 children sampled per community, will under all of these scenarios provide 80% power to detect a reduction in anemia of at least 28% at 5% level of significance.

#### Sample Size Estimation for Cognitive Outcomes:

Power calculations for cognitive outcomes explored: (i) a smaller cluster size of 14 children sampled per village, for example resulting from a higher than expected loss to follow-up of 30%; (ii) statistical analysis of differences between arms which does not adjust for baseline - a scenario which allows for the possibility to increase the sample size to compensate for losses to follow-up by increased recruitment of new children for whom no baseline data would be available; and (iii) effect of unequal clusters. Thus, for cognitive-linguistic skills, a sample size of 30 communities per arm with 14-20 children in each age cohort sampled per community will provide 80% power to detect an effect size between 0.27-0.29 at 5% level of significance, assuming an (ICC) of 0.10 and individual, household and community-level factors account for at least 25% of variation in cognitive foundation skills. Whilst for a similar sample size of 30 communities per arm with 14-20 children sampled per community and ICC of 0.10, a statistical analysis which does not adjust for baseline will provide 80% power to detect an effect size between 0.28-0.30 at 5% level of significance.

The sample at endline in May 2016 thus comprised a total of up to 600 children aged 3y and 600 children aged 5y at endline in each arm:

T1 Intervention group (with ECD): 30 communities, with approx. 40 randomly selected children in each community (20 aged 3y; 20 aged 5y).

C1 ECD control group (with ECD): 30 communities, with approx. 40 randomly selected children in each community (20 aged 3y; 20 aged 5y).

C2 Comparison group (without ECD): 30 communities, with approx. 40 randomly selected children in each community (20 aged 3y; 20 aged 5y).

#### Strategy for Absent Respondents/Not Found/Refusals:

Every effort was made to trace children previously recruited into the evaluation cohort. Since some losses-to-follow-up (for example to due to child deaths, outward migration) were expected between 2014 and 2016, the primary strategy was to oversample in 2014. However, for villages where loss-to-follow-up was higher than expected and it was not possible to trace sufficient number of children remaining from the original sample to meet the required sample size per cluster, additional children were recruited into the evaluation survey in 2016. New recruits were selected at random from the children listed as resident in the village at the time of the original census in 2013. All new recruits had thus been resident in the village and exposed to the interventions throughout the three preceding years.

#### RESPONSE RATE

All analyses will be according to intention-to-treat, and all children will be included in the analysis irrespective of whether they actually received the intervention or not. This approach provides a realistic estimate of the intervention effect in randomized trials, as variation in the level of take up is taken into account in the analysis. As ITT recognizes that take up may be less than 100%, the power calculations and MDE do not need to be adjusted for take-up rates.

## data\_collection

#### DATES OF DATA COLLECTION

Start	End	Cycle
2016-05	2016-08	Endline

## DATA COLLECTION MODE

Face-to-face [f2f]

## SUPERVISION

Following training, enumerators were organised in teams of 6-8 that included a field supervisor from the main research team.

## DATA COLLECTION NOTES

We did not use placebo micronutrient powders, but steps were taken to blind evaluators to the intervention status of communities. Measurement of study outcomes were undertaken using standardized tests by independent field teams unaware of which communities have received the intervention. Biomedical assessments, such as slide microscopy, were likewise performed by technicians blinded to the intervention status of communities, and all outcome data analyzed in London by research staff blinded to intervention status of communities.

Cognitive performance outcomes in children were assessed individually by trained assessors using a standard set of instructions; with assessments conducted in the child's mother tongue. Survey staff undertook 5-8 days of training (parent questionnaire and cognitive assessment in children), including by a period of observed pilot data collection in the field. During the surveys, each team was accompanied and supervised in the field by a member of the IE research staff, throughout the data collection period for cognitive assessments.

Data (parental questionnaire and cognitive assessment in children) were collected electronically, with inbuilt consistency checks and prompts to guide accuracy of the data collection. Biomedical data were quality controlled through double entry data validation; blood slide readings were performed twice by two independent laboratory technicians, and discrepant readings were resolved by a third independent microscopist, blinded to the results of any prior readings.

Data limitations: Finger-prick blood samples were collected from children (since this is more acceptable to local populations than venous blood collection) which limited the volume of blood sampled, and there was insufficient volume to complete all the laboratory tests. Assessment of malaria infection status, haemoglobin concentration and serum ferritin were prioritised. Measurement of inflammatory markers was not performed, limiting the ability of the study to determine the prevalence of iron-deficiency.

The biomedical assessments were originally planned to coincide with the end of the dry season and start of the rains, and the beginning of the next malaria transmission season – and thus measure the maximum impact on anaemia that would be expected to be achieved by the interventions. However due to delays in funding, these assessments took place further into rainy season than initially expected (July-August 2016). The increase in malaria transmission following the onset of the rains may therefore have impacted on the ability of surveys to capture the full impact of the combined interventions on anaemia.

## DATA COLLECTORS

Name
Save the Children, Mali
Institut National de Recherche en Santé Publique, Mali

## questionnaires

## QUESTIONNAIRES

1. Household questionnaire (Form\_Parent\_MaliSIEF\_2016\_french.pdf ; Form\_Parent\_MaliSIEF\_2016\_english.pdf)

The questionnaires for the parent interview were structured questionnaires. A questionnaire was administered to the child's primary caregiver (parent/guardian, or if unavailable other adult in family) in May-June 2016, which collected information on the home environment for each child selected for inclusion in the evaluation surveys. Household characteristics included parental age, parental education, language(s) spoken in the home, socio-economic status, and home environment for literacy and maths. The questionnaire also recorded parental report of the child's exposure to the intervention(s) and parenting practices: type of adult-child interactions, child discipline, ECD enrolment and attendance, dietary diversity, nutrition practices, use of malaria prevention (seasonal malaria chemoprevention and insecticide-treated mosquito nets), recent health status and activity levels of child. With an optional module for acceptability and use of MNPs. Questionnaires

were published in French and Bambara, and administered in the local language (predominantly Bambara, Shenara or Mamara). An English translation is also available. The questionnaire was based on a similar questionnaire previously administered in the same villages in 2014, with some very slight modification.

## 2. Cognitive batteries (FINAL\_3 years\_cognitive\_SIEF 2016\_french\_bambara\_7 June\_final for training.pdf; FINAL\_5 years\_cognitive\_SIEF 2016\_French\_Bambara\_8 June.pdf)

Cognitive performance was assessed using an age-specific battery of cognitive tests in June-July 2016 in both intervention and control communities, to capture cognitive performance and school-readiness at the time of children transitioning into and out of ECD centers (to primary school); at ages 3 and 5 respectively. A battery of tests was developed for each age to assess cognitive-linguistic literacy and numeracy-related foundation knowledge and skills in children aged 3 and 5 years; adapted from existing tests which have previously been used in pre-school children elsewhere. All instruments were adapted for local language and culture, and pre-tested in Mali to confirm their developmental appropriateness for the age group to be tested. The same tests were used in 2014 and 2016.

In the 5-year-old battery, assessments focussed on cognitive-linguistic skills known to predict the ease with which children acquire literacy and numeracy skills at school, including tests of cognitive skills known to be precursors of early literacy skills in alphabetic writing systems, such as the rapid automatised naming (RAN) task and expressive vocabulary; the head-shoulders-knees-toes (HSKT) task to assess executive function, and the digit span test, as a measure of verbal short-term memory. Other core dimensions of school readiness were assessed using a subset of tasks from an early version of the International Development and Early Learning Assessment (IDELA) tool developed by Save the Children to examine differences in early literacy and numeracy skills (concepts about print, oral comprehension, letter and number recognition, basic number concepts); fine and gross motor skills; and socio-emotional development. Task items were selected with an eye to feasibility, cultural and program relevance, and adapted and tested in a variety of settings to ensure appropriateness for a developing country context. See FINAL\_5 years\_cognitive\_SIEF 2016\_French\_Bambara\_8 June.pdf for details

In the 3-year-old battery, assessments focussed on developmental milestones, including gross and fine motor skills, cognitive and spoken language development using a small subset of the tasks used with the 5 year olds. See FINAL\_3 years\_cognitive\_SIEF 2016\_french\_bambara\_7 June\_final for training.pdf for details.

Children were assessed individually by trained assessors using a standard set of instructions which were in French and Bambara. All investigators were instructed to carry out the assessments in the child's mother tongue. At the end of the assessment for each child, field workers recorded any important observations or field notes for subsequent data cleaning. For example, if the child was unwell, struggled to understand instructions and/or maintain attention when completing the tasks during the assessment session.

## 3. Biomedical assessment (Form\_Biomed\_MaliSIEF\_Sikasso\_2016.pdf )

Clinical observations were recorded on a structured questionnaire used during the cross-sectional biomedical surveys carried out in July-August 2016; and fingerprick blood samples collected to measure malaria infection and anaemia. Survey forms were published in French.

Haemoglobin (Hb) concentration was measured using a portable Hemocue photometer; quality control was carried out daily using a standard microcuvette or control blood sample of known Hb concentration. Malaria infection status was determined by light microscopy, performed twice by two independent laboratory technicians. Slides were declared negative after examination of 100 high-power fields. Weights were measured using an electronic scale; and height measured using a stadiometer. Height-for-Age, Weight-for-Age and Weight-for-Height Z scores (HAZ, WAZ and WHZ) were computed with reference to WHO standard population using Anthro (version 3.2.2, 2011).

# data\_processing

## DATA EDITING

Data editing took place at a number of stages throughout the process. Data (parental questionnaire and cognitive assessment in children) were collected electronically using Open Data Kit (ODK) installed on smartphones, with inbuilt consistency checks and prompts to guide the accuracy of the data collection. Biomedical data and laboratory results were recorded on paper forms and quality controlled through double entry data validation. After merging, the data were subject to additional structure checking and completeness, as well as inconsistencies between variables. The data were not edited for missing values.



## data\_appraisal

### DATA APPRAISAL

If there is differential loss in follow-up between groups, this can introduce a risk of participation bias. To check this, the characteristics of children examined in 2014 were compared between two groups of children, (i) those successfully traced and re-examined in 2016, and (ii) those lost-to-follow-up. The characteristics of the two groups were found to be comparable.

## Access policy

### CONTACTS

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Strategic Impact Evaluation Fund	The World Bank Group	siefimpact@worldbank.org
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Lauren Pisani	Save the Children	lpisani@savechildren.org
Renion Saye	Institut National de Recherche en Santé Publique, Mali	srenion@yahoo.fr

### ACCESS CONDITIONS

Public Access

### CITATION REQUIREMENTS

Natalie Roschnik, Save the Children UK; Siân E Clarke, London School of Hygiene & Tropical Medicine; Niélé Hawa Diarra, Philippe Thera, Yahia Dicko, Kalifa Sidibé, Modibo Bamadio, Save the Children International; Moussa Sacko, Renion Saye, Institut National de Recherche en Santé Publique, Mali; Lauren Pisani, Save the Children USA; Yvonne Griffiths, University of Leeds, UK; Michael Boivin, Michigan State University, USA and Josselin Thuilliez, Centre d'Economie de Sorbonne, France. Mali - Project Jigifa Endline Survey 2016, Impact Evaluation of an Integrated Nutrition, Malaria Prevention and Parenting Intervention to Improve Nutrition and Early Child Development in Pre-School Children (0-6 Years): A Randomized Controlled Trial. Ref: MLI\_2016\_PJ-EL\_v01\_M. Dataset downloaded from [insert World Bank microdata URL] on [insert date].

### ACCESS AUTHORITY

Name	Affiliation	Email	URL
Strategic Impact Evaluation Fund	The World Bank Group	siefimpact@worldbank.org	<a href="#">Link</a>
Natalie Roschnik	Save the Children, UK	n.roschnik@savethechildren.org.uk	

### LOCATION OF DATA COLLECTION

World Bank Microdata Library

## Disclaimer and copyrights

### DISCLAIMER

The user of the data acknowledges that the original collectors of the data, the authorized distributor of the data, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

### COPYRIGHT

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## Metadata production

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DDI DOCUMENT ID

DDI\_MLI\_2016\_PJ-EL-v01\_M\_WB

PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank Group	Documentation of the study

DATE OF METADATA PRODUCTION

2023-08-07

DDI DOCUMENT VERSION

Version 01 (August 2023)

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>dataset_biomedanthroparent_malisief_2016_puf_labeled.dta</b> Includes anonymized data from biomedical survey in children, merged with data from household survey with adult caregiver. (for 2 randomized arms: MNP+ECD and ECD control).	2134	89
<b>dataset_cogsrparent_age3_malisief_2016_puf_july23_labeled.dta</b> Includes anonymized data from cognitive assessment in children aged 3 years in 2016, merged with data from household surveys with adult caregiver. (for all 3 arms: MNP+ECD; ECD control; and non-ECD comparison)	1469	284
<b>dataset_cogsrparent_age5_malisief_2016_puf_july23_labeled.dta</b> Includes anonymized data from cognitive and school-readiness assessment in children aged 5 years in 2016, merged with data from household surveys with adult caregiver. (for all 3 arms: MNP+ECD; ECD control; and non-ECD comparison)	1563	445
<b>dataset_cogsrparentbiomed_age3_malisief_2016_puf_july23_labeled.dta</b> Includes anonymized data from cognitive assessment in children aged 3 years in 2016, merged with data from the biomedical survey in children and data from household surveys with adult caregiver. (for 2 randomized arms only: MNP+ECD and ECD control)	1055	319
<b>dataset_cogsrparentbiomed_age5_malisief_2016_puf_july23_labeled.dta</b> Includes anonymized data from cognitive and school-readiness assessment in children aged 5 years in 2016, merged with data from the biomedical survey in children and data from household surveys with adult caregiver. (for 2 randomized arms only: MNP+ECD and ECD control)	1106	480



**Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**

Includes anonymized data from biomedical survey in children, merged with data from household survey with adult caregiver.  
(for 2 randomized arms: MNP+ECD and ECD control).

Cases: 2134

variables: 89

**variables**

ID	Name	Label	Question
V2	datesurvey	Survey date	
V3	childidsief	Unique identifier of child	
V4	studyarm	Ignore - use variable trialarm (which groups villages according to intervention	
V5	cerclename	District name	
V6	communename	Sub district name	
V7	villagename	Village name	
V8	communeubsid	Sub district code	
V9	villageubsid	Village code	
V10	sex	Sex of child	
V11	agegroup	Age group of child in 2016	
V12	age01may14	Age in years on 1st May 2014	
V13	agesurvey	Age in years on date of survey 2016	
V14	agedays	Age in days on date of survey 2016	
V15	haemoglobin	Haemoglobin concentration in g/dL	
V16	ferritin	Serum ferritin measurement	
V17	logferritin	Natural log of serum ferritin measurement	
V18	anaemia	Anaemia, defined as child with Hb <11.0 g/dL	
V19	modsevereanaemia	Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL	
V20	severeanaemia	Severe anaemia, defined as Hb <8.0 g/dL	
V21	malaria	Infected with malaria parasites (any species)	
V22	malariareult	Malaria parasitology	
V23	species	Malaria parasite species	
V24	malariaspecies	Espece	
V25	density	Malaria parasite density (trophozoite count)	
V26	gametocytes	Malaria gametocyte count	
V27	logdensity	Natural log of malaria parasite density	
V28	loggameto	Natural log of malaria gametocyte count	
V29	gameto2cat	Presence/absence of gametocytes in blood	
V30	stunted	Children with a height-for-age Z-score more than 2 standard deviations (SD) below	
V31	underweight	Children with a weight-for-age Z-score more than 2 SD below the mean	
V32	acutemalnutrition	Children with a BMI-for-age Z-score more than 2 SD below the mean	
V33	lowweightheight	Children with a weight-for-height Z-score more than 2 SD below the mean (measure	
V34	weight	Weight of child in kg (average of two measurements)	
V35	height	Height of child in cm (average of two measurements)	
V36	bmi	Body mass index	
V37	weight1	Weight of child in kg (first measurement)	

ID	Name	Label	Question
V38	weight2	Weight of child in kg (second measurement)	
V39	height1	Height of child in cm (first measurement)	
V40	height2	Height of child in cm (second measurement)	
V41	muac	Mid upper arm circumference (MUAC) in cm	
V42	zweightage	Weight-for-age Z-score (WAZ)	
V43	zheightage	Height-for-age Z-score (HAZ)	
V44	zbmiage	BMI-for-age Z-score (BAZ)	
V45	zweightheight	Weight-for-height Z-score (WHZ) (for 3y cohort only)	
V46	dewormed	Has child been dewormed in 2016?	
V47	_agemons	Calculated age in months on date of survey 2016 for deriving z-scores (for 5y co	
V48	childid_2014	Unique identifier for subset of children who were also surveyed in 2014	
V49	matlit	Maternal literacy	
V50	mainlang	Main language spoken in the home (can be used as indicator of ethnicity)	
V51	eccdenrol	Child enrolled in ECD program	
V52	radio	Does anyone in your household own the following... Radio?	
V53	tv	Does anyone in your household own the following... Television?	
V54	moped	Does anyone in your household own the following... Moped or motorbike?	
V55	car	Does anyone in your household own the following... Motor vehicle (tractor, car, lor	
V56	phone	Does anyone in your household own the following... Mobile phone?	
V57	solar	Does anyone in your household own the following... Solar panel?	
V58	cow	Does anyone in your household own the following... Cows (any number)	
V59	goat	Does anyone in your household own the following... Goats and/or sheep (any number)	
V60	horse	Does anyone in your household own the following... Horse?	
V61	cart	Does anyone in your household own the following... Horse-drawn Cart?	
V62	mealsday	Number of meals/snacks eaten per day	
V63	grains	Did your child eat any of the following foods yesterday... Grains: millet, sorghum	
V64	roots	Did your child eat any of the following foods yesterday... Roots: cassava, potato,	
V65	beansnuts	Did your child eat any of the following foods yesterday... Beans and nuts (arachid	
V66	otherveg	Did your child eat any of the following foods yesterday... Other vegetables?	
V67	fruit	Did your child eat any of the following foods yesterday... Fruit?	
V68	meatfish	Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?	
V69	milk	Did your child eat any of the following foods yesterday... Milk?	
V70	eggs	Did your child eat any of the following foods yesterday... Eggs?	
V71	palmoil	Did your child eat any of the following foods yesterday... Palm oil?	
V72	otheroil	Did your child eat any of the following foods yesterday... Other oils and fats?	
V73	limitdiet	Dietary diversity limited by lack of resources	
V74	hungry	Amount of food limited by lack of resources	
V75	attendinfo	Parent attended at least one information session for parents	
V76	smc	Child received SMC (seasonal malaria chemoprevention) during last rainy season	
V77	employ	Main source of revenue for family	
V78	roof	Type of building materials used in construction of roof of family home	
V79	walls	Type of building materials used in construction of walls of family home	
V80	floor	Type of building materials used for floor of family home	
V81	light	Type of lighting used in home	
V82	ITN_lastnight	Use of mosquito net	

ID	Name	Label	Question
V83	mnpadd	Did child ever receive MNPs?	
V84	mnpdays	How many times per week did child receive MNPs	
V85	wealthindex	PCA score using data on household assets, house structure and paid work	
V86	wealth5cat	Overall wealth index divided into five quintiles	
V87	wealth2cat	Binary grouping to identify the poorest households (two lowest quintiles vs rest	
V88	assetsindex	PCA score using data on household assets only	
V89	assets5cat	Household assets index divided into five quintiles	
V90	trialarm	Classifies 60 villages according to intervention received - use for statistical	

total: 89

**Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

Includes anonymized data from cognitive assessment in children aged 3 years in 2016, merged with data from household surveys with adult caregiver. (for all 3 arms: MNP+ECD; ECD control; and non-ECD comparison)

Cases: 1469

variables: 284

**variables**

ID	Name	Label	Question
V91	start_cog	Date and time cognitive assessment started	
V92	cog2016_date	Date of cognitive assessment, eg 2016-06-01	
V93	cog2016_datesurvey	Date of cognitive assessment, eg 01jun2016	
V94	interviewer_id_cog	Unique identifier of Cognitive Assessor	
V95	childidsief	Unique identifier of child	
V96	villagename	Village name	
V97	cerclename	District name	
V98	communename	Sub-district name	
V99	villageubsid	Unique identifier of village	
V100	cercleid	Unique identifier of district	
V101	communeubsid	Unique identifier of sub-district	
V102	ECDvillage	Villages with an ECD pre-school program	
V103	trialarm	Classifies 90 villages according to presence of ECD and/or intervention received	
V104	armblind	Ignore - for analysis use variable trialarm	
V105	agegroup_cog	Age group of child in 2014 surveys	
V106	age_cogtest_months	Age in months at time of cognitive assessment in 2016	
V107	sex_cog	Sex of child	
V108	lang_child_all	Language spoken by the child (Mother tongue)	
V109	lang_assess_all	Language used to speak to the child during cognitive assessment	
V110	langassess_match	Language used during cognitive assessment same as mother tongue	
V111	cogbattery_age	Age-specific test battery used to assess child	
V112	item1_score_tam	Ice-breaker exercise	
V113	item2_score_lavant	Walking forwards along a line	
V114	item2_score_reculon	Walking backwards along a line	
V115	item2_marcher_score_tot	Total test score for 'walking a line'	
V116	item3_score_sauter	Child could hop (at least one hop)	
V117	item3_score_nombre	Number of times that child was able to hop on one foot	
V118	item4_pscorea	Child clapped (practice item)	
V119	item4_pscoreb	Child handed block to assessor (practice item)	
V120	item4_pscorec	Child hopped on one foot (practice item)	
V121	item4_saute_score	Hopped first (test item)	
V122	item4_tape_score	Clapped second (test item)	
V123	item4_bloc_score	Handed block to assessor third (test item)	
V124	item4_score_tot_3yr	Total test score for 'following instructions', calculated as the sum of the three	
V125	item4_review_battery	CHECKPOINT	



ID	Name	Label	Question
V126	item5_gr_cercle	Child correctly identified the largest circle	
V127	item5_pt_cercle	Child correctly identified the smallest circle	
V128	item5_ps_long	Child correctly identified the longest pencil	
V129	item5_ps_court	Child correctly identified the shortest pencil	
V130	item5_score_tot	Total test score for 'sizes and lengths', calculated as the sum of the four test	
V131	item6_score_act	Tracing a circle accurately (following along the circular line)	
V132	item6_score_prise	Grip of pencil	
V133	item6_score_persiste	Did the child show good persistence on the task?	
V134	item6_score_total	Total test score for 'tracing a circle'	
V135	visual_s_3_balloons_final	Number of footballs identified correctly	
V136	visual_s_3_mosquito_final	Number of mosquitoes identified correctly	
V137	visual_s_3_errors_final	Number of non-target items that child also pointed to (errors of commission)	
V138	visualesearch_tot	Total number of all target items (footballs and mosquitoes) correctly identified	
V139	item8_nourriture	Total number of different food items named	
V140	item8_animaux	Total number of different animals named	
V141	expressvocabt	Total number of different food items and animals named; sum of two test items	
V142	item9_review_RAN	CHECKPOINT	
V143	item9_remarques	After RAN completed, record whether the child showed good persistence on the RAN	
V144	ran_3_test1_errors_final	RAN Test 1 - number of errors (wrong name, skipped)	
V145	ran_3_test1_autocorrect_final	RAN Test 1 - number of autocorrections	
V146	ran_3_test1_correct_final	RAN Test 1 - number of images named correctly	
V147	ran1time	RAN Test 1 - time taken to complete test (in seconds)	
V148	ran_3_test2_errors_final	RAN Test 2 - number of errors (wrong name, skipped)	
V149	ran_3_test2_autocorrect_final	RAN Test 2 - number of autocorrections	
V150	ran_3_test2_correct_final	RAN Test 2 - number of images named correctly	
V151	ran2time	RAN Test 2 - time taken to complete test (in seconds)	
V152	ranruntime_tot	Total time taken to complete both tests (in seconds); sum of time taken to compl	
V153	ranerrors_tot	Total number of errors (wrong name, skipped) during RAN; sum of errors made in R	
V154	item10a_ob1	Child examined the test materials with interest and curiosity	
V155	item10a_ob2	Child quickly understood the test instructions	
V156	item10a_ob3	Child paid close attention throughout all the tests	
V157	item10a_ob4	Child was happy/talkative/enjoyed participating in the tests	
V158	item10a_ob5	Child was confident and independent (did not look for mother/caregiver)	
V159	item10a_ob6	Child was shy throughout all the tests	
V160	item10a_ob7	Child refused to speak	
V161	item10a_ob8	Child was distressed/cried throughout the tests	
V162	item10a_ob9	Child was easily distracted during the tests	
V163	item10a_ob10	Child was disruptive and uncooperative during tests	
V164	item10b_ob1	Child was tired or hungry on day of survey	
V165	item10b_ob2	Child was sick on day of survey	
V166	item10b_ob4	Child completely refused to participate in the tests	

ID	Name	Label	Question
V167	item10b_ob5	A translator was used to carry out the tests with the child	
V168	item10b_ob6	Is child currently enrolled in an ECD (pre-school) programme?	
V169	item10b_ob3	Child has a handicap (for example, deaf or mute)	
V170	item10b_ob3_handicap	Description of type of handicap	
V171	interviewer_id_parent	Unique identifier of field worker conducting the interview	
V172	an3_noreside_reason	Records if child was still resident in village in 2016 or not	
V173	an3_noreside_other	Reason interview not completed in 2016	
V174	a8_relation_child	Relationship to child	
V175	a8_relation_child_other	Description of relationship to child	
V176	an4_guardian	N4. Are you the main person responsible for the welfare of this child?	
V177	an5_interview_home	N5. Is interview being done in child's home?	
V178	b2_mum_age	B2. What is the mother's age?	
V179	bn7_mum_attendschool	N7. Has the mother ever attended school?	
V180	b3_mum_edulevel	B3. What is the highest level of education that the mother has completed?	
V181	matlit	B4. Can the child's mother read?	
V182	b6_dad_age	B6. What is the father's age?	
V183	bn8_dad_attendschool	N8. Has the father ever attended school?	
V184	b7_dad_edulevel	B7. What is the highest level of education that the father has completed?	
V185	b8_dad_read	B8. Can the father read?	
V186	b8a_dadread_lang	B8(A). Which languages?	
V187	b8a_dadread_lang_other	Description of other languages father can read (if not Bambara, Shenara or Mamar)	
V188	mainlang	B10. What is the main language spoken at home?	
V189	b10_homelang_main_other	Description of main language spoken in home (if not Bambara, Shenara or Mamara)	
V190	b11_homelang_add	B11. What other languages are spoken at home?	
V191	b11_homelang_add_other	Description of additional language(s) spoken in home (if not Bambara, Shenara or	
V192	b12_child_french	B12. Does your child recognize or speak any words in French?	
V193	bi1_mum_totalchildren	I1. How many children does the mother have at present? (including this child)	
V194	b9_dad_totalchildren	B9. How many children does the father have, in total (include children of co-wiv	
V195	bi2_totalwant	I2. How many children, in total, would you like to have?	
V196	bi4_totalwant_contracep	I4. If there was a method of contraception available at no cost, how many childr	
V197	bi8_children_school	I8. Do you have any children already in school?	
V198	bi9_children_school_total	I9. How many children already in school?	
V199	bi10_children_school_type	I10. Are they in primary or secondary school?	
V200	bi11_pay_prim_sch	I11. How much do you pay in total each year to educate one child at primary scho	
V201	bi12_pay_second_sch	I12. How much do you pay in total each year to educate one child at secondary sc	
V202	bi13_educate_child	I13. Would you like to educate this child when they reach the age to begin prima	
V203	bi14_educate_willpay	I14. How much are you willing to pay each year for the education of this child?	
V204	bi15_educate_need	I15. How much money would you need each year to be able to educate this child?	

ID	Name	Label	Question
V205	b13_complete_prim	B13. Do you expect that your child will complete primary school?	
V206	b14_complete_sec	B14. Do you expect your child will complete secondary school?	
V207	c1a_storybooks	C1. Do you have any of these types of reading materials available in your home...	
V208	c1b_books	C1. Do you have any of these types of reading materials available in your home...	
V209	c1c_newmags	C1. Do you have any of these types of reading materials available in your home...	
V210	c1d_brochures	C1. Do you have any of these types of reading materials available in your home...	
V211	c1e_religious_books	C1. Do you have any of these types of reading materials available in your home...	
V212	c1f_colouring_books	C1. Do you have any of these types of reading materials available in your home...	
V213	c1g_comics	C1. Do you have any of these types of reading materials available in your home...	
V214	c1h_books_other	C1. Do you have any of these types of reading materials available in your home...	
V215	c1h_books_otherdesc	C1. Do you have any of these types of reading materials available in your home...	
V216	c2a_toys_handmade	C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to	
V217	c2c_toys_bought	C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t	
V218	c2d_household_objects	C2. Does s/he play with: Household objects, such as bowls or pots?	
V219	c2e_outside_objects	C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo	
V220	c2f_drawing_writing	C2. Does s/he play with: Materials for drawing or materials for writing?	
V221	c2g_puzzles	C2. Does s/he play with: Puzzles/brain teasers?	
V222	c2h_games_colourshape	C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?	
V223	c2i_games_letters	C2. Does s/he play with: Toys that teach about letters (such as alphabet games,	
V224	c2j_toys_other	C2. Does s/he play with: Others (specify)?	
V225	c2j_toys_otherdesc	C2. Does s/he play with: Description of other types of toys	
V226	c3a_read_books	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V227	c3a_read_books_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V228	c3b_told_stories	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V229	c3b_told_stories_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V230	c3c_songs	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V231	c3c_songs_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V232	c3d_outside_home	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V233	c3d_outside_home_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V234	c3e_played	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	

ID	Name	Label	Question
V235	c3e_played_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V236	c3f_named_objects	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V237	c3f_named_objects_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V238	c3g_drawing	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V239	c3g_drawing_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V240	c3h_teach_new	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V241	c3h_teach_new_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V242	c3i_alphabet	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V243	c3i_alphabet_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V244	c3j_numbers	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V245	c3j_numbers_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V246	c3k_hugged	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V247	c3k_hugged_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V248	c3l_spanked	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V249	c3l_spanked_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V250	c3m_hit	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V251	c3m_hit_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V252	c3n_shouted	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V253	c3n_shouted_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V254	HHread_score	Number of different types of reading materials reported in home	
V255	HHtoys_score	Number of different types of play items reported in home	
V256	HHtotedu_score	Total number of educational objects in home (reading materials and play items)	
V257	stimulation_score	Number of different types of adult-child interactions/activities reported in las	
V258	scold_score	Number of different types of disciplinary actions reported in last seven days	
V259	eccdenrol	D1. Is your child currently enrolled at a preschool or other early learning prog	
V260	d2_ecd_not_enrol_why	D2. Why is your child not enrolled at preschool?	
V261	d2_ecd_not_enrol_why_other	Description of any additional reasons given by parents for not enrolling child i	
V262	d4_ecd_how_long	D4. How long has your child been in this preschool/program?	
V263	d6_ecd_days	D6. In the last week, how many days did he/she go to ECCD?	
V264	e1_roof	E1. What kind of roof does your house have?	

ID	Name	Label	Question
V265	e1_roof_other	Description of other types of roofing materials	
V266	e2_walls	E2. What kind of walls does your house have?	
V267	e2_walls_other	Description of other types of wall materials	
V268	e3_floor	E3. What kind of floor does your house have?	
V269	e3_floor_other	Description of other types of flooring	
V270	e4_light	E4. What is the main source of lighting in your home?	
V271	e4_light_other	Description of other types of lighting	
V272	radio	Does anyone in your household own the following... Radio?	
V273	tv	Does anyone in your household own the following... Television?	
V274	moped	Does anyone in your household own the following... Moped or motorbike?	
V275	car	Does anyone in your household own the following... Motor vehicle (tractor, car, lo	
V276	phone	Does anyone in your household own the following... Mobile phone?	
V277	solar	Does anyone in your household own the following... Solar panel?	
V278	cow	Does anyone in your household own the following... Cows (any number)?	
V279	goat	Does anyone in your household own the following... Goats and/or sheep (any number)	
V280	horse	Does anyone in your household own the following... Horse and/or donkey (any number	
V281	cart	Does anyone in your household own the following... Horse or donkey-drawn Cart?	
V282	e6_livelihood	E6. What is the household's main source of livelihood?	
V283	e6_livelihood_other	Description of other source of income	
V284	e7_mum_paidwork	E7. During the past 7 days, did the mother of the child do any kind of paid work	
V285	e8_dad_paidwork	E8. During the past7 days, did the father of the child do any kind of paid work?	
V286	employ	E6. What is the household's main source of livelihood?	
V287	roof	Type of building materials used in construction of roof of family home	
V288	walls	Type of building materials used in construction of walls of family home	
V289	floor	Type of building materials used for floor of family home	
V290	light	E4. What is the main source of lighting in your home?	
V291	wealthindex	PCA score using data on household assets, house structure and paid work	
V292	wealth5cat	Overall wealth index divided into five quintiles	
V293	wealth2cat	Binary grouping to identify the poorest households (two lowest quintiles vs rest	
V294	assetsindex	PCA score using data on household assets only	
V295	assets5cat	Household assets index divided into five quintiles	
V296	mealsday	N9. How many times did your child eat a meal yesterday (include snacks)?	
V297	grains	Did your child eat any of the following foods yesterday... Grains: millet, sorghum	
V298	roots	Did your child eat any of the following foods yesterday... Roots: cassava, potato,	
V299	beansnuts	Did your child eat any of the following foods yesterday... Beans and nuts (arachid	
V300	otherveg	Did your child eat any of the following foods yesterday... Other vegetables?	
V301	fruit	Did your child eat any of the following foods yesterday... Fruit?	
V302	meatfish	Did your child eat any of the following foods yesterday... Meat, Poultry or Fish?	

ID	Name	Label	Question
V303	milk	Did your child eat any of the following foods yesterday... Milk?	
V304	eggs	Did your child eat any of the following foods yesterday... Eggs?	
V305	palmoil	Did your child eat any of the following foods yesterday... Palm oil?	
V306	otheroil	Did your child eat any of the following foods yesterday... Other oils and fats?	
V307	limitdiet	Dietary diversity limited by lack of resources	
V308	hungry	Amount of food limited by lack of resources	
V309	fg3_wash_hands1	G3. When do you usually wash your hands? Are there any other times?	
V310	fg3_wash_hands2	G3. When do you usually wash your hands? Are there any other times?	
V311	fg3_wash_hands3	G3. When do you usually wash your hands? Are there any other times?	
V312	fg3_wash_hands4	G3. When do you usually wash your hands? Are there any other times?	
V313	fg3_wash_hands5	G3. When do you usually wash your hands? Are there any other times?	
V314	fg3_wash_hands6	G3. When do you usually wash your hands? Are there any other times?	
V315	fg3_wash_hands_other	Description of other times hands are washed	
V316	attendinfo	Parent attended at least one information session for parents	
V317	fn12a_learn4	N13(A). What were the three most important things you learnt during those sessio	
V318	fn12a_learn5	N13(A). What were the three most important things you learnt during those sessio	
V319	fn12a_learn6	N13(A). What were the three most important things you learnt during those sessio	
V320	fn12a_learn7	N13(A). What were the three most important things you learnt during those sessio	
V321	fn12a_learn8	N13(A). What were the three most important things you learnt during those sessio	
V322	fn12a_learn9	N13(A). What were the three most important things you learnt during those sessio	
V323	fn12a_learn10	N13(A). What were the three most important things you learnt during those sessio	
V324	fn12a_learn11	N13(A). What were the three most important things you learnt during those sessio	
V325	fn12a_learn3_other	Description of other things learnt in sessions	
V326	fn13_learn_same_vill	N13. Have you ever shared or discussed what you learnt with anyone else living i	
V327	fn14_learn_diff_vill	N14. Have you ever shared or discussed what you learnt with anyone else in livin	
V328	fg5_mnp_2016	G5. Have you ever added these sachets to your child's food?	
V329	fg6_mnp_2016_freq	G6. On how many days in the last 7 days, were these sachets added to your child'	
V330	fg7_no_mnp_reasons1	G7. The days when the sachet was not added to your child's food, what were the r	
V331	fg7_no_mnp_reasons2	G7. The days when the sachet was not added to your child's food, what were the r	
V332	fg7_no_mnp_reasons3	G7. The days when the sachet was not added to your child's food, what were the r	
V333	fg7_no_mnp_reasons4	G7. The days when the sachet was not added to your child's food, what were the r	
V334	fg7_no_mnp_reasons_other	Description of other reason for not using MNPs	
V335	fn15_mnp_child_like	N15. Does your child like to eat the food with the sachet added?	
V336	fg8_mnp_foodtype1	G8. To what kind of food/type of meals do you add the MNPs to?	

ID	Name	Label	Question
V337	fg8_mnp_foodtype2	G8. To what kind of food/type of meals do you add the MNPs to?	
V338	fg8_mnp_foodtype3	G8. To what kind of food/type of meals do you add the MNPs to?	
V339	fg8_mnp_foodtype4	G8. To what kind of food/type of meals do you add the MNPs to?	
V340	fg8_mnp_foodtype_other	Description of other foods MNPs were added to	
V341	fg10_nomnp_foodtype1	G10. To what kind of foods should the MNPs NOT be added to?	
V342	fg10_nomnp_foodtype2	G10. To what kind of foods should the MNPs NOT be added to?	
V343	fg10_nomnp_foodtype3	G10. To what kind of foods should the MNPs NOT be added to?	
V344	fg10_nomnp_foodtype4	G10. To what kind of foods should the MNPs NOT be added to?	
V345	fg10_nomnp_foodtype_other	Description of other foods that should not be used to give MNPs	
V346	fg11_mnp_difficult	G11. On the whole, do you think that giving your child the MNPs was difficult to	
V347	fg12_mnp_child_changed	G12. Have you noticed any changes in your child since you began giving him/her M	
V348	fg12a_mnp_changes1	12(A). What changes have you noticed?	
V349	fg12a_mnp_changes2	12(A). What changes have you noticed?	
V350	fg12a_mnp_changes3	12(A). What changes have you noticed?	
V351	fg12a_mnp_changes4	12(A). What changes have you noticed?	
V352	fg12a_mnp_changes5	12(A). What changes have you noticed?	
V353	fg12a_mnp_changes_other	Description of other changes seen in child	
V354	fg13b_mnp_treatment	13(B). Did you need to take the child for medical treatment at CSCoM or elsewhere	
V355	fg14_mnp_again	G14. Do you want to give your child MNPs again, when the distribution starts aga	
V356	mnpadd	Did child ever receive MNPs?	
V357	mnpdays	How many times per week did child receive MNPs?	
V358	gf5_net_use	F5. Does your child sleep usually under a bed net?	
V359	gf6_net_lastnight	F6. Did your child sleep under a bed net last night?	
V360	smc	Child received SMC (seasonal malaria chemoprevention) during rainy season 2015	
V361	gf8a_smc_2015_freq	F8(A). How many times did the child receive the tablets?	
V362	gf8a_smc_2015_freq_other	Description of other frequency of SMC	
V363	gn16_smc_effectchild	N16. Do you think the tablets have a good effect or a bad effect on your child's	
V364	gn16a_smc_bad_effect	N16(A). What bad effects have you noticed?	
V365	gf14_smc_again	F14. Do you want your child to receive the tablets when the malaria treatment st	
V366	ITN_lastnight	F6. Did your child sleep under a bed net last night?	
V367	hf3_sick_2wks	F3. Has your child been sick at any time in the last two weeks?	
V368	hf3a_sick_describe	3(A). Describe your child's illness(es)	
V369	hf3a_sick_describe_other	Description of other illness that child experienced	
V370	hh1_play	H1. In the last 7 days, how often has your child been well enough to play with o	
V371	hh2_sleep	H2. In the last 7 days, how well has your child been sleeping?	
V372	hh3_active	H3. In the last 7 days, how often has your child been active/energetic?	
V373	had_parent_2016	Derived variable which confirms that a parent interview was completed in 2016	
V374	at_least_one_survey2014	Derived variable which confirms that child was included in one or more of the cr	

total: 284

**Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

Includes anonymized data from cognitive and school-readiness assessment in children aged 5 years in 2016, merged with data from household surveys with adult caregiver. (for all 3 arms: MNP+ECD; ECD control; and non-ECD comparison)

Cases: 1563

variables: 445

**variables**

ID	Name	Label	Question
V375	start_cog	Date and time cognitive assessment started	
V376	cog2016_date	Date of cognitive assessment in string format	
V377	cog2016_datesurvey	Date of cognitive assessment	
V378	interviewer_id_cog	Unique identifier of cognitive assessor	
V379	childidsief	Unique identifier of child	
V380	villagename	Village name	
V381	cerclename	District name	
V382	communename	Sub-district name	
V383	villageubsid	Unique identifier of village	
V384	cercleid	Unique identifier of district	
V385	communeid	communeid	
V386	communeubsid	Unique identifier of sub-district	
V387	ECDvillage	Villages with an ECD pre-school program	
V388	trialarm	Classifies 90 villages according to presence of ECD and/or intervention received	
V389	armblind	Ignore - for analysis use variable trialarm	
V390	agegroup_cog	Age group of child in 2014 surveys	
V391	age_cogtest_months	Age in months at time of cognitive assessment in 2016	
V392	sex_cog	Sex of child	
V393	lang_child_all	Language spoken by the child (mother tongue)	
V394	lang_assess_all	Language that was used to speak to the child during the cognitive assessment	
V395	langassess_match	Variable created to indicate if cognitive assessment was conducted in child's mo	
V396	n2_child_res_vill	Records if child was still resident in village in 2016 or not	
V397	cogbattery_age	Age related to specific battery of cognitive tests used to assess child	
V398	tamtam_score	Ice-breaker exercise	
V399	sauter_score	Child could hop (at least one hop)	
V400	sauter_nombre	Number of times that child was able to hop on one foot (without putting the othe	
V401	balance1_nombre	The number of seconds a child was able to balance standing on one foot (without	
V402	balance2_nombre	The number of seconds a child was able to balance standing on one foot	
V403	mixed_tape1	1. The child tapped on the table	
V404	mixed_appl1	2. The child applauded (clapped their hands)	
V405	mixed_appl2	3. The child applauded (clapped their hands)	
V406	mixed_tape2	4. The child tapped on the table	
V407	mixed_tape3	5. The child tapped on the table	



ID	Name	Label	Question
V408	mixed_appl3	6. The child applauded (clapped their hands)	
V409	mixed_totalscore	Mixed instructions total score	
V410	mixedtot	Mixed instructions total score (average accounting for missing values)	
V411	cogbattery_abandon	Battery was stopped and the reason noted.	
V412	HSKT_practa1	Practice round A - What do you do when I say «touch your head?»	
V413	HSKT_practa2	What do you do when I say «touch your feet?»	
V414	HSKT_practb1	Practice round B - «Touch your head»	
V415	HSKT_practb2	«Touch your feet»	
V416	HSKT_practb3	«Touch your head»	
V417	HSKT_practb4	«Touch your feet»	
V418	HSKT_test1	Test round: «Touch your head»	
V419	HSKT_test2	«Touch your feet»	
V420	HSKT_test3	«Touch your feet»	
V421	HSKT_test4	«Touch your head»	
V422	HSKT_test5	«Touch your feet»	
V423	HSKT_test6	«Touch your head»	
V424	HSKT_test7	«Touch your head»	
V425	HSKT_test8	«Touch your feet»	
V426	HSKT_test9	«Touch your head»	
V427	HSKT_test10	«Touch your feet»	
V428	HSKT_test11	«Touch your shoulders»	
V429	HSKT_test12	«Touch your knees»	
V430	HSKT_test13	«Touch your knees»	
V431	HSKT_test14	«Touch your shoulders»	
V432	HSKT_test15	«Touch your knees»	
V433	HSKT_test16	«Touch your shoulders»	
V434	HSKT_test17	«Touch your shoulders»	
V435	HSKT_test18	«Touch your knees»	
V436	HSKT_test19	«Touch your shoulders»	
V437	HSKT_test20	«Touch your knees»	
V438	HSKT_persist	The child showed a good level of persistence during the games	
V439	hskttot	Total head shoulders knees and toes score	
V440	personal_1	The child could say their name and surname	
V441	personal_2	The child could correctly identify their sex when asked if they were a boy or a	
V442	personal_3	The child correctly named their village/community/neighbourhood	
V443	personal_4	Connaissance de l'état/du pays	
V444	personal_tot	Personal information total score (Sum of personal_1 - personal_4)	
V445	span_pract5a	Practise round (2 digits): Digit recall correct or incorrect	
V446	span_pract5b	Practise round (2 digits): Digit recall correct or incorrect	
V447	span_pract5c	Practise round (3 digits): Digit recall correct or incorrect	
V448	span_pract5d	Practise round (3 digits): Digit recall correct or incorrect	
V449	span_2digits1	Test round (2 digits): Digit recall correct or incorrect	
V450	span_2digits2	Test round (2 digits): Digit recall correct or incorrect	
V451	span_2digits3	Test round (2 digits): Digit recall correct or incorrect	
V452	span_2digits4	Test round (2 digits): Digit recall correct or incorrect	

ID	Name	Label	Question
V453	span_2digits_stop	Stop the test?	
V454	span_3digits1	Test round (3 digits): Digit recall correct or incorrect	
V455	span_3digits2	Test round (3 digits): Digit recall correct or incorrect	
V456	span_3digits3	Test round (3 digits): Digit recall correct or incorrect	
V457	span_3digits4	Test round (3 digits): Digit recall correct or incorrect	
V458	span_3digits_stop	Stop the test?	
V459	span_4digits1	Test round (4 digits): Digit recall correct or incorrect	
V460	span_4digits2	Test round (4 digits): Digit recall correct or incorrect	
V461	span_4digits3	Test round (4 digits): Digit recall correct or incorrect	
V462	span_4digits4	Test round (4 digits): Digit recall correct or incorrect	
V463	span_4digits_stop	Stop the test?	
V464	span_5digits1	Test round (5 digits): Digit recall correct or incorrect	
V465	span_5digits2	Test round (5 digits): Digit recall correct or incorrect	
V466	span_5digits3	Test round (5 digits): Digit recall correct or incorrect	
V467	span_5digits4	Test round (5 digits): Digit recall correct or incorrect	
V468	span_5digits_stop	Stop the test?	
V469	span_6digits1	Test round (6 digits): Digit recall correct or incorrect	
V470	span_6digits2	Test round (6 digits): Digit recall correct or incorrect	
V471	span_6digits3	Test round (6 digits): Digit recall correct or incorrect	
V472	span_6digits4	Test round (6 digits): Digit recall correct or incorrect	
V473	span_2digits_score	Total score from 2-digit block	
V474	span_3digits_score	Total score from 3-digit block	
V475	span_4digits_score	Total score from 4-digit block	
V476	span_5digits_score	Total score from 5-digit block	
V477	span_6digits_score	Total score from 6-digit block	
V478	spantot	Total forward digit span score (span2+span3+span4+span5+span6)	
V479	vocab_nourriture5	Total number of different foods the child correctly named in 60 seconds	
V480	vocab_animaux5	Total number of different animals the child correctly named in 60 seconds	
V481	expressvocabularytot	Total number of different foods and animals the child correctly named in 60 seco	
V482	visual_s_5_ballons_final	Number of balls correctly identified in the picture sequence (15 ball images in	
V483	visual_s_5_mosquito_final	Number of mosquitos correctly identified in the picture sequence (18 mosquito im	
V484	visual_s_5_errors_final	Errors of omission and commission	
V485	visualesearch_tot	Visual search total points	
V486	ran_5_abandon	Stop the test?	
V487	ran_5_persist	Did the child show a good level of persistence during the task?	
V488	ran_5_test1_errors_final	Number of errors	
V489	ran_5_test1_autocorrect_final	Test 1: Number of autocorrections	
V490	ran_5_test1_correct_final	Test 1: Number of images correctly named in sequence	
V491	ran1time	Total time in seconds taken to complete Test 1	
V492	ran_5_test2_errors_final	Number of errors made in naming images (18 unique values)	
V493	ran_5_test2_autocorrect_final	Number of auto-corrections	
V494	ran_5_test2_correct_final	Number of images named correctly (i.e. right name given and images named in the	
V495	ran2time	Total time in seconds taken to complete Test 2	

ID	Name	Label	Question
V496	ranruntime_tot	Total time taken in seconds to complete test 1 and test 2 (ran1time + ran2time)	
V497	ranerrors_tot	Total number of errors made in naming images during the Test 1 and Test 2	
V498	book_a	(a) Correctly pointed out the book cover	
V499	book_b	(b) Correctly opened the book (the book is the right way around and not upside d	
V500	book_c	(c) Indicated the first word of the sentence	
V501	book_d	(d) Indicated the direction to read or says 'from left to right'	
V502	letters_E	Letter identification - letter E	
V503	letters_K	Letter identification - letter K	
V504	letters_T	Letter identification - letter T	
V505	letters_B	Letter identification - letter B	
V506	letters_A	Letter identification - letter A	
V507	letters_I	Letter identification - letter I	
V508	letters_M	Letter identification - letter M	
V509	letters_R	Letter identification - letter R	
V510	letters_U	Letter identification - letter U	
V511	letters_O	Letter identification - letter O	
V512	letters_review_instruction	The test was stopped if the child correctly identified 3 letters or less	
V513	letters_P	Letter identification - letter P	
V514	letters_C	Letter identification - letter C	
V515	letters_W	Letter identification - letter W	
V516	letters_Y	Letter identification - letter Y	
V517	letters_H	Letter identification - letter H	
V518	letters_S	Letter identification - letter S	
V519	letters_V	Letter identification - letter V	
V520	letters_G	Letter identification - letter G	
V521	letters_Z	Letter identification - letter Z	
V522	letters_N	Letter identification - letter N	
V523	define_1score	Precisely described a banana	
V524	define_2score	Precisely described a chair	
V525	define_3score	Precisely described a house	
V526	define_total	Total score. Sum of (define_1score - define_3score)	
V527	draw_1	Head drawn	
V528	draw_2	Trunk drawn	
V529	draw_3	Recognisable arms drawn	
V530	draw_4	Recognisable legs drawn	
V531	draw_5	Recognisable hands or feet drawn	
V532	draw_6	One recognisable facial characteristic (eyes, mouth, nose, or ears) drawn	
V533	draw_7	Child drew at least one other recognisable facial characteristic (eyes, mouth, n	
V534	draw_grip	The child had good pencil grip (safe/mature grip)	
V535	draw_persist	The child showed persistence while drawing	
V536	draw_tot	Total drawing a human figure score	
V537	circle_score	The child was asked to trace over the image of a circle which was already on the	
V538	circle_grip	The child had good pencil grip (safe/mature)	

ID	Name	Label	Question
V539	circle_persist	The child showed persistence (tried for a long time) to trace the circle	
V540	circle_tot	«Tracing the circle» total score	
V541	story_q1	Oral comprehension - Q1	
V542	story_q2	Oral comprehension - Q2	
V543	story_q3	Oral comprehension - Q3	
V544	story_q4	Oral comprehension - Q4	
V545	story_q5	Oral comprehension - Q5	
V546	story_q6	Oral comprehension - Q6	
V547	story_q7	Oral comprehension - Q7	
V548	story_q8	Oral comprehension - Q8	
V549	story_tot	Total score for oral comprehension test (Sum of story_q1 - story_q8)	
V550	numbers_4	Number identification and expression - Number 4	
V551	numbers_2	Number identification and expression - Number 2	
V552	numbers_10	Number identification and expression - Number 10	
V553	numbers_5	Number identification and expression - Number 5	
V554	numbers_7	Number identification and expression - Number 7	
V555	numbers_6	Number identification and expression - Number 6	
V556	numbers_9	Number identification and expression - Number 9	
V557	numbers_8	Number identification and expression - Number 8	
V558	numbers_3	Number identification and expression - Number 3	
V559	numbers_1	Number identification and expression - Number 1	
V560	numbers_review_instruction	The test was stopped if the child correctly identified 3 numbers or less, and th	
V561	numbers_13	Number identification and expression - Number 13	
V562	numbers_14	Number identification and expression - Number 14	
V563	numbers_17	Number identification and expression - Number 17	
V564	numbers_19	Number identification and expression - Number 19	
V565	numbers_16	Number identification and expression - Number 16	
V566	numbers_15	Number identification and expression - Number 15	
V567	numbers_18	Number identification and expression - Number 18	
V568	numbers_11	Number identification and expression - Number 11	
V569	numbers_12	Number identification and expression - Number 12	
V570	numbers_20	Number identification and expression - Number 20	
V571	quantity_3	Child gave the correct 3 items to the investigator within 10 seconds	
V572	quantity_7	Child gave the correct 7 items to the investigator within 10 seconds	
V573	quantity_15	Child gave the correct 15 items to the investigator within 10 seconds	
V574	quantity_persist	The child showed persistence in counting	
V575	quantity_tot	Total score in choosing the correct objects	
V576	math_1	Correctly added 2 to 3	
V577	math_2	Correctly added 2 plus 2 bicycles	
V578	math_3	Correctly subtracted 1 from 3 tomatoes	
V579	math_tot	Total addition and subtraction score	
V580	size_grand	The child correctly showed the biggest circle	
V581	size_petit	The child correctly showed the smallest circle	
V582	size_long	The child correctly showed the longest crayon	
V583	size_short	The child correctly showed the shortest crayon	

ID	Name	Label	Question
V584	size_5_tot	Total 'sizes and length' score	
V585	shapes_1	The child correctly identified the following shapes: Circle	
V586	shapes_2	The child correctly identified the following shapes: Rectangle	
V587	shapes_3	The child correctly identified the following shapes: Triangle	
V588	shapes_4	The child correctly identified the following shapes: Square	
V589	shapes_5	The child correctly identified something in their house which is shaped like a c	
V590	shapes_tot	Total score in identifying shapes	
V591	pattern_correct	The child correctly completed the bead pattern of a necklace	
V592	conflict_1	The child gave an appropriate answer to resolve the conflict (in a picture)	
V593	conflict_2	Second appropriate answer given to resolve the conflict	
V594	conflict_tot	Sum of scores (conflict_1 + conflict_2)	
V595	empathy_1	How do you think the girl feels at this moment?	
V596	empathy_2	What would you do to stop the girl from crying and to make her feel better?	
V597	empathy_3	Anything else you could do?	
V598	empathy_tot	Sum of (empathy_1 + empathy_2 + empathy_3)	
V599	item10a_ob1	The child could follow the material with interest and curiosity	
V600	item10a_ob2	The child understood the instructions quickly	
V601	item10a_ob3	The child concentrated well throughout the tests	
V602	item10a_ob4	The child was happy/chatty/loved participating in the tests	
V603	item10a_ob5	The child was confident and independent (wasn't looking for their mother or guar	
V604	item10a_ob6	The child was shy throughout their attempts	
V605	item10a_ob7	The child refused to speak	
V606	item10a_ob8	The child was distressed/cried throughout the tests	
V607	item10a_ob9	The child was easily distracted during the tests	
V608	item10a_ob10	The child was disruptive and nor cooperative during the tests	
V609	item10b_ob1	The child was tired or hungry on the day of the assessment	
V610	item10b_ob2	The child was sick on the day of the assessment	
V611	item10b_ob4	The child completed refused to do the tests	
V612	item10b_ob5	A translator was used to do the tests with the child	
V613	item10b_ob6	Is the child enrolled in a preschool (kinder garden)?	
V614	item10b_ob3	The child had a disability (for example couldn't hear or speak)	
V615	item10b_ob3_handicap	Description of disability	
V616	interviewer_id_parent	Unique identifier of field worker conducting the interview	
V617	an3_noreside_reason	Records if child was still resident in village in 2016 or not	
V618	an3_noreside_other	Reason interview not completed in 2016	
V619	a8_relation_child	Relationship to child	
V620	a8_relation_child_other	Description of relationship to child	
V621	an4_guardian	N4. Are you the main person responsible for the welfare of this child?	
V622	an5_interview_home	N5. Is interview being done in child's home?	
V623	b2_mum_age	B2. What is the mother's age?	
V624	bn7_mum_attendschool	N7. Has the mother ever attended school?	
V625	b3_mum_edulevel	B3. What is the highest level of education that the mother has completed?	
V626	matlit	B4. Can the child's mother read?	
V627	b6_dad_age	B6. What is the father's age?	

ID	Name	Label	Question
V628	bn8_dad_attendschool	N8. Has the father ever attended school?	
V629	b7_dad_edulevel	B7. What is the highest level of education that the father has completed?	
V630	b8_dad_read	B8. Can the father read?	
V631	b8a_dadread_lang	B8(A). Which languages?	
V632	b8a_dadread_lang_other	Description of other languages father can read (if not Bambara, Shenara or Mamar	
V633	mainlang	B10. What is the main language spoken at home?	
V634	b10_homelang_main_other	Description of main language spoken in home (if not Bambara, Shenara or Mamara)	
V635	b11_homelang_add	B11. What other languages are spoken at home?	
V636	b11_homelang_add_other	Description of additional language(s) spoken in home (if not Bambara, Shenara or	
V637	b12_child_french	B12. Does your child recognize or speak any words in French?	
V638	bi1_mum_totalchildren	I1. How many children does the mother have at present? (including this child)	
V639	b9_dad_totalchildren	B9. How many children does the father have, in total (include children of co-wiv	
V640	bi2_totalwant	I2. How many children, in total, would you like to have?	
V641	bi4_totalwant_contracep	I4. If there was a method of contraception available at no cost, how many childr	
V642	bi8_children_school	I8. Do you have any children already in school?	
V643	bi9_children_school_total	I9. How many children already in school?	
V644	bi10_children_school_type	I10. Are they in primary or secondary school?	
V645	bi11_pay_prim_sch	I11. How much do you pay in total each year to educate one child at primary scho	
V646	bi12_pay_second_sch	I12. How much do you pay in total each year to educate one child at secondary sc	
V647	bi13_educate_child	I13. Would you like to educate this child when they reach the age to begin prima	
V648	bi14_educate_willpay	I14. How much are you willing to pay each year for the education of this child?	
V649	bi15_educate_need	I15. How much money would you need each year to be able to educate this child?	
V650	b13_complete_prim	B13. Do you expect that your child will complete primary school?	
V651	b14_complete_sec	B14. Do you expect your child will complete secondary school?	
V652	c1a_storybooks	C1. Do you have any of these types of reading materials available in your home...	
V653	c1b_books	C1. Do you have any of these types of reading materials available in your home...	
V654	c1c_newmags	C1. Do you have any of these types of reading materials available in your home...	
V655	c1d_brochures	C1. Do you have any of these types of reading materials available in your home...	
V656	c1e_religious_books	C1. Do you have any of these types of reading materials available in your home...	
V657	c1f_colouring_books	C1. Do you have any of these types of reading materials available in your home...	
V658	c1g_comics	C1. Do you have any of these types of reading materials available in your home...	
V659	c1h_books_other	C1. Do you have any of these types of reading materials available in your home...	

ID	Name	Label	Question
V660	c1h_books_otherdesc	C1. Do you have any of these types of reading materials available in your home...	
V661	c2a_toys_handmade	C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to	
V662	c2c_toys_bought	C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t	
V663	c2d_household_objects	C2. Does s/he play with: Household objects, such as bowls or pots?	
V664	c2e_outside_objects	C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo	
V665	c2f_drawing_writing	C2. Does s/he play with: Materials for drawing or materials for writing?	
V666	c2g_puzzles	C2. Does s/he play with: Puzzles/brain teasers?	
V667	c2h_games_colourshape	C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?	
V668	c2i_games_letters	C2. Does s/he play with: Toys that teach about letters (such as alphabet games,	
V669	c2j_toys_other	C2. Does s/he play with: Others (specify)?	
V670	c2j_toys_otherdesc	C2. Does s/he play with: Description of other types of toys	
V671	c3a_read_books	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V672	c3a_read_books_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V673	c3b_told_stories	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V674	c3b_told_stories_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V675	c3c_songs	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V676	c3c_songs_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V677	c3d_outside_home	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V678	c3d_outside_home_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V679	c3e_played	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V680	c3e_played_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V681	c3f_named_objects	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V682	c3f_named_objects_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V683	c3g_drawing	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V684	c3g_drawing_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V685	c3h_teach_new	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V686	c3h_teach_new_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V687	c3i_alphabet	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V688	c3i_alphabet_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	

ID	Name	Label	Question
V689	c3j_numbers	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V690	c3j_numbers_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V691	c3k_hugged	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V692	c3k_hugged_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V693	c3l_spanked	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V694	c3l_spanked_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V695	c3m_hit	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V696	c3m_hit_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V697	c3n_shouted	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V698	c3n_shouted_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V699	HHread_score	Number of different types of reading materials reported in home	
V700	HHtoys_score	Number of different types of play items reported in home	
V701	HHtotedu_score	Total number of educational objects in home (reading materials and play items)	
V702	stimulation_score	Number of different types of adult-child interactions/activities reported in las	
V703	scold_score	Number of different types of disciplinary actions reported in last seven days	
V704	eccdenrol	D1. Is your child currently enrolled at a preschool or other early learning prog	
V705	d2_ecd_not_enrol_why	D2. Why is your child not enrolled at preschool?	
V706	d2_ecd_not_enrol_why_other	Description of any additional reasons given by parents for not enrolling child i	
V707	d4_ecd_how_long	D4. How long has your child been in this preschool/program?	
V708	d6_ecd_days	D6. In the last week, how many days did he/she go to ECCD?	
V709	e1_roof	E1. What kind of roof does your house have?	
V710	e1_roof_other	Description of other types of roofing materials	
V711	e2_walls	E2. What kind of walls does your house have?	
V712	e2_walls_other	Description of other types of wall materials	
V713	e3_floor	E3. What kind of floor does your house have?	
V714	e3_floor_other	Description of other types of flooring	
V715	e4_light	E4. What is the main source of lighting in your home?	
V716	e4_light_other	Description of other types of lighting	
V717	radio	Does anyone in your household own the following... Radio?	
V718	tv	Does anyone in your household own the following... Television?	
V719	moped	Does anyone in your household own the following... Moped or motorbike?	
V720	car	Does anyone in your household own the following... Motor vehicle (tractor, car, lo	
V721	phone	Does anyone in your household own the following... Mobile phone?	
V722	solar	Does anyone in your household own the following... Solar panel?	
V723	cow	Does anyone in your household own the following... Cows (any number)?	



ID	Name	Label	Question
V724	goat	Does anyone in your household own the following... Goats and/or sheep (any number)	
V725	horse	Does anyone in your household own the following... Horse and/or donkey (any number)	
V726	cart	Does anyone in your household own the following... Horse or donkey-drawn Cart?	
V727	e6_livelihood	E6. What is the household's main source of livelihood?	
V728	e6_livelihood_other	Description of other source of income	
V729	e7_mum_paidwork	E7. During the past 7 days, did the mother of the child do any kind of paid work	
V730	e8_dad_paidwork	E8. During the past 7 days, did the father of the child do any kind of paid work?	
V731	employ	E6. What is the household's main source of livelihood?	
V732	roof	Type of building materials used in construction of roof of family home	
V733	walls	Type of building materials used in construction of walls of family home	
V734	floor	Type of building materials used for floor of family home	
V735	light	E4. What is the main source of lighting in your home?	
V736	wealthindex	PCA score using data on household assets, house structure and paid work	
V737	wealth5cat	Overall wealth index divided into five quintiles	
V738	wealth2cat	Binary grouping to identify the poorest households (two lowest quintiles vs rest)	
V739	assetsindex	PCA score using data on household assets only	
V740	assets5cat	Household assets index divided into five quintiles	
V741	mealsday	N9. How many times did your child eat a meal yesterday (include snacks)?	
V742	grains	Did your child eat any of the following foods yesterday... Grains: millet, sorghum	
V743	roots	Did your child eat any of the following foods yesterday... Roots: cassava, potato,	
V744	beansnuts	Did your child eat any of the following foods yesterday... Beans and nuts (arachid	
V745	otherveg	Did your child eat any of the following foods yesterday... Other vegetables?	
V746	fruit	Did your child eat any of the following foods yesterday... Fruit?	
V747	meatfish	Did your child eat any of the following foods yesterday... Meat, Poultry or Fish?	
V748	milk	Did your child eat any of the following foods yesterday... Milk?	
V749	eggs	Did your child eat any of the following foods yesterday... Eggs?	
V750	palmoil	Did your child eat any of the following foods yesterday... Palm oil?	
V751	otheroil	Did your child eat any of the following foods yesterday... Other oils and fats?	
V752	limitdiet	Dietary diversity limited by lack of resources	
V753	hungry	Amount of food limited by lack of resources	
V754	fg3_wash_hands1	G3. When do you usually wash your hands? Are there any other times?	
V755	fg3_wash_hands2	G3. When do you usually wash your hands? Are there any other times?	
V756	fg3_wash_hands3	G3. When do you usually wash your hands? Are there any other times?	
V757	fg3_wash_hands4	G3. When do you usually wash your hands? Are there any other times?	
V758	fg3_wash_hands5	G3. When do you usually wash your hands? Are there any other times?	
V759	fg3_wash_hands6	G3. When do you usually wash your hands? Are there any other times?	
V760	fg3_wash_hands_other	Description of other times hands are washed	
V761	attendinfo	Parent attended at least one information session for parents	

ID	Name	Label	Question
V762	fn12a_learn4	N13(A). What were the three most important things you learnt during those sessio	
V763	fn12a_learn5	N13(A). What were the three most important things you learnt during those sessio	
V764	fn12a_learn6	N13(A). What were the three most important things you learnt during those sessio	
V765	fn12a_learn7	N13(A). What were the three most important things you learnt during those sessio	
V766	fn12a_learn8	N13(A). What were the three most important things you learnt during those sessio	
V767	fn12a_learn9	N13(A). What were the three most important things you learnt during those sessio	
V768	fn12a_learn10	N13(A). What were the three most important things you learnt during those sessio	
V769	fn12a_learn11	N13(A). What were the three most important things you learnt during those sessio	
V770	fn12a_learn3_other	Description of other things learnt in sessions	
V771	fn13_learn_same_vill	N13. Have you ever shared or discussed what you learnt with anyone else living i	
V772	fn14_learn_diff_vill	N14. Have you ever shared or discussed what you learnt with anyone else in livin	
V773	fg5_mnp_2016	G5. Have you ever added these sachets to your child's food?	
V774	fg6_mnp_2016_freq	G6. On how many days in the last 7 days, were these sachets added to your child'	
V775	fg7_no_mnp_reasons1	G7. The days when the sachet was not added to your child's food, what were the r	
V776	fg7_no_mnp_reasons2	G7. The days when the sachet was not added to your child's food, what were the r	
V777	fg7_no_mnp_reasons3	G7. The days when the sachet was not added to your child's food, what were the r	
V778	fg7_no_mnp_reasons4	G7. The days when the sachet was not added to your child's food, what were the r	
V779	fg7_no_mnp_reasons_other	Description of other reason for not using MNPs	
V780	fn15_mnp_child_like	N15. Does your child like to eat the food with the sachet added?	
V781	fg8_mnp_foodtype1	G8. To what kind of food/type of meals do you add the MNPs to?	
V782	fg8_mnp_foodtype2	G8. To what kind of food/type of meals do you add the MNPs to?	
V783	fg8_mnp_foodtype3	G8. To what kind of food/type of meals do you add the MNPs to?	
V784	fg8_mnp_foodtype4	G8. To what kind of food/type of meals do you add the MNPs to?	
V785	fg8_mnp_foodtype_other	Description of other foods MNPs were added to	
V786	fg10_nomnp_foodtype1	G10. To what kind of foods should the MNPs NOT be added to?	
V787	fg10_nomnp_foodtype2	G10. To what kind of foods should the MNPs NOT be added to?	
V788	fg10_nomnp_foodtype3	G10. To what kind of foods should the MNPs NOT be added to?	
V789	fg10_nomnp_foodtype4	G10. To what kind of foods should the MNPs NOT be added to?	
V790	fg10_nomnp_foodtype_other	Description of other foods that should not be used to give MNPs	
V791	fg11_mnp_difficult	G11. On the whole, do you think that giving your child the MNPs was difficult to	
V792	fg12_mnp_child_changed	G12. Have you noticed any changes in your child since you began giving him/her M	
V793	fg12a_mnp_changes1	12(A). What changes have you noticed?	
V794	fg12a_mnp_changes2	12(A). What changes have you noticed?	
V795	fg12a_mnp_changes3	12(A). What changes have you noticed?	

ID	Name	Label	Question
V796	fg12a_mnp_changes4	12(A). What changes have you noticed?	
V797	fg12a_mnp_changes5	12(A). What changes have you noticed?	
V798	fg12a_mnp_changes_other	Description of other changes seen in child	
V799	fg13b_mnp_treatment	13(B). Did you need to take the child for medical treatment at CSCoM or elsewhere	
V800	fg14_mnp_again	G14. Do you want to give your child MNPs again, when the distribution starts aga	
V801	mnpadd	Did child ever receive MNPs?	
V802	mnpdays	How many times per week did child receive MNPs?	
V803	gf5_net_use	F5. Does your child sleep usually under a bed net?	
V804	gf6_net_lastnight	F6. Did your child sleep under a bed net last night?	
V805	smc	Child received SMC (seasonal malaria chemoprevention) during rainy season 2015	
V806	gf8a_smc_2015_freq	F8(A). How many times did the child receive the tablets?	
V807	gf8a_smc_2015_freq_other	Description of other frequency of SMC	
V808	gn16_smc_effectchild	N16. Do you think the tablets have a good effect or a bad effect on your child's	
V809	gn16a_smc_bad_effect	N16(A). What bad effects have you noticed?	
V810	gf14_smc_again	F14. Do you want your child to receive the tablets when the malaria treatment st	
V811	ITN_lastnight	F6. Did your child sleep under a bed net last night?	
V812	hf3_sick_2wks	F3. Has your child been sick at any time in the last two weeks?	
V813	hf3a_sick_describe	3(A). Describe your child's illness(es)	
V814	hf3a_sick_describe_other	Description of other illness that child experienced	
V815	hh1_play	H1. In the last 7 days, how often has your child been well enough to play with o	
V816	hh2_sleep	H2. In the last 7 days, how well has your child been sleeping?	
V817	hh3_active	H3. In the last 7 days, how often has your child been active/energetic?	
V818	had_parent_2016	Derived variable which confirms that a parent interview was completed in 2016	
V819	at_least_one_survey2014	Derived variable which confirms that child was included in one or more of the cr	

total: 445

**Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

Includes anonymized data from cognitive assessment in children aged 3 years in 2016, merged with data from the biomedical survey in children and data from household surveys with adult caregiver. (for 2 randomized arms only: MNP+ECD and ECD control)

Cases: 1055

variables: 319

**variables**

ID	Name	Label	Question
V820	start_cog	Date and time cognitive assessment started	
V821	cog2016_date	Date of cognitive assessment, eg 2016-06-01	
V822	cog2016_datesurvey	Date of cognitive assessment, eg 01jun2016	
V823	interviewer_id_cog	Unique identifier of Cognitive Assessor	
V824	childidsief	Unique identifier of child	
V825	villagename	Village name	
V826	cerclename	District name	
V827	communename	Sub district name	
V828	villageubsid	Village code	
V829	cercleid	Unique identifier of district	
V830	communeubsid	Sub district code	
V831	ECDvillage	Villages with an ECD pre-school program	
V832	trialarm	Classifies 60 villages according to intervention received – use for statistical	
V833	armblind	Ignore – for analysis use variable trialarm	
V834	agegroup_cog	Age group of child in 2016	
V835	age_cogtest_months	Age in months at time of cognitive assessment in 2016	
V836	sex_cog	Sex of child	
V837	lang_child_all	Language spoken by the child (Mother tongue)	
V838	lang_assess_all	Language used to speak to the child during cognitive assessment	
V839	langassess_match	Language used during cognitive assessment same as mother tongue	
V840	cogbattery_age	Age-specific test battery used to assess child	
V841	item1_score_tam	Ice-breaker exercise	
V842	item2_score_lavant	Walking forwards along a line	
V843	item2_score_reculon	Walking backwards along a line	
V844	item2_marcher_score_tot	Total test score for 'walking a line'	
V845	item3_score_sauter	Child could hop (at least one hop)	
V846	item3_score_nombre	Number of times that child was able to hop on one foot	
V847	item4_pscorea	Child clapped (practice item)	
V848	item4_pscoreb	Child handed block to assessor (practice item)	
V849	item4_pscorec	Child hopped on one foot (practice item)	
V850	item4_saute_score	Hopped first (test item)	
V851	item4_tape_score	Clapped second (test item)	
V852	item4_bloc_score	Handed block to assessor third (test item)	
V853	item4_score_tot_3yr	Total test score for 'following instructions', calculated as the sum of the three	
V854	item4_review_battery	CHECKPOINT	

ID	Name	Label	Question
V855	item5_gr_cercle	Child correctly identified the largest circle	
V856	item5_pt_cercle	Child correctly identified the smallest circle	
V857	item5_ps_long	Child correctly identified the longest pencil	
V858	item5_ps_court	Child correctly identified the shortest pencil	
V859	item5_score_tot	Total test score for 'sizes and lengths', calculated as the sum of the four test	
V860	item6_score_act	Tracing a circle accurately (following along the circular line)	
V861	item6_score_prise	Grip of pencil	
V862	item6_score_persiste	Did the child show good persistence on the task?	
V863	item6_score_total	Total test score for 'tracing a circle'	
V864	visual_s_3_balloons_final	Number of footballs identified correctly	
V865	visual_s_3_mosquito_final	Number of mosquitoes identified correctly	
V866	visual_s_3_errors_final	Number of non-target items that child also pointed to (errors of commission)	
V867	visualsearch_tot	Total number of all target items (footballs and mosquitoes) correctly identified	
V868	item8_nourriture	Total number of different food items named	
V869	item8_animaux	Total number of different animals named	
V870	expressvocabt	Total number of different food items and animals named; sum of two test items	
V871	item9_review_RAN	CHECKPOINT	
V872	item9_remarques	After RAN completed, record whether the child showed good persistence on the RAN	
V873	ran_3_test1_errors_final	RAN Test 1 - number of errors (wrong name, skipped)	
V874	ran_3_test1_autocorrect_final	RAN Test 1 - number of autocorrections	
V875	ran_3_test1_correct_final	RAN Test 1 - number of images named correctly	
V876	ran1time	RAN Test 1 - time taken to complete test (in seconds)	
V877	ran_3_test2_errors_final	RAN Test 2 - number of errors (wrong name, skipped)	
V878	ran_3_test2_autocorrect_final	RAN Test 2 - number of autocorrections	
V879	ran_3_test2_correct_final	RAN Test 2 - number of images named correctly	
V880	ran2time	RAN Test 2 - time taken to complete test (in seconds)	
V881	rantime_tot	Total time taken to complete both tests (in seconds); sum of time taken to compl	
V882	ranerrors_tot	Total number of errors (wrong name, skipped) during RAN; sum of errors made in R	
V883	item10a_ob1	Child examined the test materials with interest and curiosity	
V884	item10a_ob2	Child quickly understood the test instructions	
V885	item10a_ob3	Child paid close attention throughout all the tests	
V886	item10a_ob4	Child was happy/talkative/enjoyed participating in the tests	
V887	item10a_ob5	Child was confident and independent (did not look for mother/caregiver)	
V888	item10a_ob6	Child was shy throughout all the tests	
V889	item10a_ob7	Child refused to speak	
V890	item10a_ob8	Child was distressed/cried throughout the tests	
V891	item10a_ob9	Child was easily distracted during the tests	
V892	item10a_ob10	Child was disruptive and uncooperative during tests	
V893	item10b_ob1	Child was tired or hungry on day of survey	
V894	item10b_ob2	Child was sick on day of survey	
V895	item10b_ob4	Child completely refused to participate in the tests	

ID	Name	Label	Question
V896	item10b_ob5	A translator was used to carry out the tests with the child	
V897	item10b_ob6	Is child currently enrolled in an ECD (pre-school) programme?	
V898	item10b_ob3	Child has a handicap (for example, deaf or mute)	
V899	item10b_ob3_handicap	Description of type of handicap	
V900	interviewer_id_parent	Unique identifier of field worker conducting the interview	
V901	an3_noreside_reason	Records if child was still resident in village in 2016 or not	
V902	an3_noreside_other	Reason interview not completed in 2016	
V903	a8_relation_child	Relationship to child	
V904	a8_relation_child_other	Description of relationship to child	
V905	an4_guardian	N4. Are you the main person responsible for the welfare of this child?	
V906	an5_interview_home	N5. Is interview being done in child's home?	
V907	b2_mum_age	B2. What is the mother's age?	
V908	bn7_mum_attendschool	N7. Has the mother ever attended school?	
V909	b3_mum_edulevel	B3. What is the highest level of education that the mother has completed?	
V910	matlit	Maternal literacy	
V911	b6_dad_age	B6. What is the father's age?	
V912	bn8_dad_attendschool	N8. Has the father ever attended school?	
V913	b7_dad_edulevel	B7. What is the highest level of education that the father has completed?	
V914	b8_dad_read	B8. Can the father read?	
V915	b8a_dadread_lang	B8(A). Which languages?	
V916	b8a_dadread_lang_other	Description of other languages father can read (if not Bambara, Shenara or Mamar)	
V917	mainlang	Main language spoken in the home (can be used as indicator of ethnicity)	
V918	b10_homelang_main_other	Description of main language spoken in home (if not Bambara, Shenara or Mamara)	
V919	b11_homelang_add	B11. What other languages are spoken at home?	
V920	b11_homelang_add_other	Description of additional language(s) spoken in home (if not Bambara, Shenara or	
V921	b12_child_french	B12. Does your child recognize or speak any words in French?	
V922	bi1_mum_totalchildren	I1. How many children does the mother have at present? (including this child)	
V923	b9_dad_totalchildren	B9. How many children does the father have, in total (include children of co-wiv	
V924	bi2_totalwant	I2. How many children, in total, would you like to have?	
V925	bi4_totalwant_contracep	I4. If there was a method of contraception available at no cost, how many childr	
V926	bi8_children_school	I8. Do you have any children already in school?	
V927	bi9_children_school_total	I9. How many children already in school?	
V928	bi10_children_school_type	I10. Are they in primary or secondary school?	
V929	bi11_pay_prim_sch	I11. How much do you pay in total each year to educate one child at primary scho	
V930	bi12_pay_second_sch	I12. How much do you pay in total each year to educate one child at secondary sc	
V931	bi13_educate_child	I13. Would you like to educate this child when they reach the age to begin prima	
V932	bi14_educate_willpay	I14. How much are you willing to pay each year for the education of this child?	
V933	bi15_educate_need	I15. How much money would you need each year to be able to educate this child?	

ID	Name	Label	Question
V934	b13_complete_prim	B13. Do you expect that your child will complete primary school?	
V935	b14_complete_sec	B14. Do you expect your child will complete secondary school?	
V936	c1a_storybooks	C1. Do you have any of these types of reading materials available in your home...	
V937	c1b_books	C1. Do you have any of these types of reading materials available in your home...	
V938	c1c_newmags	C1. Do you have any of these types of reading materials available in your home...	
V939	c1d_brochures	C1. Do you have any of these types of reading materials available in your home...	
V940	c1e_religious_books	C1. Do you have any of these types of reading materials available in your home...	
V941	c1f_colouring_books	C1. Do you have any of these types of reading materials available in your home...	
V942	c1g_comics	C1. Do you have any of these types of reading materials available in your home...	
V943	c1h_books_other	C1. Do you have any of these types of reading materials available in your home...	
V944	c1h_books_otherdesc	C1. Do you have any of these types of reading materials available in your home...	
V945	c2a_toys_handmade	C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to	
V946	c2c_toys_bought	C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t	
V947	c2d_household_objects	C2. Does s/he play with: Household objects, such as bowls or pots?	
V948	c2e_outside_objects	C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo	
V949	c2f_drawing_writing	C2. Does s/he play with: Materials for drawing or materials for writing?	
V950	c2g_puzzles	C2. Does s/he play with: Puzzles/brain teasers?	
V951	c2h_games_colourshape	C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?	
V952	c2i_games_letters	C2. Does s/he play with: Toys that teach about letters (such as alphabet games,	
V953	c2j_toys_other	C2. Does s/he play with: Others (specify)?	
V954	c2j_toys_otherdesc	C2. Does s/he play with: Description of other types of toys	
V955	c3a_read_books	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V956	c3a_read_books_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V957	c3b_told_stories	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V958	c3b_told_stories_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V959	c3c_songs	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V960	c3c_songs_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V961	c3d_outside_home	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V962	c3d_outside_home_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V963	c3e_played	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	

ID	Name	Label	Question
V964	c3e_played_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V965	c3f_named_objects	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V966	c3f_named_objects_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V967	c3g_drawing	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V968	c3g_drawing_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V969	c3h_teach_new	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V970	c3h_teach_new_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V971	c3i_alphabet	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V972	c3i_alphabet_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V973	c3j_numbers	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V974	c3j_numbers_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V975	c3k_hugged	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V976	c3k_hugged_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V977	c3l_spanked	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V978	c3l_spanked_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V979	c3m_hit	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V980	c3m_hit_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V981	c3n_shouted	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V982	c3n_shouted_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V983	HHread_score	Number of different types of reading materials reported in home	
V984	HHtoys_score	Number of different types of play items reported in home	
V985	HHtotedu_score	Total number of educational objects in home (reading materials and play items)	
V986	stimulation_score	Number of different types of adult-child interactions/activities reported in las	
V987	scold_score	Number of different types of disciplinary actions reported in last seven days	
V988	eccdenrol	Child enrolled in ECD program	
V989	d2_ecd_not_enrol_why	D2. Why is your child not enrolled at preschool?	
V990	d2_ecd_not_enrol_why_other	Description of any additional reasons given by parents for not enrolling child i	
V991	d4_ecd_how_long	D4. How long has your child been in this preschool/program?	
V992	d6_ecd_days	D6. In the last week, how many days did he/she go to ECCD?	
V993	e1_roof	E1. What kind of roof does your house have?	



ID	Name	Label	Question
V994	e1_roof_other	Description of other types of roofing materials	
V995	e2_walls	E2. What kind of walls does your house have?	
V996	e2_walls_other	Description of other types of wall materials	
V997	e3_floor	E3. What kind of floor does your house have?	
V998	e3_floor_other	Description of other types of flooring	
V999	e4_light	E4. What is the main source of lighting in your home?	
V1000	e4_light_other	Description of other types of lighting	
V1001	radio	Does anyone in your household own the following... Radio?	
V1002	tv	Does anyone in your household own the following... Television?	
V1003	moped	Does anyone in your household own the following... Moped or motorbike?	
V1004	car	Does anyone in your household own the following... Motor vehicle (tractor, car, lor	
V1005	phone	Does anyone in your household own the following... Mobile phone?	
V1006	solar	Does anyone in your household own the following... Solar panel?	
V1007	cow	Does anyone in your household own the following... Cows (any number)	
V1008	goat	Does anyone in your household own the following... Goats and/or sheep (any number)	
V1009	horse	Does anyone in your household own the following... Horse?	
V1010	cart	Does anyone in your household own the following... Horse-drawn Cart?	
V1011	e6_livelihood	E6. What is the household's main source of livelihood?	
V1012	e6_livelihood_other	Description of other source of income	
V1013	e7_mum_paidwork	E7. During the past 7 days, did the mother of the child do any kind of paid work	
V1014	e8_dad_paidwork	E8. During the past7 days, did the father of the child do any kind of paid work?	
V1015	employ	Main source of revenue for family	
V1016	roof	Type of building materials used in construction of roof of family home	
V1017	walls	Type of building materials used in construction of walls of family home	
V1018	floor	Type of building materials used for floor of family home	
V1019	light	Type of lighting used in home	
V1020	wealthindex	PCA score using data on household assets, house structure and paid work	
V1021	wealth5cat	Overall wealth index divided into five quintiles	
V1022	wealth2cat	Binary grouping to identify the poorest households (two lowest quintiles vs rest	
V1023	assetsindex	PCA score using data on household assets only	
V1024	assets5cat	Household assets index divided into five quintiles	
V1025	mealsday	Number of meals/snacks eaten per day	
V1026	grains	Did your child eat any of the following foods yesterday... Grains: millet, sorghum	
V1027	roots	Did your child eat any of the following foods yesterday... Roots: cassava, potato,	
V1028	beansnuts	Did your child eat any of the following foods yesterday... Beans and nuts (arachid	
V1029	otherveg	Did your child eat any of the following foods yesterday... Other vegetables?	
V1030	fruit	Did your child eat any of the following foods yesterday... Fruit?	
V1031	meatfish	Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?	
V1032	milk	Did your child eat any of the following foods yesterday... Milk?	

ID	Name	Label	Question
V1033	eggs	Did your child eat any of the following foods yesterday... Eggs?	
V1034	palmoil	Did your child eat any of the following foods yesterday... Palm oil?	
V1035	otheroil	Did your child eat any of the following foods yesterday... Other oils and fats?	
V1036	limitdiet	Dietary diversity limited by lack of resources	
V1037	hungry	Amount of food limited by lack of resources	
V1038	fg3_wash_hands1	G3. When do you usually wash your hands? Are there any other times?	
V1039	fg3_wash_hands2	G3. When do you usually wash your hands? Are there any other times?	
V1040	fg3_wash_hands3	G3. When do you usually wash your hands? Are there any other times?	
V1041	fg3_wash_hands4	G3. When do you usually wash your hands? Are there any other times?	
V1042	fg3_wash_hands5	G3. When do you usually wash your hands? Are there any other times?	
V1043	fg3_wash_hands6	G3. When do you usually wash your hands? Are there any other times?	
V1044	fg3_wash_hands_other	Description of other times hands are washed	
V1045	attendinfo	Parent attended at least one information session for parents	
V1046	fn12a_learn4	N13(A). What were the three most important things you learnt during those sessio	
V1047	fn12a_learn5	N13(A). What were the three most important things you learnt during those sessio	
V1048	fn12a_learn6	N13(A). What were the three most important things you learnt during those sessio	
V1049	fn12a_learn7	N13(A). What were the three most important things you learnt during those sessio	
V1050	fn12a_learn8	N13(A). What were the three most important things you learnt during those sessio	
V1051	fn12a_learn9	N13(A). What were the three most important things you learnt during those sessio	
V1052	fn12a_learn10	N13(A). What were the three most important things you learnt during those sessio	
V1053	fn12a_learn11	N13(A). What were the three most important things you learnt during those sessio	
V1054	fn12a_learn3_other	Description of other things learnt in sessions	
V1055	fn13_learn_same_vill	N13. Have you ever shared or discussed what you learnt with anyone else living i	
V1056	fn14_learn_diff_vill	N14. Have you ever shared or discussed what you learnt with anyone else in livin	
V1057	fg5_mnp_2016	G5. Have you ever added these sachets to your child's food?	
V1058	fg6_mnp_2016_freq	G6. On how many days in the last 7 days, were these sachets added to your child'	
V1059	fg7_no_mnp_reasons1	G7. The days when the sachet was not added to your child's food, what were the r	
V1060	fg7_no_mnp_reasons2	G7. The days when the sachet was not added to your child's food, what were the r	
V1061	fg7_no_mnp_reasons3	G7. The days when the sachet was not added to your child's food, what were the r	
V1062	fg7_no_mnp_reasons4	G7. The days when the sachet was not added to your child's food, what were the r	
V1063	fg7_no_mnp_reasons_other	Description of other reason for not using MNPs	
V1064	fn15_mnp_child_like	N15. Does your child like to eat the food with the sachet added?	
V1065	fg8_mnp_foodtype1	G8. To what kind of food/type of meals do you add the MNPs to?	
V1066	fg8_mnp_foodtype2	G8. To what kind of food/type of meals do you add the MNPs to?	

ID	Name	Label	Question
V1067	fg8_mnp_foodtype3	G8. To what kind of food/type of meals do you add the MNPs to?	
V1068	fg8_mnp_foodtype4	G8. To what kind of food/type of meals do you add the MNPs to?	
V1069	fg8_mnp_foodtype_other	Description of other foods MNPs were added to	
V1070	fg10_nomnp_foodtype1	G10. To what kind of foods should the MNPs NOT be added to?	
V1071	fg10_nomnp_foodtype2	G10. To what kind of foods should the MNPs NOT be added to?	
V1072	fg10_nomnp_foodtype3	G10. To what kind of foods should the MNPs NOT be added to?	
V1073	fg10_nomnp_foodtype4	G10. To what kind of foods should the MNPs NOT be added to?	
V1074	fg10_nomnp_foodtype_other	Description of other foods that should not be used to give MNPs	
V1075	fg11_mnp_difficult	G11. On the whole, do you think that giving your child the MNPs was difficult to	
V1076	fg12_mnp_child_changed	G12. Have you noticed any changes in your child since you began giving him/her M	
V1077	fg12a_mnp_changes1	12(A). What changes have you noticed?	
V1078	fg12a_mnp_changes2	12(A). What changes have you noticed?	
V1079	fg12a_mnp_changes3	12(A). What changes have you noticed?	
V1080	fg12a_mnp_changes4	12(A). What changes have you noticed?	
V1081	fg12a_mnp_changes5	12(A). What changes have you noticed?	
V1082	fg12a_mnp_changes_other	Description of other changes seen in child	
V1083	fg13b_mnp_treatment	13(B). Did you need to take the child for medical treatment at CSCom or elsewhere	
V1084	fg14_mnp_again	G14. Do you want to give your child MNPs again, when the distribution starts aga	
V1085	mnpadd	Did child ever receive MNPs?	
V1086	mnpdays	How many times per week did child receive MNPs	
V1087	gf5_net_use	F5. Does your child sleep usually under a bed net?	
V1088	gf6_net_lastnight	F6. Did your child sleep under a bed net last night?	
V1089	smc	Child received SMC (seasonal malaria chemoprevention) during last rainy season	
V1090	gf8a_smc_2015_freq	F8(A). How many times did the child receive the tablets?	
V1091	gf8a_smc_2015_freq_other	Description of other frequency of SMC	
V1092	gn16_smc_effectchild	N16. Do you think the tablets have a good effect or a bad effect on your child's	
V1093	gn16a_smc_bad_effect	N16(A). What bad effects have you noticed?	
V1094	gf14_smc_again	F14. Do you want your child to receive the tablets when the malaria treatment st	
V1095	ITN_lastnight	Use of mosquito net	
V1096	hf3_sick_2wks	F3. Has your child been sick at any time in the last two weeks?	
V1097	hf3a_sick_describe	3(A). Describe your child's illness(es)	
V1098	hf3a_sick_describe_other	Description of other illness that child experienced	
V1099	hh1_play	H1. In the last 7 days, how often has your child been well enough to play with o	
V1100	hh2_sleep	H2. In the last 7 days, how well has your child been sleeping?	
V1101	hh3_active	H3. In the last 7 days, how often has your child been active/energetic?	
V1102	had_parent_2016	Derived variable which confirms that a parent interview was completed in 2016	
V1103	at_least_one_survey2014	Derived variable which confirms that child was included in one or more of the cr	
V1104	datesurvey_biomed	Survey date	
V1105	agesurvey_biomed	Age in years on date of survey 2016	

ID	Name	Label	Question
V1106	agedays_biomed	Age in days on date of survey 2016	
V1107	haemoglobin	Haemoglobin concentration in g/dL	
V1108	ferritin	Serum ferritin measurement	
V1109	logferritin	Natural log of serum ferritin measurement	
V1110	anaemia	Anaemia, defined as child with Hb <11.0 g/dL	
V1111	modsevereanaemia	Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL	
V1112	severeanaemia	Severe anaemia, defined as Hb <8.0 g/dL	
V1113	malaria	Infected with malaria parasites (any species)	
V1114	malariareresult	Malaria parasitology	
V1115	species	Malaria parasite species	
V1116	malariaspecies	Espece	
V1117	density	Malaria parasite density (trophozoite count)	
V1118	gametocytes	Malaria gametocyte count	
V1119	logdensity	Natural log of malaria parasite density	
V1120	loggameto	Natural log of malaria gametocyte count	
V1121	gameto2cat	Presence/absence of gametocytes in blood	
V1122	stunted	Children with a height-for-age Z-score more than 2 standard deviations (SD) below	
V1123	underweight	Children with a weight-for-age Z-score more than 2 SD below the mean	
V1124	acutemalnutrition	Children with a BMI-for-age Z-score more than 2 SD below the mean	
V1125	lowweightheight	Children with a weight-for-height Z-score more than 2 SD below the mean (measure	
V1126	weight	Weight of child in kg (average of two measurements)	
V1127	height	Height of child in cm (average of two measurements)	
V1128	bmi	Body mass index	
V1129	weight1	Weight of child in kg (first measurement)	
V1130	weight2	Weight of child in kg (second measurement)	
V1131	height1	Height of child in cm (first measurement)	
V1132	height2	Height of child in cm (second measurement)	
V1133	muac	Mid upper arm circumference (MUAC) in cm	
V1134	zweightage	Weight-for-age Z-score (WAZ)	
V1135	zheightage	Height-for-age Z-score (HAZ)	
V1136	zbmiage	BMI-for-age Z-score (BAZ)	
V1137	zweightheight	Weight-for-height Z-score (WHZ) (for 3y cohort only)	
V1138	agemons_biomed	Calculated age in months for deriving z scores	

total: 319

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

Includes anonymized data from cognitive and school-readiness assessment in children aged 5 years in 2016, merged with data from the biomedical survey in children and data from household surveys with adult caregiver. (for 2 randomized arms only: MNP+ECD and ECD control)

Cases: 1106

variables: 480

**variables**

ID	Name	Label	Question
V1139	start_cog	Date and time cognitive assessment started	
V1140	cog2016_date	Date of cognitive assessment in string format	
V1141	cog2016_datesurvey	Date of cognitive assessment	
V1142	interviewer_id_cog	Unique identifier of cognitive assessor	
V1143	childidsief	Unique identifier of child	
V1144	villagename	Village name	
V1145	cerclename	District name	
V1146	communename	Sub district name	
V1147	villageubsid	Village code	
V1148	cercleid	Unique identifier of district	
V1149	communeid	communeid	
V1150	communeubsid	Sub district code	
V1151	ECDvillage	Villages with an ECD pre-school program	
V1152	trialarm	Classifies 60 villages according to intervention received - use for statistical	
V1153	armblind	Ignore - for analysis use variable trialarm	
V1154	agegroup_cog	Age group of child in 2016	
V1155	age_cogtest_months	Age in months at time of cognitive assessment in 2016	
V1156	sex_cog	Sex of child	
V1157	lang_child_all	Language spoken by the child (mother tongue)	
V1158	lang_assess_all	Language that was used to speak to the child during the cognitive assessment	
V1159	langassess_match	Variable created to indicate if cognitive assessment was conducted in child's mo	
V1160	n2_child_res_vill	Records if child was still resident in village in 2016 or not	
V1161	cogbattery_age	Age related to specific battery of cognitive tests used to assess child	
V1162	tamtam_score	Ice-breaker exercise	
V1163	sauter_score	Child could hop (at least one hop)	
V1164	sauter_nombre	Number of times that child was able to hop on one foot (without putting the othe	
V1165	balance1_nombre	The number of seconds a child was able to balance standing on one foot (without	
V1166	balance2_nombre	The number of seconds a child was able to balance standing on one foot	
V1167	mixed_tape1	1. The child tapped on the table	
V1168	mixed_appl1	2. The child applauded (clapped their hands)	
V1169	mixed_appl2	3. The child applauded (clapped their hands)	
V1170	mixed_tape2	4. The child tapped on the table	
V1171	mixed_tape3	5. The child tapped on the table	

ID	Name	Label	Question
V1172	mixed_appl3	6. The child applauded (clapped their hands)	
V1173	mixed_totalscore	Mixed instructions total score	
V1174	mixedtot	Mixed instructions total score (average accounting for missing values)	
V1175	cogbattery_abandon	Battery was stopped and the reason noted.	
V1176	HSKT_practa1	Practice round A - What do you do when I say «touch your head?»	
V1177	HSKT_practa2	What do you do when I say «touch your feet?»	
V1178	HSKT_practb1	Practice round B - «Touch your head»	
V1179	HSKT_practb2	«Touch your feet»	
V1180	HSKT_practb3	«Touch your head»	
V1181	HSKT_practb4	«Touch your feet»	
V1182	HSKT_test1	Test round: «Touch your head»	
V1183	HSKT_test2	«Touch your feet»	
V1184	HSKT_test3	«Touch your feet»	
V1185	HSKT_test4	«Touch your head»	
V1186	HSKT_test5	«Touch your feet»	
V1187	HSKT_test6	«Touch your head»	
V1188	HSKT_test7	«Touch your head»	
V1189	HSKT_test8	«Touch your feet»	
V1190	HSKT_test9	«Touch your head»	
V1191	HSKT_test10	«Touch your feet»	
V1192	HSKT_test11	«Touch your shoulders»	
V1193	HSKT_test12	«Touch your knees»	
V1194	HSKT_test13	«Touch your knees»	
V1195	HSKT_test14	«Touch your shoulders»	
V1196	HSKT_test15	«Touch your knees»	
V1197	HSKT_test16	«Touch your shoulders»	
V1198	HSKT_test17	«Touch your shoulders»	
V1199	HSKT_test18	«Touch your knees»	
V1200	HSKT_test19	«Touch your shoulders»	
V1201	HSKT_test20	«Touch your knees»	
V1202	HSKT_persist	The child showed a good level of persistence during the games	
V1203	hskttot	Total head shoulders knees and toes score	
V1204	personal_1	The child could say their name and surname	
V1205	personal_2	The child could correctly identify their sex when asked if they were a boy or a	
V1206	personal_3	The child correctly named their village/community/neighbourhood	
V1207	personal_4	Connaissance de l'état/du pays	
V1208	personal_tot	Personal information total score (Sum of personal_1 – personal_4)	
V1209	span_pract5a	Practise round (2 digits): Digit recall correct or incorrect	
V1210	span_pract5b	Practise round (2 digits): Digit recall correct or incorrect	
V1211	span_pract5c	Practise round (3 digits): Digit recall correct or incorrect	
V1212	span_pract5d	Practise round (3 digits): Digit recall correct or incorrect	
V1213	span_2digits1	Test round (2 digits): Digit recall correct or incorrect	
V1214	span_2digits2	Test round (2 digits): Digit recall correct or incorrect	
V1215	span_2digits3	Test round (2 digits): Digit recall correct or incorrect	
V1216	span_2digits4	Test round (2 digits): Digit recall correct or incorrect	

ID	Name	Label	Question
V1217	span_2digits_stop	Stop the test?	
V1218	span_3digits1	Test round (3 digits): Digit recall correct or incorrect	
V1219	span_3digits2	Test round (3 digits): Digit recall correct or incorrect	
V1220	span_3digits3	Test round (3 digits): Digit recall correct or incorrect	
V1221	span_3digits4	Test round (3 digits): Digit recall correct or incorrect	
V1222	span_3digits_stop	Stop the test?	
V1223	span_4digits1	Test round (4 digits): Digit recall correct or incorrect	
V1224	span_4digits2	Test round (4 digits): Digit recall correct or incorrect	
V1225	span_4digits3	Test round (4 digits): Digit recall correct or incorrect	
V1226	span_4digits4	Test round (4 digits): Digit recall correct or incorrect	
V1227	span_4digits_stop	Stop the test?	
V1228	span_5digits1	Test round (5 digits): Digit recall correct or incorrect	
V1229	span_5digits2	Test round (5 digits): Digit recall correct or incorrect	
V1230	span_5digits3	Test round (5 digits): Digit recall correct or incorrect	
V1231	span_5digits4	Test round (5 digits): Digit recall correct or incorrect	
V1232	span_5digits_stop	Stop the test?	
V1233	span_6digits1	Test round (6 digits): Digit recall correct or incorrect	
V1234	span_6digits2	Test round (6 digits): Digit recall correct or incorrect	
V1235	span_6digits3	Test round (6 digits): Digit recall correct or incorrect	
V1236	span_6digits4	Test round (6 digits): Digit recall correct or incorrect	
V1237	span_2digits_score	Total score from 2-digit block	
V1238	span_3digits_score	Total score from 3-digit block	
V1239	span_4digits_score	Total score from 4-digit block	
V1240	span_5digits_score	Total score from 5-digit block	
V1241	span_6digits_score	Total score from 6-digit block	
V1242	spantot	Total forward digit span score (span2+span3+span4+span5+span6)	
V1243	vocab_nourriture5	Total number of different foods the child correctly named in 60 seconds	
V1244	vocab_animaux5	Total number of different animals the child correctly named in 60 seconds	
V1245	expressvocabularytot	Total number of different foods and animals the child correctly named in 60 seco	
V1246	visual_s_5_ballons_final	Number of balls correctly identified in the picture sequence (15 ball images in	
V1247	visual_s_5_mosquito_final	Number of mosquitos correctly identified in the picture sequence (18 mosquito im	
V1248	visual_s_5_errors_final	Errors of omission and commission	
V1249	visualesearch_tot	Visual search total points	
V1250	ran_5_abandon	Stop the test?	
V1251	ran_5_persist	Did the child show a good level of persistence during the task?	
V1252	ran_5_test1_errors_final	Number of errors	
V1253	ran_5_test1_autocorrect_final	Test 1: Number of autocorrections	
V1254	ran_5_test1_correct_final	Test 1: Number of images correctly named in sequence	
V1255	ran1time	Total time in seconds taken to complete Test 1	
V1256	ran_5_test2_errors_final	Number of errors made in naming images (18 unique values)	
V1257	ran_5_test2_autocorrect_final	Number of auto-corrections	
V1258	ran_5_test2_correct_final	Number of images named correctly (i.e. right name given and images named in the	
V1259	ran2time	Total time in seconds taken to complete Test 2	

ID	Name	Label	Question
V1260	ranruntime_tot	Total time taken in seconds to complete test 1 and test 2 (ran1time + ran2time)	
V1261	ranerrors_tot	Total number of errors made in naming images during the Test 1 and Test 2	
V1262	book_a	(a) Correctly pointed out the book cover	
V1263	book_b	(b) Correctly opened the book (the book is the right way around and not upside d	
V1264	book_c	(c) Indicated the first word of the sentence	
V1265	book_d	(d) Indicated the direction to read or says 'from left to right'	
V1266	letters_E	Letter identification - letter E	
V1267	letters_K	Letter identification - letter K	
V1268	letters_T	Letter identification - letter T	
V1269	letters_B	Letter identification - letter B	
V1270	letters_A	Letter identification - letter A	
V1271	letters_I	Letter identification - letter I	
V1272	letters_M	Letter identification - letter M	
V1273	letters_R	Letter identification - letter R	
V1274	letters_U	Letter identification - letter U	
V1275	letters_O	Letter identification - letter O	
V1276	letters_review_instruction	The test was stopped if the child correctly identified 3 letters or less	
V1277	letters_P	Letter identification - letter P	
V1278	letters_C	Letter identification - letter C	
V1279	letters_W	Letter identification - letter W	
V1280	letters_Y	Letter identification - letter Y	
V1281	letters_H	Letter identification - letter H	
V1282	letters_S	Letter identification - letter S	
V1283	letters_V	Letter identification - letter V	
V1284	letters_G	Letter identification - letter G	
V1285	letters_Z	Letter identification - letter Z	
V1286	letters_N	Letter identification - letter N	
V1287	define_1score	Precisely described a banana	
V1288	define_2score	Precisely described a chair	
V1289	define_3score	Precisely described a house	
V1290	define_total	Total score. Sum of (define_1score - define_3score)	
V1291	draw_1	Head drawn	
V1292	draw_2	Trunk drawn	
V1293	draw_3	Recognisable arms drawn	
V1294	draw_4	Recognisable legs drawn	
V1295	draw_5	Recognisable hands or feet drawn	
V1296	draw_6	One recognisable facial characteristic (eyes, mouth, nose, or ears) drawn	
V1297	draw_7	Child drew at least one other recognisable facial characteristic (eyes, mouth, n	
V1298	draw_grip	The child had good pencil grip (safe/mature grip)	
V1299	draw_persist	The child showed persistence while drawing	
V1300	draw_tot	Total drawing a human figure score	
V1301	circle_score	The child was asked to trace over the image of a circle which was already on the	



ID	Name	Label	Question
V1302	circle_grip	The child had good pencil grip (safe/mature)	
V1303	circle_persist	The child showed persistence (tried for a long time) to trace the circle	
V1304	circle_tot	«Tracing the circle» total score	
V1305	story_q1	Oral comprehension - Q1	
V1306	story_q2	Oral comprehension - Q2	
V1307	story_q3	Oral comprehension - Q3	
V1308	story_q4	Oral comprehension - Q4	
V1309	story_q5	Oral comprehension - Q5	
V1310	story_q6	Oral comprehension - Q6	
V1311	story_q7	Oral comprehension - Q7	
V1312	story_q8	Oral comprehension - Q8	
V1313	story_tot	Total score for oral comprehension test (Sum of story_q1 - story_q8)	
V1314	numbers_4	Number identification and expression - Number 4	
V1315	numbers_2	Number identification and expression - Number 2	
V1316	numbers_10	Number identification and expression - Number 10	
V1317	numbers_5	Number identification and expression - Number 5	
V1318	numbers_7	Number identification and expression - Number 7	
V1319	numbers_6	Number identification and expression - Number 6	
V1320	numbers_9	Number identification and expression - Number 9	
V1321	numbers_8	Number identification and expression - Number 8	
V1322	numbers_3	Number identification and expression - Number 3	
V1323	numbers_1	Number identification and expression - Number 1	
V1324	numbers_review_instruction	The test was stopped if the child correctly identified 3 numbers or less, and th	
V1325	numbers_13	Number identification and expression - Number 13	
V1326	numbers_14	Number identification and expression - Number 14	
V1327	numbers_17	Number identification and expression - Number 17	
V1328	numbers_19	Number identification and expression - Number 19	
V1329	numbers_16	Number identification and expression - Number 16	
V1330	numbers_15	Number identification and expression - Number 15	
V1331	numbers_18	Number identification and expression - Number 18	
V1332	numbers_11	Number identification and expression - Number 11	
V1333	numbers_12	Number identification and expression - Number 12	
V1334	numbers_20	Number identification and expression - Number 20	
V1335	quantity_3	Child gave the correct 3 items to the investigator within 10 seconds	
V1336	quantity_7	Child gave the correct 7 items to the investigator within 10 seconds	
V1337	quantity_15	Child gave the correct 15 items to the investigator within 10 seconds	
V1338	quantity_persist	The child showed persistence in counting	
V1339	quantity_tot	Total score in choosing the correct objects	
V1340	math_1	Correctly added 2 to 3	
V1341	math_2	Correctly added 2 plus 2 bicycles	
V1342	math_3	Correctly subtracted 1 from 3 tomatoes	
V1343	math_tot	Total addition and subtraction score	
V1344	size_grand	The child correctly showed the biggest circle	
V1345	size_petit	The child correctly showed the smallest circle	
V1346	size_long	The child correctly showed the longest crayon	

ID	Name	Label	Question
V1347	size_short	The child correctly showed the shortest crayon	
V1348	size_5_tot	Total 'sizes and length' score	
V1349	shapes_1	The child correctly identified the following shapes: Circle	
V1350	shapes_2	The child correctly identified the following shapes: Rectangle	
V1351	shapes_3	The child correctly identified the following shapes: Triangle	
V1352	shapes_4	The child correctly identified the following shapes: Square	
V1353	shapes_5	The child correctly identified something in their house which is shaped like a c	
V1354	shapes_tot	Total score in identifying shapes	
V1355	pattern_correct	The child correctly completed the bead pattern of a necklace	
V1356	conflict_1	The child gave an appropriate answer to resolve the conflict (in a picture)	
V1357	conflict_2	Second appropriate answer given to resolve the conflict	
V1358	conflict_tot	Sum of scores (conflict_1 + conflict_2)	
V1359	empathy_1	How do you think the girl feels at this moment?	
V1360	empathy_2	What would you do to stop the girl from crying and to make her feel better?	
V1361	empathy_3	Anything else you could do?	
V1362	empathy_tot	Sum of (empathy_1 + empathy_2 + empathy_3)	
V1363	item10a_ob1	The child could follow the material with interest and curiosity	
V1364	item10a_ob2	The child understood the instructions quickly	
V1365	item10a_ob3	The child concentrated well throughout the tests	
V1366	item10a_ob4	The child was happy/chatty/loved participating in the tests	
V1367	item10a_ob5	The child was confident and independent (wasn't looking for their mother or guar	
V1368	item10a_ob6	The child was shy throughout their attempts	
V1369	item10a_ob7	The child refused to speak	
V1370	item10a_ob8	The child was distressed/cried throughout the tests	
V1371	item10a_ob9	The child was easily distracted during the tests	
V1372	item10a_ob10	The child was disruptive and nor cooperative during the tests	
V1373	item10b_ob1	The child was tired or hungry on the day of the assessment	
V1374	item10b_ob2	The child was sick on the day of the assessment	
V1375	item10b_ob4	The child completed refused to do the tests	
V1376	item10b_ob5	A translator was used to do the tests with the child	
V1377	item10b_ob6	Is the child enrolled in a preschool (kinder garden)?	
V1378	item10b_ob3	The child had a disability (for example couldn't hear or speak)	
V1379	item10b_ob3_handicap	Description of disability	
V1380	interviewer_id_parent	Unique identifier of field worker conducting the interview	
V1381	an3_noreside_reason	Records if child was still resident in village in 2016 or not	
V1382	an3_noreside_other	Reason interview not completed in 2016	
V1383	a8_relation_child	Relationship to child	
V1384	a8_relation_child_other	Description of relationship to child	
V1385	an4_guardian	N4. Are you the main person responsible for the welfare of this child?	
V1386	an5_interview_home	N5. Is interview being done in child's home?	
V1387	b2_mum_age	B2. What is the mother's age?	
V1388	bn7_mum_attendschool	N7. Has the mother ever attended school?	
V1389	b3_mum_edulevel	B3. What is the highest level of education that the mother has completed?	

ID	Name	Label	Question
V1390	matlit	Maternal literacy	
V1391	b6_dad_age	B6. What is the father's age?	
V1392	bn8_dad_attendschool	N8. Has the father ever attended school?	
V1393	b7_dad_edulevel	B7. What is the highest level of education that the father has completed?	
V1394	b8_dad_read	B8. Can the father read?	
V1395	b8a_dadread_lang	B8(A). Which languages?	
V1396	b8a_dadread_lang_other	Description of other languages father can read (if not Bambara, Shenara or Mamar)	
V1397	mainlang	Main language spoken in the home (can be used as indicator of ethnicity)	
V1398	b10_homelang_main_other	Description of main language spoken in home (if not Bambara, Shenara or Mamara)	
V1399	b11_homelang_add	B11. What other languages are spoken at home?	
V1400	b11_homelang_add_other	Description of additional language(s) spoken in home (if not Bambara, Shenara or	
V1401	b12_child_french	B12. Does your child recognize or speak any words in French?	
V1402	bi1_mum_totalchildren	I1. How many children does the mother have at present? (including this child)	
V1403	b9_dad_totalchildren	B9. How many children does the father have, in total (include children of co-wiv	
V1404	bi2_totalwant	I2. How many children, in total, would you like to have?	
V1405	bi4_totalwant_contracep	I4. If there was a method of contraception available at no cost, how many childr	
V1406	bi8_children_school	I8. Do you have any children already in school?	
V1407	bi9_children_school_total	I9. How many children already in school?	
V1408	bi10_children_school_type	I10. Are they in primary or secondary school?	
V1409	bi11_pay_prim_sch	I11. How much do you pay in total each year to educate one child at primary scho	
V1410	bi12_pay_second_sch	I12. How much do you pay in total each year to educate one child at secondary sc	
V1411	bi13_educate_child	I13. Would you like to educate this child when they reach the age to begin prima	
V1412	bi14_educate_willpay	I14. How much are you willing to pay each year for the education of this child?	
V1413	bi15_educate_need	I15. How much money would you need each year to be able to educate this child?	
V1414	b13_complete_prim	B13. Do you expect that your child will complete primary school?	
V1415	b14_complete_sec	B14. Do you expect your child will complete secondary school?	
V1416	c1a_storybooks	C1. Do you have any of these types of reading materials available in your home...	
V1417	c1b_books	C1. Do you have any of these types of reading materials available in your home...	
V1418	c1c_newmags	C1. Do you have any of these types of reading materials available in your home...	
V1419	c1d_brochures	C1. Do you have any of these types of reading materials available in your home...	
V1420	c1e_religious_books	C1. Do you have any of these types of reading materials available in your home...	
V1421	c1f_colouring_books	C1. Do you have any of these types of reading materials available in your home...	
V1422	c1g_comics	C1. Do you have any of these types of reading materials available in your home...	

ID	Name	Label	Question
V1423	c1h_books_other	C1. Do you have any of these types of reading materials available in your home...	
V1424	c1h_books_otherdesc	C1. Do you have any of these types of reading materials available in your home...	
V1425	c2a_toys_handmade	C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to	
V1426	c2c_toys_bought	C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t	
V1427	c2d_household_objects	C2. Does s/he play with: Household objects, such as bowls or pots?	
V1428	c2e_outside_objects	C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo	
V1429	c2f_drawing_writing	C2. Does s/he play with: Materials for drawing or materials for writing?	
V1430	c2g_puzzles	C2. Does s/he play with: Puzzles/brain teasers?	
V1431	c2h_games_colourshape	C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?	
V1432	c2i_games_letters	C2. Does s/he play with: Toys that teach about letters (such as alphabet games,	
V1433	c2j_toys_other	C2. Does s/he play with: Others (specify)?	
V1434	c2j_toys_otherdesc	C2. Does s/he play with: Description of other types of toys	
V1435	c3a_read_books	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1436	c3a_read_books_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1437	c3b_told_stories	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1438	c3b_told_stories_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1439	c3c_songs	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1440	c3c_songs_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1441	c3d_outside_home	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1442	c3d_outside_home_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1443	c3e_played	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1444	c3e_played_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1445	c3f_named_objects	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1446	c3f_named_objects_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1447	c3g_drawing	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1448	c3g_drawing_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1449	c3h_teach_new	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1450	c3h_teach_new_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1451	c3i_alphabet	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	

ID	Name	Label	Question
V1452	c3i_alphabet_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1453	c3j_numbers	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1454	c3j_numbers_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1455	c3k_hugged	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1456	c3k_hugged_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1457	c3l_spanked	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1458	c3l_spanked_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1459	c3m_hit	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1460	c3m_hit_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1461	c3n_shouted	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1462	c3n_shouted_who	C3. In the past 7 days, did you, or another adult in the family or a schoolchild	
V1463	HHread_score	Number of different types of reading materials reported in home	
V1464	HHtoys_score	Number of different types of play items reported in home	
V1465	HHtotedu_score	Total number of educational objects in home (reading materials and play items)	
V1466	stimulation_score	Number of different types of adult-child interactions/activities reported in las	
V1467	scold_score	Number of different types of disciplinary actions reported in last seven days	
V1468	eccdenrol	Child enrolled in ECD program	
V1469	d2_ecd_not_enrol_why	D2. Why is your child not enrolled at preschool?	
V1470	d2_ecd_not_enrol_why_other	Description of any additional reasons given by parents for not enrolling child i	
V1471	d4_ecd_how_long	D4. How long has your child been in this preschool/program?	
V1472	d6_ecd_days	D6. In the last week, how many days did he/she go to ECCD?	
V1473	e1_roof	E1. What kind of roof does your house have?	
V1474	e1_roof_other	Description of other types of roofing materials	
V1475	e2_walls	E2. What kind of walls does your house have?	
V1476	e2_walls_other	Description of other types of wall materials	
V1477	e3_floor	E3. What kind of floor does your house have?	
V1478	e3_floor_other	Description of other types of flooring	
V1479	e4_light	E4. What is the main source of lighting in your home?	
V1480	e4_light_other	Description of other types of lighting	
V1481	radio	Does anyone in your household own the following... Radio?	
V1482	tv	Does anyone in your household own the following... Television?	
V1483	moped	Does anyone in your household own the following... Moped or motorbike?	
V1484	car	Does anyone in your household own the following... Motor vehicle (tractor, car, lor	
V1485	phone	Does anyone in your household own the following... Mobile phone?	

ID	Name	Label	Question
V1486	solar	Does anyone in your household own the following... Solar panel?	
V1487	cow	Does anyone in your household own the following... Cows (any number)	
V1488	goat	Does anyone in your household own the following... Goats and/or sheep (any number)	
V1489	horse	Does anyone in your household own the following... Horse?	
V1490	cart	Does anyone in your household own the following... Horse-drawn Cart?	
V1491	e6_livelihood	E6. What is the household's main source of livelihood?	
V1492	e6_livelihood_other	Description of other source of income	
V1493	e7_mum_paidwork	E7. During the past 7 days, did the mother of the child do any kind of paid work	
V1494	e8_dad_paidwork	E8. During the past 7 days, did the father of the child do any kind of paid work?	
V1495	employ	Main source of revenue for family	
V1496	roof	Type of building materials used in construction of roof of family home	
V1497	walls	Type of building materials used in construction of walls of family home	
V1498	floor	Type of building materials used for floor of family home	
V1499	light	Type of lighting used in home	
V1500	wealthindex	PCA score using data on household assets, house structure and paid work	
V1501	wealth5cat	Overall wealth index divided into five quintiles	
V1502	wealth2cat	Binary grouping to identify the poorest households (two lowest quintiles vs rest)	
V1503	assetsindex	PCA score using data on household assets only	
V1504	assets5cat	Household assets index divided into five quintiles	
V1505	mealsday	Number of meals/snacks eaten per day	
V1506	grains	Did your child eat any of the following foods yesterday... Grains: millet, sorghum	
V1507	roots	Did your child eat any of the following foods yesterday... Roots: cassava, potato,	
V1508	beansnuts	Did your child eat any of the following foods yesterday... Beans and nuts (arachid	
V1509	otherveg	Did your child eat any of the following foods yesterday... Other vegetables?	
V1510	fruit	Did your child eat any of the following foods yesterday... Fruit?	
V1511	meatfish	Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?	
V1512	milk	Did your child eat any of the following foods yesterday... Milk?	
V1513	eggs	Did your child eat any of the following foods yesterday... Eggs?	
V1514	palmoil	Did your child eat any of the following foods yesterday... Palm oil?	
V1515	otheroil	Did your child eat any of the following foods yesterday... Other oils and fats?	
V1516	limitdiet	Dietary diversity limited by lack of resources	
V1517	hungry	Amount of food limited by lack of resources	
V1518	fg3_wash_hands1	G3. When do you usually wash your hands? Are there any other times?	
V1519	fg3_wash_hands2	G3. When do you usually wash your hands? Are there any other times?	
V1520	fg3_wash_hands3	G3. When do you usually wash your hands? Are there any other times?	
V1521	fg3_wash_hands4	G3. When do you usually wash your hands? Are there any other times?	
V1522	fg3_wash_hands5	G3. When do you usually wash your hands? Are there any other times?	
V1523	fg3_wash_hands6	G3. When do you usually wash your hands? Are there any other times?	
V1524	fg3_wash_hands_other	Description of other times hands are washed	

ID	Name	Label	Question
V1525	attendinfo	Parent attended at least one information session for parents	
V1526	fn12a_learn4	N13(A). What were the three most important things you learnt during those sessio	
V1527	fn12a_learn5	N13(A). What were the three most important things you learnt during those sessio	
V1528	fn12a_learn6	N13(A). What were the three most important things you learnt during those sessio	
V1529	fn12a_learn7	N13(A). What were the three most important things you learnt during those sessio	
V1530	fn12a_learn8	N13(A). What were the three most important things you learnt during those sessio	
V1531	fn12a_learn9	N13(A). What were the three most important things you learnt during those sessio	
V1532	fn12a_learn10	N13(A). What were the three most important things you learnt during those sessio	
V1533	fn12a_learn11	N13(A). What were the three most important things you learnt during those sessio	
V1534	fn12a_learn3_other	Description of other things learnt in sessions	
V1535	fn13_learn_same_vill	N13. Have you ever shared or discussed what you learnt with anyone else living i	
V1536	fn14_learn_diff_vill	N14. Have you ever shared or discussed what you learnt with anyone else in livin	
V1537	fg5_mnp_2016	G5. Have you ever added these sachets to your child's food?	
V1538	fg6_mnp_2016_freq	G6. On how many days in the last 7 days, were these sachets added to your child'	
V1539	fg7_no_mnp_reasons1	G7. The days when the sachet was not added to your child's food, what were the r	
V1540	fg7_no_mnp_reasons2	G7. The days when the sachet was not added to your child's food, what were the r	
V1541	fg7_no_mnp_reasons3	G7. The days when the sachet was not added to your child's food, what were the r	
V1542	fg7_no_mnp_reasons4	G7. The days when the sachet was not added to your child's food, what were the r	
V1543	fg7_no_mnp_reasons_other	Description of other reason for not using MNPs	
V1544	fn15_mnp_child_like	N15. Does your child like to eat the food with the sachet added?	
V1545	fg8_mnp_foodtype1	G8. To what kind of food/type of meals do you add the MNPs to?	
V1546	fg8_mnp_foodtype2	G8. To what kind of food/type of meals do you add the MNPs to?	
V1547	fg8_mnp_foodtype3	G8. To what kind of food/type of meals do you add the MNPs to?	
V1548	fg8_mnp_foodtype4	G8. To what kind of food/type of meals do you add the MNPs to?	
V1549	fg8_mnp_foodtype_other	Description of other foods MNPs were added to	
V1550	fg10_nomnp_foodtype1	G10. To what kind of foods should the MNPs NOT be added to?	
V1551	fg10_nomnp_foodtype2	G10. To what kind of foods should the MNPs NOT be added to?	
V1552	fg10_nomnp_foodtype3	G10. To what kind of foods should the MNPs NOT be added to?	
V1553	fg10_nomnp_foodtype4	G10. To what kind of foods should the MNPs NOT be added to?	
V1554	fg10_nomnp_foodtype_other	Description of other foods that should not be used to give MNPs	
V1555	fg11_mnp_difficult	G11. On the whole, do you think that giving your child the MNPs was difficult to	
V1556	fg12_mnp_child_changed	G12. Have you noticed any changes in your child since you began giving him/her M	
V1557	fg12a_mnp_changes1	12(A). What changes have you noticed?	
V1558	fg12a_mnp_changes2	12(A). What changes have you noticed?	

ID	Name	Label	Question
V1559	fg12a_mnp_changes3	12(A). What changes have you noticed?	
V1560	fg12a_mnp_changes4	12(A). What changes have you noticed?	
V1561	fg12a_mnp_changes5	12(A). What changes have you noticed?	
V1562	fg12a_mnp_changes_other	Description of other changes seen in child	
V1563	fg13b_mnp_treatment	13(B). Did you need to take the child for medical treatment at CSCoM or elsewhere	
V1564	fg14_mnp_again	G14. Do you want to give your child MNPs again, when the distribution starts aga	
V1565	mnpadd	Did child ever receive MNPs?	
V1566	mnpdays	How many times per week did child receive MNPs	
V1567	gf5_net_use	F5. Does your child sleep usually under a bed net?	
V1568	gf6_net_lastnight	F6. Did your child sleep under a bed net last night?	
V1569	smc	Child received SMC (seasonal malaria chemoprevention) during last rainy season	
V1570	gf8a_smc_2015_freq	F8(A). How many times did the child receive the tablets?	
V1571	gf8a_smc_2015_freq_other	Description of other frequency of SMC	
V1572	gn16_smc_effectchild	N16. Do you think the tablets have a good effect or a bad effect on your child's	
V1573	gn16a_smc_bad_effect	N16(A). What bad effects have you noticed?	
V1574	gf14_smc_again	F14. Do you want your child to receive the tablets when the malaria treatment st	
V1575	ITN_lastnight	Use of mosquito net	
V1576	hf3_sick_2wks	F3. Has your child been sick at any time in the last two weeks?	
V1577	hf3a_sick_describe	3(A). Describe your child's illness(es)	
V1578	hf3a_sick_describe_other	Description of other illness that child experienced	
V1579	hh1_play	H1. In the last 7 days, how often has your child been well enough to play with o	
V1580	hh2_sleep	H2. In the last 7 days, how well has your child been sleeping?	
V1581	hh3_active	H3. In the last 7 days, how often has your child been active/energetic?	
V1582	had_parent_2016	Derived variable which confirms that a parent interview was completed in 2016	
V1583	at_least_one_survey2014	Derived variable which confirms that child was included in one or more of the cr	
V1584	datesurvey_biomed	Survey date	
V1585	agesurvey_biomed	Age in years on date of survey 2016	
V1586	agedays_biomed	Age in days on date of survey 2016	
V1587	haemoglobin	Haemoglobin concentration in g/dL	
V1588	ferritin	Serum ferritin measurement	
V1589	logferritin	Natural log of serum ferritin measurement	
V1590	anaemia	Anaemia, defined as child with Hb <11.0 g/dL	
V1591	modsevereanaemia	Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL	
V1592	severeanaemia	Severe anaemia, defined as Hb <8.0 g/dL	
V1593	malaria	Infected with malaria parasites (any species)	
V1594	malariareresult	Malaria parasitology	
V1595	species	Malaria parasite species	
V1596	malariaspecies	Espece	
V1597	density	Malaria parasite density (trophozoite count)	
V1598	gametocytes	Malaria gametocyte count	



ID	Name	Label	Question
V1599	logdensity	Natural log of malaria parasite density	
V1600	loggameto	Natural log of malaria gametocyte count	
V1601	gameto2cat	Presence/absence of gametocytes in blood	
V1602	stunted	Children with a height-for-age Z-score more than 2 standard deviations (SD) below	
V1603	underweight	Children with a weight-for-age Z-score more than 2 SD below the mean	
V1604	acutemalnutrition	Children with a BMI-for-age Z-score more than 2 SD below the mean	
V1605	lowweightheight	Children with a weight-for-height Z-score more than 2 SD below the mean (measure	
V1606	weight	Weight of child in kg (average of two measurements)	
V1607	height	Height of child in cm (average of two measurements)	
V1608	bmi	Body mass index	
V1609	weight1	Weight of child in kg (first measurement)	
V1610	weight2	Weight of child in kg (second measurement)	
V1611	height1	Height of child in cm (first measurement)	
V1612	height2	Height of child in cm (second measurement)	
V1613	muac	Mid upper arm circumference (MUAC) in cm	
V1614	zweightage	Weight-for-age Z-score (WAZ)	
V1615	zheightage	Height-for-age Z-score (HAZ)	
V1616	zbmiage	BMI-for-age Z-score (BAZ)	
V1617	zweightheight	Weight-for-height Z-score (WHZ) (for 3y cohort only)	
V1618	agemons_biomed	Calculated age in months for deriving z scores	

total: 480



**SEX: Sex of child****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2123   Invalid: 11   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Female	1028	48.4%
2	Male	1095	51.6%
Sysmiss		11	

**AGEGROUP: Age group of child in 2016****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2134   Invalid:   Minimum: 3   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		1053	49.3%
5		1081	50.7%

**DATESURVEY: Survey date****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2134   Invalid:  
 Type: Discrete   Width: 10   Range: -   Format: date

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-07-22		35	1.6%
2016-07-23		117	5.5%

2016-07-24		146	6.8%
2016-07-25		199	9.3%
2016-07-26		212	9.9%
2016-07-27		103	4.8%
2016-07-28		171	8%
2016-07-29		177	8.3%
2016-07-30		224	10.5%
2016-07-31		215	10.1%
2016-08-01		232	10.9%
2016-08-02		188	8.8%
2016-08-03		115	5.4%

### CHILDIDSIEF: Unique identifier of child

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid:  
Type: Continuous Width: 7 Range: - Format: character

### STUDYARM: Ignore - use variable trialarm (which groups villages according to intervention

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	R	1065	49.9%
2	Z	1069	50.1%

### CERCLENAME: District name

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid:  
Type: Discrete Width: 7 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Sikasso		1903	89.2%
Yorosso		231	10.8%

### COMMUNENAME: Sub district name

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 2134    Invalid:  
 Type: Discrete    Width: 13    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Danderesso		156	7.3%
Diomatene		39	1.8%
Doumanaba		147	6.9%
Farakala		137	6.4%
Finkolo		97	4.5%
Gongasso		102	4.8%
Kaboila		207	9.7%
Kafouziela		35	1.6%
Kapala		103	4.8%
Kapolondougou		153	7.2%
Klela		104	4.9%
Kolokoba		117	5.5%
Koumbia		32	1.5%
Kouoro		27	1.3%
Koury		92	4.3%
Mahou		29	1.4%
Menaba		78	3.7%
Missirikoro		71	3.3%
Natien		107	5%
Niena		149	7%
Pimperna		116	5.4%

Zanferebougou		36	1.7%
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### VILLAGENAME: Village name

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid:  
Type: Continuous Width: 21 Range: - Format: character

### COMMUNEUBSID: Sub district code

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid: Minimum: 101 Maximum: 224  
Type: Discrete Decimal: 0 Width: 3 Range: 101 - 224 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
101		97	4.5%
102		103	4.8%
103		153	7.2%
104		36	1.7%
105		102	4.8%
106		147	6.9%
107		107	5%
108		137	6.4%
109		117	5.5%
110		40	1.9%
111		31	1.5%
112		207	9.7%
113		116	5.4%
114		104	4.9%
115		35	1.6%
116		27	1.3%
117		149	7%
118		156	7.3%
119		39	1.8%
221		32	1.5%

222		92	4.3%
223		78	3.7%
224		29	1.4%

### VILLAGEUBSID: Village code

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid: Minimum: 1011 Maximum: 2241  
 Type: Continuous Decimal: 0 Width: 4 Range: 1011 - 2241 Format: Numeric

### AGE01MAY14: Age in years on 1st May 2014

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2103 Invalid: 31 Minimum: 0.666666686534882 Maximum: 5.49760437011719  
 Type: Continuous Decimal: 2 Width: 4 Range: 0.666666686534882 - 5.49760437011719 Format: Numeric

### AGESURVEY: Age in years on date of survey 2016

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2103 Invalid: 31 Minimum: 2.89801502227783 Maximum: 7.73990440368652  
 Type: Continuous Decimal: 2 Width: 4 Range: 2.89801502227783 - 7.73990440368652 Format: Numeric

### AGEDAYS: Age in days on date of survey 2016

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2103 Invalid: 31 Minimum: 1058.5 Maximum: 2827  
 Type: Continuous Decimal: 0 Width: 16 Range: 1058.5 - 2827 Format: Numeric

### HAEMOGLOBIN: Haemoglobin concentration in g/dL

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2133 Invalid: 1 Minimum: 3.2 Maximum: 14.8  
 Type: Continuous Decimal: 0 Width: 5 Range: 3.2 - 14.8 Format: Numeric

**FERRITIN: Serum ferritin measurement****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2091    Invalid: 43    Minimum: 1.38    Maximum: 965.46  
 Type: Continuous    Decimal: 2    Width: 6    Range: 1.38 - 965.46    Format: Numeric

**LOGFERRITIN: Natural log of serum ferritin measurement****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2091    Invalid: 43    Minimum: 0.322083503007889    Maximum: 6.87260484695435  
 Type: Continuous    Decimal: 2    Width: 4    Range: 0.322083503007889 - 6.87260484695435    Format: Numeric

**ANAEMIA: Anaemia, defined as child with Hb <11.0 g/dL****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2133    Invalid: 1    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		950	44.5%
1		1183	55.5%
Sysmiss		1	

**MODSEVEREANAEMIA: Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2133    Invalid: 1    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1584	74.3%
1		549	25.7%



Sysmiss		1	
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### SEVEREANAEMIA: Severe anaemia, defined as Hb <8.0 g/dL

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2133 Invalid: 1 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		2033	95.3%
1		100	4.7%
Sysmiss		1	

### MALARIA: Infected with malaria parasites (any species)

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2125 Invalid: 9 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1424	67%
1		701	33%
Sysmiss		9	

### MALARIARESULT: Malaria parasitology

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid:  
 Type: Discrete Width: 7 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		9	0.4%
Negatif		1424	66.7%
Positif		701	32.8%

### SPECIES: Malaria parasite species

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2125    Invalid: 9    Minimum: 0    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 5    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	None	1423	67%
1	P. falciparum	679	32%
2	P. malariae	10	0.5%
3	P. ovale	4	0.2%
4	P. falciparum + P. malariae	8	0.4%
5	P. falciparum + P. ovale	1	0%
Sysmiss		9	

### MALARIASPECIES: Espece

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134    Invalid:  
 Type: Discrete    Width: 25    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1432	67.1%
P. falciparum		679	31.8%

P. falciparum+P. malariae		8	0.4%
P. falciparum+P. ovale		1	0%
P. malariae		10	0.5%
P. ovale		4	0.2%

### DENSITY: Malaria parasite density (trophozoite count)

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2125 Invalid: 9 Minimum: 0 Maximum: 356979.957356077  
 Type: Continuous Decimal: 2 Width: 9 Range: 0 - 356979.957356077 Format: Numeric

### GAMETOCYTES: Malaria gametocyte count

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2125 Invalid: 9 Minimum: 0 Maximum: 293  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 293 Format: Numeric

### LOGDENSITY: Natural log of malaria parasite density

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 575 Invalid: 1559 Minimum: 2.76069521903992 Maximum: 12.7854347229004  
 Type: Continuous Decimal: 2 Width: 5 Range: 2.76069521903992 - 12.7854347229004 Format: Numeric

### LOGGAMETO: Natural log of malaria gametocyte count

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 311 Invalid: 1823 Minimum: -0.6931471824646 Maximum: 5.68017244338989  
 Type: Continuous Decimal: 2 Width: 5 Range: -0.6931471824646 - 5.68017244338989 Format: Numeric

### GAMETO2CAT: Presence/absence of gametocytes in blood

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2125 Invalid: 9 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1814	85.4%
1		311	14.6%
Sysmiss		9	

**STUNTED: Children with a height-for-age Z-score more than 2 standard deviations (SD) below the mean**

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 2093   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1613	77.1%
1		480	22.9%
Sysmiss		41	

**UNDERWEIGHT: Children with a weight-for-age Z-score more than 2 SD below the mean**

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 2093   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1732	82.8%
1		361	17.2%
Sysmiss		41	

**ACUTEMALNUTRITION: Children with a BMI-for-age Z-score more than 2 SD below the mean****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2093   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1967	94%
1		126	6%
Sysmiss		41	

**LOWWEIGHTHEIGHT: Children with a weight-for-height Z-score more than 2 SD below the mean (measure****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1275   Invalid: 859   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1203	94.4%
1		72	5.6%
Sysmiss		859	

**WEIGHT: Weight of child in kg (average of two measurements)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2133   Invalid: 1   Minimum: 9   Maximum: 30.2000007629395  
 Type: Continuous   Decimal: 0   Width: 17   Range: 9 - 30.2000007629395   Format: Numeric

**HEIGHT: Height of child in cm (average of two measurements)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 78   Maximum: 142  
 Type: Continuous   Decimal: 0   Width: 17   Range: 78 - 142   Format: Numeric

---

### BMI: Body mass index

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 7.92527964312185   Maximum: 21.5210459185508  
 Type: Continuous   Decimal: 0   Width: 17   Range: 7.92527964312185 - 21.5210459185508   Format: Numeric

---

### WEIGHT1: Weight of child in kg (first measurement)

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 9   Maximum: 30.2  
 Type: Continuous   Decimal: 0   Width: 4   Range: 9 - 30.2   Format: Numeric

---

### WEIGHT2: Weight of child in kg (second measurement)

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 9   Maximum: 30.2  
 Type: Continuous   Decimal: 0   Width: 7   Range: 9 - 30.2   Format: Numeric

---

### HEIGHT1: Height of child in cm (first measurement)

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 78   Maximum: 142  
 Type: Continuous   Decimal: 0   Width: 5   Range: 78 - 142   Format: Numeric

---

### HEIGHT2: Height of child in cm (second measurement)

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 2133   Invalid: 1   Minimum: 78   Maximum: 142  
 Type: Continuous   Decimal: 0   Width: 6   Range: 78 - 142   Format: Numeric

---

**MUAC: Mid upper arm circumference (MUAC) in cm****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2125   Invalid: 9   Minimum: 10.6   Maximum: 20.2  
 Type: Continuous   Decimal: 0   Width: 4   Range: 10.6 - 20.2   Format: Numeric

---

**ZWEIGHTAGE: Weight-for-age Z-score (WAZ)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2093   Invalid: 41   Minimum: -4.48   Maximum: 4.86  
 Type: Continuous   Decimal: 0   Width: 5   Range: -4.48 - 4.86   Format: Numeric

---

**ZHEIGHTAGE: Height-for-age Z-score (HAZ)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2093   Invalid: 41   Minimum: -5.46   Maximum: 8.98  
 Type: Continuous   Decimal: 0   Width: 5   Range: -5.46 - 8.98   Format: Numeric

---

**ZBMIAGE: BMI-for-age Z-score (BAZ)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2093   Invalid: 41   Minimum: -7.3   Maximum: 3.39  
 Type: Continuous   Decimal: 0   Width: 5   Range: -7.3 - 3.39   Format: Numeric

---

**ZWEIGHTHEIGHT: Weight-for-height Z-score (WHZ) (for 3y cohort only)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1275   Invalid: 859   Minimum: -6.76   Maximum: 3.46  
 Type: Continuous   Decimal: 0   Width: 5   Range: -6.76 - 3.46   Format: Numeric

---

**DEWORMED: Has child been dewormed in 2016?****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 2134   Invalid:  
 Type: Discrete   Width: 3   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1813	85%
oui		233	10.9%
Oui		88	4.1%

### **\_AGEMONS: Calculated age in months on date of survey 2016 for deriving z-scores (for 5y co**

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 816    Invalid: 1318    Minimum: 61.2730966054928    Maximum: 92.8788501026694  
 Type: Continuous    Decimal: 0    Width: 16    Range: 61.2730966054928 - 92.8788501026694    Format: Numeric

### **CHILDID\_2014: Unique identifier for subset of children who were also surveyed in 2014**

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1987    Invalid: 147    Minimum: 1011014    Maximum: 2241998  
 Type: Continuous    Decimal: 0    Width: 7    Range: 1011014 - 2241998    Format: Numeric

### **MATLIT: Maternal literacy**

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1972    Invalid: 162    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1642	83.3%
1		330	16.7%
Sysmiss		162	

### **MAINLANG: Main language spoken in the home (can be used as indicator of ethnicity)**

**Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta



## Overview

Valid: 1997   Invalid: 137   Minimum: 1   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 7   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		689	34.5%
2		1011	50.6%
3		96	4.8%
7		201	10.1%
Sysmiss		137	

## ECCDENROL: Child enrolled in ECD program

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 1989   Invalid: 145   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1124	56.5%
1		865	43.5%
Sysmiss		145	

## RADIO: Does anyone in your household own the following... Radio?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 1996   Invalid: 138   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		373	18.7%

1		1623	81.3%
Sysmiss		138	

## TV: Does anyone in your household own the following... Television?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1993   Invalid: 141   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		861	43.2%
1		1132	56.8%
Sysmiss		141	

## MOPED: Does anyone in your household own the following... Moped or motorbike?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		248	12.4%
1		1746	87.6%
Sysmiss		140	

## CAR: Does anyone in your household own the following... Motor vehicle (tractor, car, lor

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1693	84.9%
1		301	15.1%
Sysmiss		140	

## PHONE: Does anyone in your household own the following... Mobile phone?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		58	2.9%
1		1936	97.1%
Sysmiss		140	

## SOLAR: Does anyone in your household own the following... Solar panel?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		315	15.8%
1		1679	84.2%
Sysmiss		140	

**COW: Does anyone in your household own the following... Cows (any number)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		367	18.4%
1		1627	81.6%
Sysmiss		140	

**GOAT: Does anyone in your household own the following... Goats and/or sheep (any number)****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1990   Invalid: 144   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		294	14.8%
1		1696	85.2%
Sysmiss		144	

**HORSE: Does anyone in your household own the following... Horse?****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1996   Invalid: 138   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		370	18.5%

1		1626	81.5%
Sysmiss		138	

### **CART: Does anyone in your household own the following... Horse-drawn Cart?**

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### **Overview**

Valid: 1994    Invalid: 140    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		287	14.4%
1		1707	85.6%
Sysmiss		140	

### **MEALSDAY: Number of meals/snacks eaten per day**

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### **Overview**

Valid: 1996    Invalid: 138    Minimum: 1    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 5    Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
1		8	0.4%
2		61	3.1%
3		586	29.4%
4		686	34.4%
5		655	32.8%
Sysmiss		138	

### **GRAINS: Did your child eat any of the following foods yesterday... Grains: millet, sorghum**

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

## Overview

Valid: 1982   Invalid: 152   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		5	0.3%
1		1977	99.7%
Sysmiss		152	

**ROOTS: Did your child eat any of the following foods yesterday... Roots: cassava, potato,**

**Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**

## Overview

Valid: 1973   Invalid: 161   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1469	74.5%
1		504	25.5%
Sysmiss		161	

**BEANSNUTS: Did your child eat any of the following foods yesterday... Beans and nuts (arachid**

**Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**

## Overview

Valid: 1972   Invalid: 162   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		715	36.3%
1		1257	63.7%

Sysmiss		162	
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## OTHERVEG: Did your child eat any of the following foods yesterday... Other vegetables?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1515   Invalid: 619   Minimum: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 -   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1515	100%
Sysmiss		619	

## FRUIT: Did your child eat any of the following foods yesterday... Fruit?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1986   Invalid: 148   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		74	3.7%
1		1912	96.3%
Sysmiss		148	

## MEATFISH: Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1981   Invalid: 153   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		587	29.6%
1		1394	70.4%
Sysmiss		153	

### MILK: Did your child eat any of the following foods yesterday... Milk?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1976   Invalid: 158   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1288	65.2%
1		688	34.8%
Sysmiss		158	

### EGGS: Did your child eat any of the following foods yesterday... Eggs?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1969   Invalid: 165   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1597	81.1%
1		372	18.9%
Sysmiss		165	

### PALMOIL: Did your child eat any of the following foods yesterday... Palm oil?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1983   Invalid: 151   Minimum: 0   Maximum: 1



Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1749	88.2%
1		234	11.8%
Sysmiss		151	

## OTHEROIL: Did your child eat any of the following foods yesterday... Other oils and fats?

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1984    Invalid: 150    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		108	5.4%
1		1876	94.6%
Sysmiss		150	

## LIMITDIET: Dietary diversity limited by lack of resources

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1968    Invalid: 166    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1228	62.4%
1		740	37.6%
Sysmiss		166	

**HUNGRY: Amount of food limited by lack of resources****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1987   Invalid: 147   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1857	93.5%
1		130	6.5%
Sysmiss		147	

**ATTENDINFO: Parent attended at least one information session for parents****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1891   Invalid: 243   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1121	59.3%
1		770	40.7%
Sysmiss		243	

**SMC: Child received SMC (seasonal malaria chemoprevention) during last rainy season****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1928   Invalid: 206   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		113	5.9%

1		1815	94.1%
Sysmiss		206	

## EMPLOY: Main source of revenue for family

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1994   Invalid: 140   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1856	93.1%
1		138	6.9%
Sysmiss		140	

## ROOF: Type of building materials used in construction of roof of family home

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1995   Invalid: 139   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		135	6.8%
1		1860	93.2%
Sysmiss		139	

## WALLS: Type of building materials used in construction of walls of family home

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1981   Invalid: 153   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1882	95%
1		99	5%
Sysmiss		153	

## FLOOR: Type of building materials used for floor of family home

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1997   Invalid: 137   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1251	62.6%
1		746	37.4%
Sysmiss		137	

## LIGHT: Type of lighting used in home

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1996   Invalid: 138   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		360	18%
1		1636	82%
Sysmiss		138	

**ITN\_LASTNIGHT: Use of mosquito net****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1990   Invalid: 144   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		188	9.4%
1		1802	90.6%
Sysmiss		144	

**MNPADD: Did child ever receive MNPs?****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1899   Invalid: 235   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		926	48.8%
1		973	51.2%
Sysmiss		235	

**MNPDAYS: How many times per week did child receive MNPs****Data file:** dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta**Overview**

Valid: 1837   Invalid: 297   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		926	50.4%

1		15	0.8%
2		105	5.7%
4		58	3.2%
7		733	39.9%
Sysmiss		297	

## WEALTHINDEX: PCA score using data on household assets, house structure and paid work

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1958   Invalid: 176   Minimum: 0   Maximum: 3.34487533569336  
 Type: Continuous   Decimal: 0   Width: 18   Range: 0 - 3.34487533569336   Format: Numeric

## WEALTH5CAT: Overall wealth index divided into five quintiles

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1958   Invalid: 176   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		350	17.9%
1		381	19.5%
2		377	19.3%
3		132	6.7%
4		718	36.7%
Sysmiss		176	

## WEALTH2CAT: Binary grouping to identify the poorest households (two lowest quintiles vs rest

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

### Overview

Valid: 1958   Invalid: 176   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		731	37.3%
1		1227	62.7%
Sysmiss		176	

### ASSETSINDEX: PCA score using data on household assets only

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1978 Invalid: 156 Minimum: 0 Maximum: 2.72523880004883  
 Type: Continuous Decimal: 0 Width: 17 Range: 0 - 2.72523880004883 Format: Numeric

### ASSETS5CAT: Household assets index divided into five quintiles

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 1978 Invalid: 156 Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		357	18%
1		401	20.3%
2		386	19.5%
3		36	1.8%
4		798	40.3%
Sysmiss		156	

### TRIALARM: Classifies 60 villages according to intervention received - use for statistical

Data file: dataset\_biomedanthroparent\_malisief\_2016\_puf\_labeled.dta

#### Overview

Valid: 2134 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
0	non-ECD	0	0%
1	ECD control	1065	49.9%
2	MNP intervention	1069	50.1%



**CERCLEID: Unique identifier of district****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469   Invalid:   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1255	85.4%
2		214	14.6%

**START\_COG: Date and time cognitive assessment started****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469   Invalid:  
 Type: Continuous   Width: 21   Range: -   Format: character

**COG2016\_DATE: Date of cognitive assessment, eg 2016-06-01****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469   Invalid:  
 Type: Discrete   Width: 10   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.1%
2016-06-24		71	4.8%
2016-06-25		72	4.9%
2016-06-26		71	4.8%
2016-06-27		68	4.6%
2016-06-28		71	4.8%
2016-06-29		62	4.2%
2016-06-30		66	4.5%
2016-07-01		75	5.1%

2016-07-02		61	4.2%
2016-07-03		68	4.6%
2016-07-07		82	5.6%
2016-07-08		65	4.4%
2016-07-09		50	3.4%
2016-07-10		52	3.5%
2016-07-11		61	4.2%
2016-07-12		44	3%
2016-07-13		47	3.2%
2016-07-14		55	3.7%
2016-07-15		47	3.2%
2016-07-16		36	2.5%
2016-07-17		40	2.7%
2016-07-18		28	1.9%
2016-07-19		42	2.9%
2016-07-20		42	2.9%
2016-07-21		49	3.3%
2016-07-22		35	2.4%
2016-07-23		7	0.5%

## COG2016\_DATESURVEY: Date of cognitive assessment, eg 01jun2016

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 10    Range: -    Format: date

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.1%
2016-06-24		71	4.8%
2016-06-25		72	4.9%
2016-06-26		71	4.8%
2016-06-27		68	4.6%
2016-06-28		71	4.8%
2016-06-29		62	4.2%
2016-06-30		66	4.5%

2016-07-01		75	5.1%
2016-07-02		61	4.2%
2016-07-03		68	4.6%
2016-07-07		82	5.6%
2016-07-08		65	4.4%
2016-07-09		50	3.4%
2016-07-10		52	3.5%
2016-07-11		61	4.2%
2016-07-12		44	3%
2016-07-13		47	3.2%
2016-07-14		55	3.7%
2016-07-15		47	3.2%
2016-07-16		36	2.5%
2016-07-17		40	2.7%
2016-07-18		28	1.9%
2016-07-19		42	2.9%
2016-07-20		42	2.9%
2016-07-21		49	3.3%
2016-07-22		35	2.4%
2016-07-23		7	0.5%

## INTERVIEWER\_ID\_COG: Unique identifier of Cognitive Assessor

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:

Type: Discrete    Width: 4    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
e700		22	1.5%
e702		25	1.7%
e703		23	1.6%
e704		26	1.8%
e705		46	3.1%
e706		30	2%
e707		43	2.9%

e710		47	3.2%
e716		46	3.1%
e718		5	0.3%
e725		1	0.1%
e730		123	8.4%
e731		67	4.6%
e732		113	7.7%
e733		67	4.6%
e734		47	3.2%
e735		37	2.5%
e736		63	4.3%
e737		56	3.8%
e738		52	3.5%
e739		57	3.9%
e740		50	3.4%
e741		29	2%
e742		52	3.5%
e743		64	4.4%
e744		50	3.4%
e745		65	4.4%
e746		47	3.2%
e747		56	3.8%
e748		60	4.1%

## CHILDIDSIEF: Unique identifier of child

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Continuous    Width: 7    Range: -    Format: character

## VILLAGENAME: Village name

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Continuous    Width: 21    Range: -    Format: character

**CERCLENAME: District name****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:

Type: Discrete    Width: 7    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Sikasso		1255	85.4%
Yorosso		214	14.6%

**COMMUNENAME: Sub-district name****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:

Type: Discrete    Width: 21    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Danderesso		151	10.3%
Diomatene		19	1.3%
Doumanaba		72	4.9%
Farakala		57	3.9%
Finkolo		91	6.2%
Gongasso		43	2.9%
Kaboila		158	10.8%
Kafouziela		18	1.2%
Kapala		77	5.2%
Kapolondougou		96	6.5%
Klela		86	5.9%
Kolokoba		85	5.8%
Koumbia		64	4.4%
Kouoro		10	0.7%
Koury		64	4.4%
Mahou		35	2.4%

Menaba		25	1.7%
Menaba 1		8	0.5%
Menamba 1		18	1.2%
Missirikoro		36	2.5%
Natien		92	6.3%
Niena		66	4.5%
Pimperna		60	4.1%
Sokourani-Missirikoro		20	1.4%
Zanferebougou		18	1.2%

## VILLAGEUBSID: Unique identifier of village

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469 Invalid: Minimum: 1011 Maximum: 2242  
 Type: Continuous Decimal: 0 Width: 4 Range: 1011 - 2242 Format: Numeric

## COMMUNEUBSID: Unique identifier of sub-district

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469 Invalid: Minimum: 101 Maximum: 224  
 Type: Discrete Decimal: 0 Width: 3 Range: 101 - 224 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
101		91	6.2%
102		77	5.2%
103		96	6.5%
104		18	1.2%
105		43	2.9%
106		72	4.9%
107		92	6.3%
108		57	3.9%
109		85	5.8%
110		36	2.5%
111		20	1.4%
112		158	10.8%

113		60	4.1%
114		86	5.9%
115		18	1.2%
116		10	0.7%
117		66	4.5%
118		151	10.3%
119		19	1.3%
221		64	4.4%
222		64	4.4%
223		51	3.5%
224		35	2.4%

### ECDVILLAGE: Villages with an ECD pre-school program

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0	non-ECD	414	28.2%
1	ECD village	1055	71.8%

### TRIALARM: Classifies 90 villages according to presence of ECD and/or intervention received

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0	non-ECD	414	28.2%
1	ECD control	521	35.5%
2	MNP intervention	534	36.4%

**ARMBLIND: Ignore - for analysis use variable trialarm****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:  
 Type: Discrete    Width: 1    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
R		521	35.5%
X		414	28.2%
Z		534	36.4%

**AGEGROUP\_COG: Age group of child in 2014 surveys****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:    Minimum: 3    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		1469	100%

**AGE\_COGTEST\_MONTHS: Age in months at time of cognitive assessment in 2016****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:    Minimum: 14    Maximum: 74  
 Type: Continuous    Decimal: 0    Width: 16    Range: 14 - 74    Format: Numeric

**SEX\_COG: Sex of child****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1448   Invalid: 21   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		714	49.3%
2		734	50.7%
Sysmiss		21	

## LANG\_CHILD\_ALL: Language spoken by the child (Mother tongue)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:   Minimum: 1   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 10   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	668	45.5%
2	Shenara	626	42.6%
3	Mamara	106	7.2%
4	French	0	0%
5	Bobo	4	0.3%
6	Bomu	52	3.5%
7	Peulh	5	0.3%
8	Samogo	7	0.5%
9	Sarakole	0	0%
10	Dogono	1	0.1%

## LANG\_ASSESS\_ALL: Language used to speak to the child during cognitive assessment

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1467   Invalid: 2   Minimum: 1   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 7   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	803	54.7%
2	Shenara	547	37.3%
3	Mamara	84	5.7%
4	French	0	0%
5	Bobo	3	0.2%
6	Bomu	29	2%
7	Peulh	1	0.1%
8	Samogo	0	0%
9	Sarakole	0	0%
10	Dogono	0	0%
Sysmiss		2	

### LANGASSESS\_MATCH: Language used during cognitive assessment same as mother tongue

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	same	1329	90.5%
1	different	140	9.5%

### COGBATTERY\_AGE: Age-specific test battery used to assess child

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid: Minimum: 3 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 3 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
3		1462	99.5%
5		7	0.5%

### ITEM1\_SCORE\_TAM: Ice-breaker exercise

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1467   Invalid: 2   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		77	5.2%
1		676	46.1%
2		714	48.7%
Sysmiss		2	

### ITEM2\_SCORE\_LAVANT: Walking forwards along a line

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1279   Invalid: 190   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		74	5.8%
1		313	24.5%
2		892	69.7%
Sysmiss		190	

### ITEM2\_SCORE\_RECULON: Walking backwards along a line

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1279   Invalid: 190   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		274	21.4%
1		535	41.8%
2		470	36.7%
Sysmiss		190	

## ITEM2\_MARCHER\_SCORE\_TOT: Total test score for 'walking a line'

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1279   Invalid: 190   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		70	5.5%
1		127	9.9%
2		269	21%
3		345	27%
4		468	36.6%
Sysmiss		190	

## ITEM3\_SCORE\_SAUTER: Child could hop (at least one hop)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1286   Invalid: 183   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		240	18.7%
1		1046	81.3%
Sysmiss		183	

### ITEM3\_SCORE\_NOMBRE: Number of times that child was able to hop on one foot

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1286   Invalid: 183   Minimum: 0   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 10   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		242	18.8%
1		90	7%
2		146	11.4%
3		121	9.4%
4		71	5.5%
5		98	7.6%
6		78	6.1%
7		37	2.9%
8		72	5.6%
9		34	2.6%
10		297	23.1%
Sysmiss		183	

### ITEM4\_PSCOREA: Child clapped (practice item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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0		92	7.4%
1		1153	92.6%
Sysmiss		224	

### ITEM4\_PSCOREB: Child handed block to assessor (practice item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		116	9.3%
1		1129	90.7%
Sysmiss		224	

### ITEM4\_PSCOREC: Child hopped on one foot (practice item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		202	16.2%
1		1043	83.8%
Sysmiss		224	

### ITEM4\_SAUTE\_SCORE: Hopped first (test item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		249	20%
1		996	80%
Sysmiss		224	

### ITEM4\_TAPE\_SCORE: Clapped second (test item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		308	24.7%
1		937	75.3%
Sysmiss		224	

### ITEM4\_BLOC\_SCORE: Handed block to assessor third (test item)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		357	28.7%
1		888	71.3%
Sysmiss		224	

## ITEM4\_SCORE\_TOT\_3YR: Total test score for 'following instructions', calculated as the sum of the three

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		119	9.6%
1		183	14.7%
2		191	15.3%
3		752	60.4%
Sysmiss		224	

## ITEM4\_REVIEW\_BATTERY: CHECKPOINT

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		87	7%
1		1158	93%
Sysmiss		224	

## ITEM5\_GR\_CERCLE: Child correctly identified the largest circle

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	4.3%
1		1108	95.7%
Sysmiss		311	

### ITEM5\_PT\_CERCLE: Child correctly identified the smallest circle

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		168	14.5%
1		990	85.5%
Sysmiss		311	

### ITEM5\_PS\_LONG: Child correctly identified the longest pencil

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		81	7%
1		1077	93%
Sysmiss		311	

**ITEM5\_PS\_COURT: Child correctly identified the shortest pencil****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		145	12.5%
1		1013	87.5%
Sysmiss		311	

**ITEM5\_SCORE\_TOT: Total test score for 'sizes and lengths', calculated as the sum of the four test****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		7	0.6%
1		31	2.7%
2		65	5.6%
3		193	16.7%
4		862	74.4%
Sysmiss		311	

**ITEM6\_SCORE\_ACT: Tracing a circle accurately (following along the circular line)****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		47	4.1%
1		521	45%
2		537	46.4%
3		53	4.6%
Sysmiss		311	

### ITEM6\_SCORE\_PRISE: Grip of pencil

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1151   Invalid: 318   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		654	56.8%
1		497	43.2%
Sysmiss		318	

### ITEM6\_SCORE\_PERSISTE: Did the child show good persistence on the task?

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		450	38.9%
1		708	61.1%
Sysmiss		311	

**ITEM6\_SCORE\_TOTAL: Total test score for 'tracing a circle'****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1151   Invalid: 318   Minimum: 0   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		38	3.3%
1		215	18.7%
2		314	27.3%
3		277	24.1%
4		262	22.8%
5		45	3.9%
Sysmiss		318	

**VISUAL\_S\_3\_BALLOONS\_FINAL: Number of footballs identified correctly****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1245   Invalid: 224   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		97	7.8%
1		1	0.1%
2		3	0.2%
3		8	0.6%
4		9	0.7%
5		19	1.5%
6		32	2.6%
7		26	2.1%
8		42	3.4%

9		35	2.8%
10		75	6%
11		58	4.7%
12		92	7.4%
13		133	10.7%
14		127	10.2%
15		488	39.2%
Sysmiss		224	

### **VISUAL\_S\_3\_MOSQUITO\_FINAL: Number of mosquitoes identified correctly**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1142   Invalid: 327   Minimum: 0   Maximum: 18  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 18   Format: Numeric

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		103	9%
1		8	0.7%
2		12	1.1%
3		18	1.6%
4		32	2.8%
5		37	3.2%
6		44	3.9%
7		46	4%
8		63	5.5%
9		62	5.4%
10		70	6.1%
11		65	5.7%
12		68	6%
13		73	6.4%
14		68	6%
15		83	7.3%
16		79	6.9%
17		69	6%
18		142	12.4%

Sysmiss

327

**VISUAL\_S\_3\_ERRORS\_FINAL: Number of non-target items that child also pointed to (errors of commission)****Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1246   Invalid: 223   Minimum: 0   Maximum: 39  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 39   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		435	34.9%
1		119	9.6%
2		104	8.3%
3		100	8%
4		98	7.9%
5		91	7.3%
6		66	5.3%
7		52	4.2%
8		31	2.5%
9		30	2.4%
10		29	2.3%
11		21	1.7%
12		15	1.2%
13		12	1%
14		7	0.6%
15		5	0.4%
16		4	0.3%
17		6	0.5%
18		5	0.4%
19		5	0.4%
20		6	0.5%
21		1	0.1%
23		2	0.2%
26		1	0.1%
39		1	0.1%
Sysmiss		223	

## VISUALSEARCH\_TOT: Total number of all target items (footballs and mosquitoes) correctly identified

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1142   Invalid: 327   Minimum: 0   Maximum: 33  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 33   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		96	8.4%
3		1	0.1%
4		3	0.3%
5		3	0.3%
6		4	0.4%
7		2	0.2%
8		8	0.7%
9		3	0.3%
10		14	1.2%
11		10	0.9%
12		12	1.1%
13		22	1.9%
14		13	1.1%
15		22	1.9%
16		26	2.3%
17		32	2.8%
18		31	2.7%
19		37	3.2%
20		38	3.3%
21		37	3.2%
22		43	3.8%
23		59	5.2%
24		42	3.7%
25		62	5.4%
26		54	4.7%
27		50	4.4%
28		62	5.4%

29		59	5.2%
30		52	4.6%
31		58	5.1%
32		69	6%
33		118	10.3%
Sysmiss		327	

## ITEM8\_NOURRITURE: Total number of different food items named

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1157   Invalid: 312   Minimum: 0   Maximum: 12  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 12   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		31	2.7%
1		38	3.3%
2		162	14%
3		305	26.4%
4		225	19.4%
5		182	15.7%
6		108	9.3%
7		59	5.1%
8		23	2%
9		14	1.2%
10		5	0.4%
11		4	0.3%
12		1	0.1%
Sysmiss		312	

## ITEM8\_ANIMAUX: Total number of different animals named

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		61	5.3%
1		89	7.7%
2		254	21.9%
3		293	25.3%
4		258	22.3%
5		134	11.6%
6		45	3.9%
7		14	1.2%
8		7	0.6%
9		3	0.3%
Sysmiss		311	

**EXPRESSVOCABTOT: Total number of different food items and animals named; sum of two test items**

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 20  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 20   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		29	2.5%
1		10	0.9%
2		25	2.2%
3		68	5.9%
4		54	4.7%
5		179	15.5%
6		133	11.5%
7		195	16.8%
8		113	9.8%
9		133	11.5%
10		75	6.5%
11		56	4.8%

12		40	3.5%
13		16	1.4%
14		11	0.9%
15		9	0.8%
16		2	0.2%
17		5	0.4%
18		2	0.2%
19		2	0.2%
20		1	0.1%
Sysmiss		311	

### ITEM9\_REVIEW\_RAN: CHECKPOINT

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		20	1.7%
1		1138	98.3%
Sysmiss		311	

### ITEM9\_REMARQUES: After RAN completed, record whether the child showed good persistence on the RAN

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1158   Invalid: 311   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		102	8.8%
1		1056	91.2%

Sysmiss		311	
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### RAN\_3\_TEST1\_ERRORS\_FINAL: RAN Test 1 - number of errors (wrong name, skipped)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1132   Invalid: 337   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		777	68.6%
1		122	10.8%
2		84	7.4%
3		76	6.7%
4		24	2.1%
5		10	0.9%
6		18	1.6%
7		6	0.5%
8		4	0.4%
9		4	0.4%
10		4	0.4%
11		1	0.1%
13		1	0.1%
15		1	0.1%
Sysmiss		337	

### RAN\_3\_TEST1\_AUTOCORRECT\_FINAL: RAN Test 1 - number of autocorrections

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1136   Invalid: 333   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		905	79.7%
1		171	15.1%
2		41	3.6%
3		12	1.1%
4		5	0.4%
5		1	0.1%
15		1	0.1%
Sysmiss		333	

### RAN\_3\_TEST1\_CORRECT\_FINAL: RAN Test 1 - number of images named correctly

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1131    Invalid: 338    Minimum: 0    Maximum: 24  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 24    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	0.1%
2		1	0.1%
3		1	0.1%
4		2	0.2%
5		4	0.4%
6		4	0.4%
7		7	0.6%
8		13	1.1%
9		16	1.4%
10		28	2.5%
11		43	3.8%
12		72	6.4%
13		101	8.9%
14		182	16.1%
15		654	57.8%
23		1	0.1%
24		1	0.1%
Sysmiss		338	

**RAN1TIME: RAN Test 1 - time taken to complete test (in seconds)****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1236   Invalid: 233   Minimum: 0   Maximum: 180  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 180   Format: Numeric

**RAN\_3\_TEST2\_ERRORS\_FINAL: RAN Test 2 - number of errors (wrong name, skipped)****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1133   Invalid: 336   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		893	78.8%
1		87	7.7%
2		51	4.5%
3		55	4.9%
4		16	1.4%
5		9	0.8%
6		8	0.7%
7		2	0.2%
8		4	0.4%
9		2	0.2%
10		2	0.2%
11		1	0.1%
12		2	0.2%
15		1	0.1%
Sysmiss		336	

**RAN\_3\_TEST2\_AUTOCORRECT\_FINAL: RAN Test 2 - number of autocorrections****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1133   Invalid: 336   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		937	82.7%
1		126	11.1%
2		54	4.8%
3		10	0.9%
4		3	0.3%
5		2	0.2%
7		1	0.1%
Sysmiss		336	

### RAN\_3\_TEST2\_CORRECT\_FINAL: RAN Test 2 - number of images named correctly

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1132   Invalid: 337   Minimum: 0   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 24   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3	0.3%
1		1	0.1%
2		1	0.1%
3		2	0.2%
4		1	0.1%
5		2	0.2%
6		5	0.4%
7		6	0.5%
8		4	0.4%
9		11	1%
10		17	1.5%
11		36	3.2%
12		63	5.6%
13		72	6.4%
14		127	11.2%

15		778	68.7%
24		3	0.3%
Sysmiss		337	

### RAN2TIME: RAN Test 2 - time taken to complete test (in seconds)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1232    Invalid: 237    Minimum: 0    Maximum: 177  
 Type: Continuous    Decimal: 0    Width: 3    Range: 0 - 177    Format: Numeric

### RANTIME\_TOT: Total time taken to complete both tests (in seconds); sum of time taken to compl

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1137    Invalid: 332    Minimum: 28    Maximum: 335  
 Type: Continuous    Decimal: 0    Width: 3    Range: 28 - 335    Format: Numeric

### RANERRORS\_TOT: Total number of errors (wrong name, skipped) during RAN; sum of errors made in R

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1136    Invalid: 333    Minimum: 0    Maximum: 30  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 30    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		733	64.5%
1		114	10%
2		75	6.6%
3		49	4.3%
4		42	3.7%
5		33	2.9%
6		28	2.5%
7		15	1.3%
8		10	0.9%

9		4	0.4%
10		7	0.6%
11		4	0.4%
12		4	0.4%
13		5	0.4%
14		3	0.3%
15		1	0.1%
17		1	0.1%
18		2	0.2%
19		2	0.2%
21		1	0.1%
22		1	0.1%
25		1	0.1%
30		1	0.1%
Sysmiss		333	

### ITEM10A\_OB1: Child examined the test materials with interest and curiosity

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1467   Invalid: 2   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		292	19.9%
1		1175	80.1%
Sysmiss		2	

### ITEM10A\_OB2: Child quickly understood the test instructions

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1468   Invalid: 1   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		417	28.4%
1		1051	71.6%
Sysmiss		1	

### ITEM10A\_OB3: Child paid close attention throughout all the tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1466   Invalid: 3   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		458	31.2%
1		1008	68.8%
Sysmiss		3	

### ITEM10A\_OB4: Child was happy/talkative/enjoyed participating in the tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		465	31.8%
1		998	68.2%
Sysmiss		6	

**ITEM10A\_OB5: Child was confident and independent (did not look for mother/caregiver)****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1462   Invalid: 7   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		338	23.1%
1		1124	76.9%
Sysmiss		7	

**ITEM10A\_OB6: Child was shy throughout all the tests****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		979	66.9%
1		484	33.1%
Sysmiss		6	

**ITEM10A\_OB7: Child refused to speak****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1461   Invalid: 8   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1243	85.1%

1		218	14.9%
Sysmiss		8	

### ITEM10A\_OB8: Child was distressed/cried throughout the tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1461 Invalid: 8 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1328	90.9%
1		133	9.1%
Sysmiss		8	

### ITEM10A\_OB9: Child was easily distracted during the tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1467 Invalid: 2 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		870	59.3%
1		597	40.7%
Sysmiss		2	

### ITEM10A\_OB10: Child was disruptive and uncooperative during tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid: Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1340	91.2%
1		129	8.8%

### ITEM10B\_OB1: Child was tired or hungry on day of survey

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1467   Invalid: 2   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1349	92%
1		118	8%
Sysmiss		2	

### ITEM10B\_OB2: Child was sick on day of survey

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1466   Invalid: 3   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1432	97.7%
1		34	2.3%
Sysmiss		3	

### ITEM10B\_OB4: Child completely refused to participate in the tests

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1463   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1287	88%
1		176	12%
Sysmiss		6	

## ITEM10B\_OB5: A translator was used to carry out the tests with the child

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1458   Invalid: 11   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1223	83.9%
1		235	16.1%
Sysmiss		11	

## ITEM10B\_OB6: Is child currently enrolled in an ECD (pre-school) programme?

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1063	72.4%
1		406	27.6%

**ITEM10B\_OB3: Child has a handicap (for example, deaf or mute)****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1460    Invalid: 9    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1450	99.3%
1		10	0.7%
Sysmiss		9	

**ITEM10B\_OB3\_HANDICAP: Description of type of handicap****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:  
 Type: Discrete    Width: 129    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1460	99.4%
A peine ci elle peut parler.		1	0.1%
Handicap du pieds		1	0.1%
Il begue		1	0.1%
Il bègue		1	0.1%
L'enfant avait mal au pied elle ne pouvait pas sauter		1	0.1%
L'enfant est muet, ne peut même pas parler et présente un sérieux problème pour marcher. Il faut toujours l'assistance du tuteur.		1	0.1%
L'enfant ne marche pas et avait des difficulté à parler		1	0.1%
Ne peut pas parler		1	0.1%
Sourde-miètte		1	0.1%

**INTERVIEWER\_ID\_PARENT: Unique identifier of field worker conducting the interview****Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1469    Invalid:

Type: Discrete    Width: 4    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		44	3%
e700		8	0.5%
e701		8	0.5%
e702		20	1.4%
e703		27	1.8%
e704		33	2.2%
e705		46	3.1%
e706		34	2.3%
e707		31	2.1%
e708		50	3.4%
e709		50	3.4%
e710		78	5.3%
e711		14	1%
e712		45	3.1%
e713		37	2.5%
e714		80	5.4%
e715		43	2.9%
e716		40	2.7%
e717		58	3.9%
e718		117	8%
e719		55	3.7%
e720		36	2.5%
e721		34	2.3%
e722		58	3.9%
e723		55	3.7%
e724		54	3.7%
e725		51	3.5%
e726		61	4.2%
e727		45	3.1%
e728		42	2.9%

e729		13	0.9%
e730		46	3.1%
e731		56	3.8%

### AN3\_NORESIDE\_REASON: Records if child was still resident in village in 2016 or not

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1425   Invalid: 44   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1423	99.9%
3		2	0.1%
Sysmiss		44	

### AN3\_NORESIDE\_OTHER: Reason interview not completed in 2016

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1469	100%

### A8\_RELATION\_CHILD: Relationship to child

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1423   Invalid: 46   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		838	58.9%
2		181	12.7%
3		82	5.8%
4		66	4.6%
5		44	3.1%
6		212	14.9%
Sysmiss		46	

### A8\_RELATION\_CHILD\_OTHER: Description of relationship to child

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:  
Type: Continuous   Width: 22   Range: -   Format: character

### AN4\_GUARDIAN: N4. Are you the main person responsible for the welfare of this child?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 403   Invalid: 1066   Minimum: 0   Maximum: 1  
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		65	16.1%
1		338	83.9%
Sysmiss		1066	

### AN5\_INTERVIEW\_HOME: N5. Is interview being done in child's home?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1422   Invalid: 47   Minimum: 0   Maximum: 9  
Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		597	42%
1		824	57.9%
9		1	0.1%
Sysmiss		47	

### B2\_MUM\_AGE: B2. What is the mother's age?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1103   Invalid: 366   Minimum: 15   Maximum: 63  
 Type: Discrete   Decimal: 0   Width: 2   Range: 15 - 63   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
15		5	0.5%
16		4	0.4%
17		5	0.5%
18		18	1.6%
19		20	1.8%
20		102	9.2%
21		12	1.1%
22		46	4.2%
23		34	3.1%
24		26	2.4%
25		105	9.5%
26		54	4.9%
27		45	4.1%
28		57	5.2%
29		39	3.5%
30		194	17.6%
31		23	2.1%
32		47	4.3%
33		19	1.7%

34		12	1.1%
35		69	6.3%
36		27	2.4%
37		16	1.5%
38		21	1.9%
39		10	0.9%
40		45	4.1%
41		4	0.4%
42		6	0.5%
43		5	0.5%
45		13	1.2%
46		3	0.3%
47		2	0.2%
48		2	0.2%
49		3	0.3%
50		7	0.6%
52		1	0.1%
60		1	0.1%
63		1	0.1%
Sysmiss		366	

### BN7\_MUM\_ATTENDSCHOOL: N7. Has the mother ever attended school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1417   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1145	80.8%
1		272	19.2%
Sysmiss		52	

### B3\_MUM\_EDULEVEL: B3. What is the highest level of education that the mother has completed?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 272   Invalid: 1197   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		5	1.8%
1		150	55.1%
2		19	7%
3		59	21.7%
4		15	5.5%
5		14	5.1%
6		4	1.5%
9		6	2.2%
Sysmiss		1197	

## MATLIT: B4. Can the child's mother read?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1409   Invalid: 60   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1196	84.9%
1		213	15.1%
Sysmiss		60	

## B6\_DAD\_AGE: B6. What is the father's age?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 998   Invalid: 471   Minimum: 17   Maximum: 90  
 Type: Continuous   Decimal: 0   Width: 2   Range: 17 - 90   Format: Numeric

**BN8\_DAD\_ATTENDSCHOOL: N8. Has the father ever attended school?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1404   Invalid: 65   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1111	79.1%
1		293	20.9%
Sysmiss		65	

**B7\_DAD\_EDULEVEL: B7. What is the highest level of education that the father has completed?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 293   Invalid: 1176   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		4	1.4%
1		152	51.9%
2		13	4.4%
3		38	13%
4		7	2.4%
5		28	9.6%
6		14	4.8%
9		37	12.6%
Sysmiss		1176	

**B8\_DAD\_READ: B8. Can the father read?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1401   Invalid: 68   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		942	67.2%
1		459	32.8%
Sysmiss		68	

## B8A\_DADREAD\_LANG: B8(A). Which languages?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 6   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1011	68.8%
1		188	12.8%
1 2		10	0.7%
1 2 4		7	0.5%
1 3		1	0.1%
1 3 4		1	0.1%
1 4		59	4%
1 4 77		2	0.1%
1 77		2	0.1%
2		21	1.4%
2 4		1	0.1%
2 4 77		1	0.1%
3		1	0.1%
4		126	8.6%
77		38	2.6%

## B8A\_DADREAD\_LANG\_OTHER: Description of other languages father can read (if not Bambara, Shenara or Mamar)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
Type: Discrete    Width: 11    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1426	97.1%
Anglais		1	0.1%
Arabe		34	2.3%
Coran		4	0.3%
Medersa		1	0.1%
Ne sais pas		2	0.1%
Shènara		1	0.1%

## MAINLANG: B10. What is the main language spoken at home?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423    Invalid: 46    Minimum: 1    Maximum: 7  
Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 7    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		504	35.4%
2		647	45.5%
3		124	8.7%
7		148	10.4%
Sysmiss		46	

## B10\_HOMELANG\_MAIN\_OTHER: Description of main language spoken in home (if not Bambara, Shenara or Mamara)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 10    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1325	90.2%
.bomou		1	0.1%
Arabe		1	0.1%
Bare		1	0.1%
Bobo		10	0.7%
Bobo fing		3	0.2%
Bobo fin		4	0.3%
Bobo fing		3	0.2%
Bobofin		1	0.1%
Bomou		19	1.3%
Bore		23	1.6%
Boré		19	1.3%
Boua		5	0.3%
Dioula		1	0.1%
Dogon		1	0.1%
Dogono		1	0.1%
Fulfulde		1	0.1%
Fulfuldei		1	0.1%
Gana		8	0.5%
Kado		1	0.1%
Peul		1	0.1%
Peule		1	0.1%
Peulh		8	0.5%
Samogo		28	1.9%
Samogp,		1	0.1%
Sampgo		1	0.1%

### B11\_HOMELANG\_ADD: B11. What other languages are spoken at home?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469    Invalid:



Type: Discrete Width: 6 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		49	3.3%
1		853	58.1%
1 2		305	20.8%
1 2 3		2	0.1%
1 2 4		5	0.3%
1 2 77		1	0.1%
1 3		69	4.7%
1 3 4		1	0.1%
1 4		8	0.5%
1 4 77		1	0.1%
1 77		48	3.3%
2		87	5.9%
2 4		2	0.1%
2 77		1	0.1%
3		14	1%
3 77		1	0.1%
4		5	0.3%
77		17	1.2%

**B11\_HOMELANG\_ADD\_OTHER: Description of additional language(s) spoken in home (if not Bambara, Shenara or**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1469 Invalid:

Type: Discrete Width: 14 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1400	95.3%
Arabe		2	0.1%
Arabe Français		1	0.1%

Bobo		11	0.7%
Bobo fin		2	0.1%
Bomou		7	0.5%
Bore		7	0.5%
Boré		2	0.1%
Dafin		1	0.1%
Dioula		3	0.2%
Gana		7	0.5%
Guana		3	0.2%
Langue samogo		2	0.1%
Peulh		4	0.3%
R A S		1	0.1%
R A S		1	0.1%
RAS		1	0.1%
Samogo		13	0.9%
Soniké		1	0.1%

## B12\_CHILD\_FRENCH: B12. Does your child recognize or speak any words in French?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423    Invalid: 46    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1105	77.7%
1		315	22.1%
9		3	0.2%
Sysmiss		46	

## BI1\_MUM\_TOTALCHILDREN: I1. How many children does the mother have at present? (including this child)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423    Invalid: 46    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		73	5.1%
2		259	18.2%
3		269	18.9%
4		249	17.5%
5		232	16.3%
6		159	11.2%
7		79	5.6%
8		51	3.6%
9		25	1.8%
10		13	0.9%
11		7	0.5%
12		2	0.1%
13		1	0.1%
99		4	0.3%
Sysmiss		46	

**B9\_DAD\_TOTALCHILDREN: B9. How many children does the father have, in total (include children of co-wiv**

**Data file:** dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1401   Invalid: 68   Minimum: 1   Maximum: 40  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 40   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		38	2.7%
2		135	9.6%
3		151	10.8%
4		164	11.7%
5		171	12.2%
6		131	9.4%
7		127	9.1%
8		105	7.5%

9		78	5.6%
10		91	6.5%
11		48	3.4%
12		30	2.1%
13		42	3%
14		22	1.6%
15		27	1.9%
16		10	0.7%
17		8	0.6%
18		7	0.5%
19		3	0.2%
20		6	0.4%
26		1	0.1%
28		1	0.1%
30		3	0.2%
31		1	0.1%
40		1	0.1%
Sysmiss		68	

## BI2\_TOTALWANT: I2. How many children, in total, would you like to have?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 984    Invalid: 485    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		16	1.6%
2		20	2%
3		15	1.5%
4		48	4.9%
5		113	11.5%
6		148	15%
7		111	11.3%
8		134	13.6%
9		48	4.9%

10		101	10.3%
11		4	0.4%
12		8	0.8%
13		6	0.6%
14		1	0.1%
15		7	0.7%
16		1	0.1%
18		1	0.1%
20		9	0.9%
99		193	19.6%
Sysmiss		485	

### BI4\_TOTALWANT\_CONTRACEP: I4. If there was a method of contraception available at no cost, how many childr

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 980    Invalid: 489    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		30	3.1%
2		55	5.6%
3		43	4.4%
4		52	5.3%
5		112	11.4%
6		144	14.7%
7		96	9.8%
8		103	10.5%
9		44	4.5%
10		71	7.2%
11		2	0.2%
12		7	0.7%
13		4	0.4%
15		3	0.3%
16		1	0.1%
18		1	0.1%

20		3	0.3%
30		1	0.1%
99		208	21.2%
Sysmiss		489	

## BI8\_CHILDREN\_SCHOOL: I8. Do you have any children already in school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423   Invalid: 46   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		548	38.5%
1		871	61.2%
9		4	0.3%
Sysmiss		46	

## BI9\_CHILDREN\_SCHOOL\_TOTAL: I9. How many children already in school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 871   Invalid: 598   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		368	42.3%
2		244	28%
3		118	13.5%
4		66	7.6%
5		32	3.7%
6		15	1.7%
7		5	0.6%
8		11	1.3%

9		2	0.2%
10		2	0.2%
14		1	0.1%
16		1	0.1%
20		1	0.1%
30		1	0.1%
99		4	0.5%
Sysmiss		598	

### BI10\_CHILDREN\_SCHOOL\_TYPE: I10. Are they in primary or secondary school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 3    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		599	40.8%
1		747	50.9%
1 2		100	6.8%
2		23	1.6%

### BI11\_PAY\_PRIM\_SCH: I11. How much do you pay in total each year to educate one child at primary scho

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Continuous    Width: 25    Range: -    Format: character

### BI12\_PAY\_SECOND\_SCH: I12. How much do you pay in total each year to educate one child at secondary sc

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1348	91.8%
,, 99		1	0.1%
,100000		1	0.1%
1000		1	0.1%
10000		6	0.4%
100000		3	0.2%
15000		9	0.6%
18000		1	0.1%
185000		2	0.1%
20000		8	0.5%
21000		1	0.1%
25000		8	0.5%
3000		1	0.1%
30000		5	0.3%
3500		1	0.1%
35000		4	0.3%
4000		1	0.1%
40000		1	0.1%
45000		1	0.1%
50000		7	0.5%
52500		1	0.1%
55000		2	0.1%
600000		1	0.1%
62000		1	0.1%
75000		3	0.2%
9000		1	0.1%
9500		1	0.1%
99		24	1.6%
999		16	1.1%
9999		2	0.1%
Ne sais pas		6	0.4%
Ne sait pas		1	0.1%



### BI13\_EDUCATE\_CHILD: I13. Would you like to educate this child when they reach the age to begin prima

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1423    Invalid: 46    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		31	2.2%
1		1318	92.6%
9		74	5.2%
Sysmiss		46	

### BI14\_EDUCATE\_WILLPAY: I14. How much are you willing to pay each year for the education of this child?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Continuous    Width: 22    Range: -    Format: character

### BI15\_EDUCATE\_NEED: I15. How much money would you need each year to be able to educate this child?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 75    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1441	98.1%
10000		2	0.1%
14000000		1	0.1%
15000		1	0.1%
2000		1	0.1%

25000		1	0.1%
5000		3	0.2%
99		6	0.4%
999		2	0.1%
9999		3	0.2%
C'est le père qui décidé		1	0.1%
Il ne veut pas		1	0.1%
Il travaillera avec ses frères dans le champ		1	0.1%
Ladji restera à la maison pour s'occuper des travaux domestiques(l'élevage)		1	0.1%
Ne sais pas		1	0.1%
Ne sais pas.		1	0.1%
Pas dis tous interecer		1	0.1%
Pas dis tous interese		1	0.1%

### B13\_COMPLETE\_PRIM: B13. Do you expect that your child will complete primary school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1422 Invalid: 47 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		15	1.1%
1		1334	93.8%
9		73	5.1%
Sysmiss		47	

### B14\_COMPLETE\_SEC: B14. Do you expect your child will complete secondary school?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1423 Invalid: 46 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		16	1.1%
1		1329	93.4%
9		78	5.5%
Sysmiss		46	

### C1A\_STORYBOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1351   Invalid: 118   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		938	69.4%
1		413	30.6%
Sysmiss		118	

### C1B\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1373   Invalid: 96   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		790	57.5%
1		583	42.5%
Sysmiss		96	

### C1C\_NEWMAGS: C1. Do you have any of these types of reading materials available in your

**home...****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1365   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1214	88.9%
1		151	11.1%
Sysmiss		104	

**C1D\_BROCHURES: C1. Do you have any of these types of reading materials available in your home...****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1362   Invalid: 107   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1125	82.6%
1		237	17.4%
Sysmiss		107	

**C1E\_RELIGIOUS\_BOOKS: C1. Do you have any of these types of reading materials available in your home...****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1374   Invalid: 95   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		821	59.8%
1		553	40.2%
Sysmiss		95	

### C1F\_COLOURING\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1381   Invalid: 88   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1155	83.6%
1		226	16.4%
Sysmiss		88	

### C1G\_COMICS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1378   Invalid: 91   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1131	82.1%
1		247	17.9%
Sysmiss		91	

### C1H\_BOOKS\_OTHER: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1346   Invalid: 123   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1341	99.6%
1		5	0.4%
Sysmiss		123	

**C1H\_BOOKS\_OTHERDESC: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 14   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1464	99.7%
Cahier		3	0.2%
Livre de conte		1	0.1%
Livres d'école		1	0.1%

**C2A\_TOYS\_HANDBMADE: C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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0		232	16.3%
1		1189	83.7%
Sysmiss		48	

### C2C\_TOYS\_BOUGHT: C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1408 Invalid: 61 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		628	44.6%
1		780	55.4%
Sysmiss		61	

### C2D\_HOUSEHOLD\_OBJECTS: C2. Does s/he play with: Household objects, such as bowls or pots?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1419 Invalid: 50 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		174	12.3%
1		1245	87.7%
Sysmiss		50	

### C2E\_OUTSIDE\_OBJECTS: C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1422   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		110	7.7%
1		1312	92.3%
Sysmiss		47	

**C2F\_DRAWING\_WRITING: C2. Does s/he play with: Materials for drawing or materials for writing?**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1402   Invalid: 67   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1035	73.8%
1		367	26.2%
Sysmiss		67	

**C2G\_PUZZLES: C2. Does s/he play with: Puzzles/brain teasers?**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1336   Invalid: 133   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1306	97.8%
1		30	2.2%



Sysmiss		133	
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## **C2H\_GAMES\_COLOURSHAPE: C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1392   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		1301	93.5%
1		91	6.5%
Sysmiss		77	

## **C2I\_GAMES\_LETTERS: C2. Does s/he play with: Toys that teach about letters (such as alphabet games,**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1399   Invalid: 70   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		1302	93.1%
1		97	6.9%
Sysmiss		70	

## **C2J\_TOYS\_OTHER: C2. Does s/he play with: Others (specify)?**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1423   Invalid: 46   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1358	95.4%
1		19	1.3%
9		46	3.2%
Sysmiss		46	

### C2J\_TOYS\_OTHERDESC: C2. Does s/he play with: Description of other types of toys

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 17    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1450	98.7%
.Boite de cosre		1	0.1%
Ballon		4	0.3%
Boîte de conserve		8	0.5%
Boîte vide		4	0.3%
Boîte vide,ballon		1	0.1%
Boîtes vides		1	0.1%

### C3A\_READ\_BOOKS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1381    Invalid: 88    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		978	70.8%
1		403	29.2%
Sysmiss		88	

### C3A\_READ\_BOOKS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1066	72.6%
1		24	1.6%
1 2		7	0.5%
1 2 6 7		1	0.1%
1 2 7		1	0.1%
1 6		2	0.1%
1 6 7		1	0.1%
1 7		3	0.2%
2		18	1.2%
2 4		1	0.1%
2 6		5	0.3%
2 7		6	0.4%
4		5	0.3%
4 7		1	0.1%
5		6	0.4%
5 7		2	0.1%
6		63	4.3%
6 7		29	2%
7		228	15.5%

### C3B\_TOLD\_STORIES: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1395   Invalid: 74   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		642	46%
1		753	54%
Sysmiss		74	

**C3B\_TOLD\_STORIES\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 7   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		716	48.7%
1		120	8.2%
1 2		42	2.9%
1 2 4		17	1.2%
1 2 4 5		10	0.7%
1 2 5		1	0.1%
1 2 6		2	0.1%
1 2 6 7		2	0.1%
1 2 7		2	0.1%
1 4		13	0.9%
1 4 5		4	0.3%
1 4 6		1	0.1%
1 4 6 7		1	0.1%
1 4 7		1	0.1%
1 5		1	0.1%
1 6		15	1%
1 6 7		6	0.4%

1 7		18	1.2%
2		52	3.5%
2 4		1	0.1%
2 5		2	0.1%
2 6		1	0.1%
4		102	6.9%
4 5		43	2.9%
4 5 6		1	0.1%
4 5 6 7		1	0.1%
4 6		7	0.5%
4 6 7		5	0.3%
4 7		7	0.5%
5		45	3.1%
5 6		1	0.1%
5 7		1	0.1%
6		57	3.9%
6 7		26	1.8%
7		145	9.9%

### C3C\_SONGS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1406   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		363	25.8%
1		1043	74.2%
Sysmiss		63	

### C3C\_SONGS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469 Invalid:

Type: Discrete Width: 11 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		426	29%
1		230	15.7%
1 2		48	3.3%
1 2 4		15	1%
1 2 4 5		11	0.7%
1 2 4 5 6 7		1	0.1%
1 2 5		2	0.1%
1 2 6		2	0.1%
1 2 6 7		1	0.1%
1 2 7		8	0.5%
1 4		58	3.9%
1 4 5		3	0.2%
1 4 6		2	0.1%
1 4 6 7		7	0.5%
1 4 7		12	0.8%
1 5		4	0.3%
1 5 6		1	0.1%
1 5 6 7		1	0.1%
1 6		13	0.9%
1 6 7		28	1.9%
1 7		63	4.3%
2		18	1.2%
2 4		2	0.1%
2 5		1	0.1%
2 6		1	0.1%
2 6 7		2	0.1%
2 7		2	0.1%
4		86	5.9%
4 5		5	0.3%
4 5 7		1	0.1%
4 6		4	0.3%
4 6 7		4	0.3%

4 7		16	1.1%
5		19	1.3%
5 6 7		1	0.1%
5 7		1	0.1%
6		53	3.6%
6 7		31	2.1%
7		286	19.5%

### C3D\_OUTSIDE\_HOME: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1415    Invalid: 54    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		329	23.3%
1		1086	76.7%
Sysmiss		54	

### C3D\_OUTSIDE\_HOME\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 9    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		383	26.1%
1		355	24.2%
1 2		79	5.4%
1 2 4		24	1.6%
1 2 4 5		9	0.6%

1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		2	0.1%
1 2 5		4	0.3%
1 2 5 6		1	0.1%
1 2 5 7		2	0.1%
1 2 6		2	0.1%
1 2 6 7		4	0.3%
1 2 7		33	2.2%
1 4		10	0.7%
1 4 5		1	0.1%
1 4 5 6 7		1	0.1%
1 4 5 7		1	0.1%
1 4 6		2	0.1%
1 4 6 7		2	0.1%
1 4 7		12	0.8%
1 5		2	0.1%
1 5 6 7		2	0.1%
1 6		18	1.2%
1 6 7		31	2.1%
1 7		127	8.6%
2		33	2.2%
2 4		5	0.3%
2 5 7		4	0.3%
2 6		2	0.1%
2 6 7		4	0.3%
2 7		5	0.3%
4		36	2.5%
4 6		1	0.1%
4 6 7		4	0.3%
4 7		5	0.3%
5		3	0.2%
6		27	1.8%
6 7		24	1.6%
7		206	14%



**C3E\_PLAYED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1415   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		73	5.2%
1		1342	94.8%
Sysmiss		54	

**C3E\_PLAYED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469   Invalid:  
 Type: Continuous   Width: 11   Range: -   Format: character

**C3F\_NAMED\_OBJECTS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1396   Invalid: 73   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		536	38.4%
1		860	61.6%
Sysmiss		73	

**C3F\_NAMED\_OBJECTS\_WHO: C3. In the past 7 days, did you, or another adult in the family or**

## a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469 Invalid:

Type: Discrete Width: 11 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		609	41.5%
1		169	11.5%
1 2		88	6%
1 2 4		16	1.1%
1 2 4 5		11	0.7%
1 2 4 5 6 7		6	0.4%
1 2 4 5 7		1	0.1%
1 2 4 6		2	0.1%
1 2 4 6 7		7	0.5%
1 2 4 7		7	0.5%
1 2 5		4	0.3%
1 2 5 6 7		1	0.1%
1 2 6		9	0.6%
1 2 6 7		14	1%
1 2 7		35	2.4%
1 4		14	1%
1 4 5		4	0.3%
1 4 5 6		1	0.1%
1 4 6		1	0.1%
1 4 6 7		2	0.1%
1 4 7		3	0.2%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 6		13	0.9%
1 6 7		16	1.1%
1 7		46	3.1%
2		67	4.6%
2 4		1	0.1%
2 4 6		1	0.1%
2 5		2	0.1%

2 5 7		1	0.1%
2 6		6	0.4%
2 6 7		1	0.1%
2 7		9	0.6%
4		25	1.7%
4 5		5	0.3%
4 6		2	0.1%
4 6 7		3	0.2%
4 7		3	0.2%
5		12	0.8%
5 6		2	0.1%
5 7		1	0.1%
6		53	3.6%
6 7		26	1.8%
7		168	11.4%

### C3G\_DRAWING: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1398    Invalid: 71    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1016	72.7%
1		382	27.3%
Sysmiss		71	

### C3G\_DRAWING\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1087	74%
1		37	2.5%
1 2		8	0.5%
1 2 4		1	0.1%
1 2 4 5		1	0.1%
1 2 5		1	0.1%
1 2 6		1	0.1%
1 2 7		3	0.2%
1 4		2	0.1%
1 6		1	0.1%
1 7		7	0.5%
2		23	1.6%
2 5 7		1	0.1%
2 7		7	0.5%
4		5	0.3%
4 7		1	0.1%
5		1	0.1%
6		40	2.7%
6 7		25	1.7%
7		217	14.8%

**C3H\_TEACH\_NEW: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1400   Invalid: 69   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		721	51.5%
1		679	48.5%
Sysmiss		69	

### C3H\_TEACH\_NEW\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		790	53.8%
1		96	6.5%
1 2		103	7%
1 2 4		16	1.1%
1 2 4 5		13	0.9%
1 2 4 5 6 7		1	0.1%
1 2 4 6		2	0.1%
1 2 4 6 7		3	0.2%
1 2 4 7		1	0.1%
1 2 5		2	0.1%
1 2 6		15	1%
1 2 6 7		19	1.3%
1 2 7		9	0.6%
1 4		5	0.3%
1 4 5		4	0.3%
1 4 5 7		1	0.1%
1 4 6		2	0.1%
1 4 6 7		5	0.3%
1 4 7		5	0.3%
1 5		1	0.1%
1 5 7		1	0.1%
1 6		14	1%
1 6 7		16	1.1%
1 7		16	1.1%
2		72	4.9%
2 4		2	0.1%
2 4 5		2	0.1%

2 4 6		2	0.1%
2 4 6 7		1	0.1%
2 5		1	0.1%
2 5 6 7		1	0.1%
2 6		4	0.3%
2 6 7		1	0.1%
2 7		11	0.7%
4		14	1%
4 5		1	0.1%
4 5 7		1	0.1%
4 6 7		4	0.3%
5		6	0.4%
6		77	5.2%
6 7		20	1.4%
7		109	7.4%

### C3I\_ALPHABET: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1399    Invalid: 70    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1047	74.8%
1		352	25.2%
Sysmiss		70	

### C3I\_ALPHABET\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1117	76%
1		34	2.3%
1 2		16	1.1%
1 2 4 5		2	0.1%
1 4		1	0.1%
1 6		5	0.3%
1 7		5	0.3%
2		36	2.5%
2 4 7		1	0.1%
2 6		2	0.1%
2 6 7		1	0.1%
2 7		8	0.5%
4		7	0.5%
4 5		3	0.2%
4 6		1	0.1%
5		3	0.2%
5 6		1	0.1%
6		67	4.6%
6 7		17	1.2%
7		142	9.7%

### C3J\_NUMBERS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1404   Invalid: 65   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		769	54.8%
1		635	45.2%
Sysmiss		65	

### C3J\_NUMBERS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
Type: Discrete    Width: 9    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		835	56.8%
1		86	5.9%
1 2		60	4.1%
1 2 4		11	0.7%
1 2 4 5		9	0.6%
1 2 4 5 7		1	0.1%
1 2 4 7		1	0.1%
1 2 6 7		1	0.1%
1 2 7		13	0.9%
1 4		5	0.3%
1 4 5 7		1	0.1%
1 4 6 7		1	0.1%
1 4 7		4	0.3%
1 6		9	0.6%
1 6 7		8	0.5%
1 7		33	2.2%
2		50	3.4%
2 4		4	0.3%
2 5		1	0.1%
2 5 6		1	0.1%
2 6		1	0.1%
2 6 7		1	0.1%
2 7		8	0.5%
4		17	1.2%
4 5		3	0.2%
4 5 6 7		1	0.1%
4 5 7		3	0.2%



4 6 7		3	0.2%
4 7		5	0.3%
5		8	0.5%
5 7		2	0.1%
6		65	4.4%
6 7		29	2%
7		189	12.9%

### C3K\_HUGGED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1411   Invalid: 58   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		88	6.2%
1		1323	93.8%
Sysmiss		58	

### C3K\_HUGGED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:  
 Type: Continuous   Width: 11   Range: -   Format: character

### C3L\_SPANKED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1415   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		110	7.8%
1		1305	92.2%
Sysmiss		54	

### C3L\_SPANKED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		164	11.2%
1		312	21.2%
1 2		300	20.4%
1 2 4		48	3.3%
1 2 4 5		11	0.7%
1 2 4 5 6		4	0.3%
1 2 4 5 6 7		20	1.4%
1 2 4 5 7		1	0.1%
1 2 4 6		2	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		3	0.2%
1 2 5		6	0.4%
1 2 5 6 7		3	0.2%
1 2 6		54	3.7%
1 2 6 7		28	1.9%
1 2 7		31	2.1%
1 4		20	1.4%
1 4 5		6	0.4%
1 4 6		4	0.3%
1 4 6 7		2	0.1%
1 4 7		1	0.1%
1 5		2	0.1%
1 5 6 7		3	0.2%

1 5 7		1	0.1%
1 6		33	2.2%
1 6 7		14	1%
1 7		18	1.2%
2		213	14.5%
2 4		5	0.3%
2 4 5		1	0.1%
2 4 6		2	0.1%
2 5		5	0.3%
2 6		14	1%
2 6 7		4	0.3%
2 7		5	0.3%
4		18	1.2%
4 5		7	0.5%
4 5 6		1	0.1%
4 5 6 7		2	0.1%
4 6		5	0.3%
4 7		1	0.1%
5		9	0.6%
5 7		1	0.1%
6		55	3.7%
6 7		10	0.7%
7		19	1.3%

### C3M\_HIT: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1408   Invalid: 61   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		247	17.5%
1		1161	82.5%
Sysmiss		61	

**C3M\_HIT\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1469    Invalid:

Type: Discrete    Width: 11    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		309	21%
1		222	15.1%
1 2		263	17.9%
1 2 4		39	2.7%
1 2 4 5		9	0.6%
1 2 4 5 6		3	0.2%
1 2 4 5 6 7		15	1%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		2	0.1%
1 2 4 7		2	0.1%
1 2 5		15	1%
1 2 5 6		1	0.1%
1 2 5 6 7		4	0.3%
1 2 6		51	3.5%
1 2 6 7		41	2.8%
1 2 7		52	3.5%
1 4		7	0.5%
1 4 6		1	0.1%
1 4 6 7		1	0.1%
1 5		2	0.1%
1 5 6 7		1	0.1%
1 6		26	1.8%
1 6 7		12	0.8%
1 7		13	0.9%
2		238	16.2%
2 4		4	0.3%
2 4 7		1	0.1%
2 5		2	0.1%
2 6		17	1.2%

2 6 7		3	0.2%
2 7		9	0.6%
4		15	1%
4 5		2	0.1%
4 6		2	0.1%
4 7		1	0.1%
5		5	0.3%
5 6		1	0.1%
5 7		2	0.1%
6		41	2.8%
6 7		12	0.8%
7		21	1.4%

### C3N\_SHOUTED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1413   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		201	14.2%
1		1212	85.8%
Sysmiss		56	

### C3N\_SHOUTED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

		257	17.5%
1		347	23.6%
1 2		265	18%
1 2 4		41	2.8%
1 2 4 5		9	0.6%
1 2 4 5 6		5	0.3%
1 2 4 5 6 7		22	1.5%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		8	0.5%
1 2 4 7		1	0.1%
1 2 5		7	0.5%
1 2 5 6		2	0.1%
1 2 5 6 7		1	0.1%
1 2 6		52	3.5%
1 2 6 7		39	2.7%
1 2 7		31	2.1%
1 4		18	1.2%
1 4 5		1	0.1%
1 4 6		2	0.1%
1 4 6 7		3	0.2%
1 4 7		2	0.1%
1 5		5	0.3%
1 5 6		1	0.1%
1 5 6 7		1	0.1%
1 6		27	1.8%
1 6 7		13	0.9%
1 7		16	1.1%
2		169	11.5%
2 4		2	0.1%
2 4 5		1	0.1%
2 5		1	0.1%
2 5 6		1	0.1%
2 6		12	0.8%
2 6 7		4	0.3%
2 7		4	0.3%
4		18	1.2%
4 5		3	0.2%
4 5 6 7		1	0.1%

4 6		3	0.2%
4 6 7		1	0.1%
5		8	0.5%
5 6		2	0.1%
5 6 7		1	0.1%
5 7		1	0.1%
6		34	2.3%
6 7		13	0.9%
7		12	0.8%

### HHREAD\_SCORE: Number of different types of reading materials reported in home

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1259   Invalid: 210   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		462	36.7%
1		257	20.4%
2		162	12.9%
3		152	12.1%
4		95	7.5%
5		58	4.6%
6		41	3.3%
7		32	2.5%
Sysmiss		210	

### HHTOYS\_SCORE: Number of different types of play items reported in home

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1300   Invalid: 169   Minimum: 0   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		23	1.8%
1		39	3%
2		162	12.5%
3		384	29.5%
4		424	32.6%
5		189	14.5%
6		44	3.4%
7		26	2%
8		9	0.7%
Sysmiss		169	

**HHTOTEDU\_SCORE: Total number of educational objects in home (reading materials and play items)**

**Data file:** dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1184   Invalid: 285   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		21	1.8%
1		26	2.2%
2		88	7.4%
3		190	16%
4		214	18.1%
5		175	14.8%
6		121	10.2%
7		127	10.7%
8		67	5.7%
9		52	4.4%
10		35	3%
11		30	2.5%
12		11	0.9%



13		11	0.9%
14		11	0.9%
15		5	0.4%
Sysmiss		285	

### STIMULATION\_SCORE: Number of different types of adult-child interactions/activities reported in las

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1304   Invalid: 165   Minimum: 0   Maximum: 11  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 11   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		8	0.6%
1		37	2.8%
2		48	3.7%
3		107	8.2%
4		141	10.8%
5		178	13.7%
6		186	14.3%
7		132	10.1%
8		146	11.2%
9		101	7.7%
10		118	9%
11		102	7.8%
Sysmiss		165	

### SCOLD\_SCORE: Number of different types of disciplinary actions reported in last seven days

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1401   Invalid: 68   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		75	5.4%
1		51	3.6%
2		224	16%
3		1051	75%
Sysmiss		68	

**ECCDENROL: D1. Is your child currently enrolled at a preschool or other early learning prog**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1418   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1068	75.3%
1		350	24.7%
Sysmiss		51	

**D2\_ECD\_NOT\_ENROL\_WHY: D2. Why is your child not enrolled at preschool?**

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1469   Invalid:  
 Type: Discrete   Width: 5   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		403	27.4%
0		365	24.8%
0 1		12	0.8%
0 1 2		1	0.1%
0 2		3	0.2%
0 4		3	0.2%

0 9		1	0.1%
1		277	18.9%
1 3		1	0.1%
1 4		1	0.1%
2		102	6.9%
2 4		1	0.1%
3		5	0.3%
4		21	1.4%
5		3	0.2%
6		34	2.3%
8		117	8%
9		119	8.1%

## D2\_ECD\_NOT\_ENROL\_WHY\_OTHER: Description of any additional reasons given by parents for not enrolling child i

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Continuous    Width: 185    Range: -    Format: character

## D4\_ECD\_HOW\_LONG: D4. How long has your child been in this preschool/program?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 349    Invalid: 1120    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		130	37.2%
1		157	45%
2		49	14%
9		13	3.7%
Sysmiss		1120	

**D6\_ECD\_DAYS: D6. In the last week, how many days did he/she go to ECCD?****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 348    Invalid: 1121    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		291	83.6%
2		43	12.4%
3		4	1.1%
4		10	2.9%
Sysmiss		1121	

**E1\_ROOF: E1. What kind of roof does your house have?****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1423    Invalid: 46    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		28	2%
2		84	5.9%
3		1295	91%
4		11	0.8%
8		3	0.2%
9		2	0.1%
Sysmiss		46	

**E1\_ROOF\_OTHER: Description of other types of roofing materials****Data file:** dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:

Type: Discrete    Width: 16    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1466	99.8%
Béton		1	0.1%
Toiture en dalle		1	0.1%
Tôle métallique		1	0.1%

## E2\_WALLS: E2. What kind of walls does your house have?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423    Invalid: 46    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		357	25.1%
2		960	67.5%
3		10	0.7%
5		1	0.1%
6		63	4.4%
8		19	1.3%
9		13	0.9%
Sysmiss		46	

## E2\_WALLS\_OTHER: Description of other types of wall materials

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 13    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1450	98.7%
Murs inachévé		1	0.1%
Pas de mûr		1	0.1%
Pas de murs		17	1.2%

### E3\_FLOOR: E3. What kind of floor does your house have?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1423   Invalid: 46   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		921	64.7%
2		497	34.9%
3		5	0.4%
Sysmiss		46	

### E3\_FLOOR\_OTHER: Description of other types of flooring

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1249	85%
.		220	15%

### E4\_LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1423   Invalid: 46   Minimum: 1   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		4	0.3%
2		30	2.1%
3		8	0.6%
4		20	1.4%
5		1121	78.8%
6		6	0.4%
7		167	11.7%
8		67	4.7%
Sysmiss		46	

## E4\_LIGHT\_OTHER: Description of other types of lighting

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469   Invalid:  
 Type: Discrete   Width: 31   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1402	95.4%
Batterie		61	4.2%
Batterie puis ampoules chinoise		1	0.1%
Cikinè		1	0.1%
Ciquinè		1	0.1%
Groupe elèctrogène		1	0.1%
Lampe a huile		1	0.1%
Yélé Coura		1	0.1%

**RADIO: Does anyone in your household own the following... Radio?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1422   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		279	19.6%
1		1143	80.4%
Sysmiss		47	

**TV: Does anyone in your household own the following... Television?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1419   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		612	43.1%
1		807	56.9%
Sysmiss		50	

**MOPED: Does anyone in your household own the following... Moped or motorbike?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1420   Invalid: 49   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		183	12.9%



1		1237	87.1%
Sysmiss		49	

### CAR: Does anyone in your household own the following... Motor vehicle (tractor, car, lo

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1423 Invalid: 46 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1208	84.9%
1		215	15.1%
Sysmiss		46	

### PHONE: Does anyone in your household own the following... Mobile phone?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1422 Invalid: 47 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		46	3.2%
1		1376	96.8%
Sysmiss		47	

### SOLAR: Does anyone in your household own the following... Solar panel?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1422 Invalid: 47 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		248	17.4%
1		1174	82.6%
Sysmiss		47	

## COW: Does anyone in your household own the following... Cows (any number)?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		255	17.9%
1		1166	82.1%
Sysmiss		48	

## GOAT: Does anyone in your household own the following... Goats and/or sheep (any number)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		194	13.7%
1		1227	86.3%
Sysmiss		48	

## HORSE: Does anyone in your household own the following... Horse and/or donkey (any number)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1422   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		262	18.4%
1		1160	81.6%
Sysmiss		47	

## CART: Does anyone in your household own the following... Horse or donkey-drawn Cart?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1422   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		214	15%
1		1208	85%
Sysmiss		47	

## E6\_LIVELIHOOD: E6. What is the household's main source of livelihood?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 1   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

1		1342	94.4%
2		4	0.3%
3		21	1.5%
4		17	1.2%
5		26	1.8%
8		11	0.8%
Sysmiss		48	

## E6\_LIVELIHOOD\_OTHER: Description of other source of income

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 20    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1458	99.3%
Couture		1	0.1%
Diplôme sans emploi		1	0.1%
Elevage		1	0.1%
L'élevage		1	0.1%
Locateur		1	0.1%
Mansonnerie		1	0.1%
Marabout		1	0.1%
Menuiserie		1	0.1%
Or		1	0.1%
Pêche		1	0.1%
Photographe		1	0.1%

## E7\_MUM\_PAIDWORK: E7. During the past 7 days, did the mother of the child do any kind of paid work

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1422    Invalid: 47    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1239	87.1%
1		165	11.6%
9		18	1.3%
Sysmiss		47	

**E8\_DAD\_PAIDWORK: E8. During the past 7 days, did the father of the child do any kind of paid work?**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1166	82.1%
1		226	15.9%
9		29	2%
Sysmiss		48	

**EMPLOY: E6. What is the household's main source of livelihood?**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1342	94.4%
1		79	5.6%
Sysmiss		48	

**ROOF: Type of building materials used in construction of roof of family home****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		112	7.9%
1		1309	92.1%
Sysmiss		48	

**WALLS: Type of building materials used in construction of walls of family home****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1410   Invalid: 59   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1337	94.8%
1		73	5.2%
Sysmiss		59	

**FLOOR: Type of building materials used for floor of family home****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1423   Invalid: 46   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		921	64.7%
1		502	35.3%
Sysmiss		46	

## LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1423 Invalid: 46 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		296	20.8%
1		1127	79.2%
Sysmiss		46	

## WEALTHINDEX: PCA score using data on household assets, house structure and paid work

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1398 Invalid: 71 Minimum: 0 Maximum: 3.34487533569336  
 Type: Continuous Decimal: 0 Width: 17 Range: 0 - 3.34487533569336 Format: Numeric

## WEALTH5CAT: Overall wealth index divided into five quintiles

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1398 Invalid: 71 Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		266	19%
1		276	19.7%

2		245	17.5%
3		101	7.2%
4		510	36.5%
Sysmiss		71	

## WEALTH2CAT: Binary grouping to identify the poorest households (two lowest quintiles vs rest

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1398   Invalid: 71   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		542	38.8%
1		856	61.2%
Sysmiss		71	

## ASSETSINDEX: PCA score using data on household assets only

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1412   Invalid: 57   Minimum: 0   Maximum: 2.72523880004883  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 2.72523880004883   Format: Numeric

## ASSETS5CAT: Household assets index divided into five quintiles

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1412   Invalid: 57   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		267	18.9%
1		274	19.4%



2		268	19%
3		26	1.8%
4		577	40.9%
Sysmiss		57	

## MEALSDAY: N9. How many times did your child eat a meal yesterday (include snacks)?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1422   Invalid: 47   Minimum: 1   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		4	0.3%
2		50	3.5%
3		415	29.2%
4		509	35.8%
5		444	31.2%
Sysmiss		47	

## GRAINS: Did your child eat any of the following foods yesterday... Grains: millet, sorghum

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1414   Invalid: 55   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		2	0.1%
1		1412	99.9%
Sysmiss		55	

**ROOTS: Did your child eat any of the following foods yesterday... Roots: cassava, potato,****Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1403   Invalid: 66   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1063	75.8%
1		340	24.2%
Sysmiss		66	

**BEANSNUTS: Did your child eat any of the following foods yesterday... Beans and nuts (arachid****Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1401   Invalid: 68   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		537	38.3%
1		864	61.7%
Sysmiss		68	

**OTHEREVEG: Did your child eat any of the following foods yesterday... Other vegetables?****Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1118   Invalid: 351   Minimum: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 -   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		1118	100%
Sysmiss		351	

### FRUIT: Did your child eat any of the following foods yesterday... Fruit?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1416   Invalid: 53   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		72	5.1%
1		1344	94.9%
Sysmiss		53	

### MEATFISH: Did your child eat any of the following foods yesterday... Meat, Poultry or Fish?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1413   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		447	31.6%
1		966	68.4%
Sysmiss		56	

### MILK: Did your child eat any of the following foods yesterday... Milk?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1411   Invalid: 58   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		923	65.4%
1		488	34.6%
Sysmiss		58	

## EGGS: Did your child eat any of the following foods yesterday... Eggs?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1406   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1117	79.4%
1		289	20.6%
Sysmiss		63	

## PALMOIL: Did your child eat any of the following foods yesterday... Palm oil?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1409   Invalid: 60   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1247	88.5%
1		162	11.5%
Sysmiss		60	

**OTHEROIL: Did your child eat any of the following foods yesterday... Other oils and fats?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1411   Invalid: 58   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		91	6.4%
1		1320	93.6%
Sysmiss		58	

**LIMITDIET: Dietary diversity limited by lack of resources****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1393   Invalid: 76   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		873	62.7%
1		520	37.3%
Sysmiss		76	

**HUNGRY: Amount of food limited by lack of resources****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1415   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1305	92.2%

1		110	7.8%
Sysmiss		54	

### FG3\_WASH\_HANDS1: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1421   Invalid: 48   Minimum: 1   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		477	33.6%
2		10	0.7%
3		36	2.5%
4		2	0.1%
5		12	0.8%
6		865	60.9%
8		4	0.3%
9		15	1.1%
Sysmiss		48	

### FG3\_WASH\_HANDS2: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1202   Invalid: 267   Minimum: 2   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		540	44.9%
3		99	8.2%
4		53	4.4%
5		122	10.1%
6		380	31.6%

8		6	0.5%
9		2	0.2%
Sysmiss		267	

### FG3\_WASH\_HANDS3: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 710    Invalid: 759    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		223	31.4%
4		103	14.5%
5		277	39%
6		89	12.5%
8		16	2.3%
9		2	0.3%
Sysmiss		759	

### FG3\_WASH\_HANDS4: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 352    Invalid: 1117    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		70	19.9%
4		67	19%
5		208	59.1%
8		7	2%
Sysmiss		1117	

**FG3\_WASH\_HANDS5: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 122    Invalid: 1347    Minimum: 4    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		44	36.1%
5		75	61.5%
8		3	2.5%
Sysmiss		1347	

**FG3\_WASH\_HANDS6: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 35    Invalid: 1434    Minimum: 5    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 5 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
5		29	82.9%
8		6	17.1%
Sysmiss		1434	

**FG3\_WASH\_HANDS\_OTHER: Description of other times hands are washed****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:  
 Type: Discrete    Width: 52    Range: -    Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1422	96.8%
Après le champs		1	0.1%
Après avoir quitter au champ		1	0.1%
Après chaque activité		1	0.1%
Après chaque activité		2	0.1%
Après chaque travail		1	0.1%
Après de jouer		1	0.1%
Après le reveil		1	0.1%
Après le travail		1	0.1%
Après les champs		1	0.1%
Après les dépôts de fumure organique dans les champs		1	0.1%
Après les promenades		1	0.1%
Après les sorties en ville		2	0.1%
Après les travaux		1	0.1%
Après les travaux au jardin, les ablutions		1	0.1%
Après les travaux aux champs		2	0.1%
Après les travaux champêtre		1	0.1%
Après les travaux en brousse		1	0.1%
Après toute sorte de travail		1	0.1%
Après toute sorte de travaux		1	0.1%
Après un travail		1	0.1%
Au moment des prieres		1	0.1%
Au réveil		1	0.1%
Au réveil et au soir		1	0.1%
Au réveil le matin		1	0.1%
Avant défaire les prieres		1	0.1%
Chaque ablutions		1	0.1%
La vaisselle		1	0.1%
Matin		1	0.1%
Ne fait pas		1	0.1%
Né fait pas		1	0.1%
Pdt les prieres		2	0.1%
Pdt les priere		1	0.1%
Pdt les prieres		4	0.3%
Pdt les. Prieres		1	0.1%

Pendant le moment des priere		1	0.1%
Prière aussi		1	0.1%
Sa ne fait pas		1	0.1%
Transporter du fumier dans le jardin		1	0.1%
Travaux du champ		1	0.1%
Vaisselle		1	0.1%

## ATTENDINFO: Parent attended at least one information session for parents

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1347 Invalid: 122 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		839	62.3%
1		508	37.7%
Sysmiss		122	

## FN12A\_LEARN4: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 508 Invalid: 961 Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		424	83.5%
2		12	2.4%
3		12	2.4%
4		22	4.3%
5		8	1.6%
6		1	0.2%

7		1	0.2%
8		3	0.6%
9		24	4.7%
10		1	0.2%
Sysmiss		961	

### FN12A\_LEARN5: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 453    Invalid: 1016    Minimum: 2    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		67	14.8%
3		119	26.3%
4		180	39.7%
5		39	8.6%
6		9	2%
7		3	0.7%
8		10	2.2%
9		8	1.8%
10		12	2.6%
11		6	1.3%
Sysmiss		1016	

### FN12A\_LEARN6: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 379    Invalid: 1090    Minimum: 3    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		52	13.7%
4		77	20.3%
5		97	25.6%
6		57	15%
7		19	5%
8		18	4.7%
9		2	0.5%
10		45	11.9%
11		12	3.2%
Sysmiss		1090	

### FN12A\_LEARN7: N13(A). What were the three most important things you learnt during those session

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 58 Invalid: 1411 Minimum: 4 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 4 - 11 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
4		22	37.9%
5		6	10.3%
6		5	8.6%
7		3	5.2%
10		15	25.9%
11		7	12.1%
Sysmiss		1411	

### FN12A\_LEARN8: N13(A). What were the three most important things you learnt during those session

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 12 Invalid: 1457 Minimum: 5 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 10 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		4	33.3%
6		5	41.7%
7		2	16.7%
10		1	8.3%
Sysmiss		1457	

**FN12A\_LEARN9: N13(A). What were the three most important things you learnt during those sessio**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 4   Invalid: 1465   Minimum: 6   Maximum: 11  
 Type: Discrete   Decimal: 0   Width: 2   Range: 6 - 11   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
6		1	25%
7		2	50%
11		1	25%
Sysmiss		1465	

**FN12A\_LEARN10: N13(A). What were the three most important things you learnt during those sessio**

**Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1   Invalid: 1468   Minimum: 11   Maximum: 11  
 Type: Discrete   Decimal: 0   Width: 2   Range: 11 - 11   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
11		1	100%

Sysmiss		1468	
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### FN12A\_LEARN11: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: Invalid: 1469 Maximum: \*  
Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
Sysmiss	

### FN12A\_LEARN3\_OTHER: Description of other things learnt in sessions

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid:  
Type: Discrete Width: 66 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1438	97.9%
Allaitement exclusif de l'enfant jusqu'à 6 mois		1	0.1%
Alphabétisation des enfants		1	0.1%
Bien éduquer l'enfant		1	0.1%
Comment allaiter un enfant		1	0.1%
Comment allaiter son enfant, allaitement uniquement jusqu'à 6 mois		1	0.1%
Consultation prénale et l'aletement maternelle		1	0.1%
Dormir sous moustiquaire		1	0.1%
Dormir sous moustiquaire		2	0.1%
Habiller proprement les enfants de corps et d habits		1	0.1%
Habits propre		1	0.1%
L'allaitement maternel		1	0.1%
L'éducation des enfants		1	0.1%

L allaitement maternelle, planification familiale		1	0.1%
L éducation		2	0.1%
L importance du lait maternel		1	0.1%
L importance du lait maternelle		1	0.1%
La scolarisation des enfants		1	0.1%
La vaccination des enfants		1	0.1%
Laver les enfants dormir sous moustiquaire		1	0.1%
Laver les mains de l'enfant avant de lui donner à manger		1	0.1%
Le paludisme. La planification. et la suivi de la grossesse.		1	0.1%
Lutte contre l'excision		1	0.1%
Méthode de contraception		1	0.1%
Ne pas donner de l'eau à l'enfant		1	0.1%
Ne rien. donner à l'enfant avant 6 mois		1	0.1%
Planification		1	0.1%
Scolarisation des enfants		2	0.1%
Tous ce qu'il a retenir		1	0.1%

### FN13\_LEARN\_SAME\_VILL: N13. Have you ever shared or discussed what you learnt with anyone else living i

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1420 Invalid: 49 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		951	67%
1		389	27.4%
9		80	5.6%
Sysmiss		49	

### FN14\_LEARN\_DIFF\_VILL: N14. Have you ever shared or discussed what you learnt with anyone else in livin

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1420 Invalid: 49 Minimum: 0 Maximum: 9

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1145	80.6%
1		190	13.4%
9		85	6%
Sysmiss		49	

### FG5\_MNP\_2016: G5. Have you ever added these sachets to your child's food?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1357    Invalid: 112    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		768	56.6%
1		589	43.4%
Sysmiss		112	

### FG6\_MNP\_2016\_FREQ: G6. On how many days in the last 7 days, were these sachets added to your child'

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 2    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		880	59.9%
0		7	0.5%
1		448	30.5%



1a		36	2.5%
2		57	3.9%
3		10	0.7%
9		31	2.1%

### FG7\_NO\_MNP\_REASONS1: G7. The days when the sachet was not added to your child's food, what were the r

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 587    Invalid: 882    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		369	62.9%
1		5	0.9%
2		13	2.2%
3		11	1.9%
4		99	16.9%
5		36	6.1%
6		3	0.5%
7		1	0.2%
8		5	0.9%
9		33	5.6%
10		3	0.5%
13		9	1.5%
Sysmiss		882	

### FG7\_NO\_MNP\_REASONS2: G7. The days when the sachet was not added to your child's food, what were the r

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 34    Invalid: 1435    Minimum: 1    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 11    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		14	41.2%
3		1	2.9%
4		6	17.6%
5		8	23.5%
6		1	2.9%
9		1	2.9%
11		3	8.8%
Sysmiss		1435	

**FG7\_NO\_MNP\_REASONS3: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 12   Invalid: 1457   Minimum: 2   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		11	91.7%
4		1	8.3%
Sysmiss		1457	

**FG7\_NO\_MNP\_REASONS4: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid:   Invalid: 1469   Maximum: \*  
 Type: Discrete   Decimal: 0   Width: 1   Range: - \*   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
Sysmiss	

### FG7\_NO\_MNP\_REASONS\_OTHER: Description of other reason for not using MNPs

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 19    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1464	99.7%
Difficile à donner		1	0.1%
Manque de MNP		1	0.1%
Manque des aliments		1	0.1%
Oublié		1	0.1%
Oublier		1	0.1%

### FN15\_MNP\_CHILD\_LIKE: N15. Does your child like to eat the food with the sachet added?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 587    Invalid: 882    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		21	3.6%
1		553	94.2%
9		13	2.2%
Sysmiss		882	

### FG8\_MNP\_FOODTYPE1: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 589    Invalid: 880    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		553	93.9%
2		3	0.5%
3		4	0.7%
4		1	0.2%
8		9	1.5%
9		19	3.2%
Sysmiss		880	

## FG8\_MNP\_FOODTYPE2: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 194    Invalid: 1275    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		19	9.8%
3		51	26.3%
4		54	27.8%
5		7	3.6%
8		63	32.5%
Sysmiss		1275	

## FG8\_MNP\_FOODTYPE3: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 21    Invalid: 1448    Minimum: 3    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
3		3	14.3%
4		6	28.6%
8		11	52.4%
9		1	4.8%
Sysmiss		1448	

### FG8\_MNP\_FOODTYPE4: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 2    Invalid: 1467    Minimum: 4    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		1	50%
8		1	50%
Sysmiss		1467	

### FG8\_MNP\_FOODTYPE\_OTHER: Description of other foods MNPs were added to

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 34    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1385	94.3%
Aliment liquide pomme de terre		1	0.1%
Aliments liquide		2	0.1%
Atieke		1	0.1%

Banan		1	0.1%
Bouillon		2	0.1%
Cafe		6	0.4%
Café		15	1%
Café sauce		1	0.1%
Café et sauce		1	0.1%
Café, riz, pomme de terre, haricot		1	0.1%
Haricot		2	0.1%
Harocot		1	0.1%
Lait		1	0.1%
Macaroni		1	0.1%
Patate		1	0.1%
Pomme de t erre		1	0.1%
Pomme de terre		3	0.2%
Pomme de Terre		1	0.1%
Pomme de terre et banane		1	0.1%
Pomme de terre patate		1	0.1%
Pomme de terre patate courge		1	0.1%
Pomme de terre riz		2	0.1%
Pomme de terre. Riz		1	0.1%
Pomme terre		1	0.1%
Riz		12	0.8%
Riz , café		1	0.1%
Riz pomme de terre		1	0.1%
Riz,spaghettis		1	0.1%
Sauce		13	0.9%
Sauce du riz		2	0.1%
Sauce et café		2	0.1%
Soupe		3	0.2%

## FG10\_NOMNP\_FOODTYPE1: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 588    Invalid: 881    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

### Questions and instructions

CATEGORIES

Value	Category	Cases	
1		262	44.6%
2		80	13.6%
3		81	13.8%
4		7	1.2%
8		13	2.2%
9		145	24.7%
Sysmiss		881	

### FG10\_NOMNP\_FOODTYPE2: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 206    Invalid: 1263    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		59	28.6%
3		122	59.2%
4		8	3.9%
8		17	8.3%
Sysmiss		1263	

### FG10\_NOMNP\_FOODTYPE3: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 19    Invalid: 1450    Minimum: 3    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 4    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		17	89.5%
4		2	10.5%
Sysmiss		1450	

**FG10\_NOMNP\_FOODTYPE4: G10. To what kind of foods should the MNPs NOT be added to?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1    Invalid: 1468    Minimum: 8    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 8 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
8		1	100%
Sysmiss		1468	

**FG10\_NOMNP\_FOODTYPE\_OTHER: Description of other foods that should not be used to give MNPs****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1469    Invalid:  
 Type: Discrete    Width: 26    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1438	97.9%
Aliments couche		1	0.1%
Beignets d'haricot		1	0.1%
Cafe		1	0.1%
Café		13	0.9%
Lait		2	0.1%
Riz		8	0.5%
Riz gras les aliments secs		1	0.1%
Sauce		2	0.1%
Sauce gombo		1	0.1%
Soupe		1	0.1%



## FG11\_MNP\_DIFFICULT: G11. On the whole, do you think that giving your child the MNPs was difficult to

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 585    Invalid: 884    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		542	92.6%
2		14	2.4%
3		7	1.2%
4		22	3.8%
Sysmiss		884	

## FG12\_MNP\_CHILD\_CHANGED: G12. Have you noticed any changes in your child since you began giving him/her M

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 588    Invalid: 881    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		27	4.6%
1		534	90.8%
9		27	4.6%
Sysmiss		881	

## FG12A\_MNP\_CHANGES1: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 533    Invalid: 936    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		24	4.5%
1		251	47.1%
2		164	30.8%
3		12	2.3%
4		30	5.6%
5		4	0.8%
8		4	0.8%
9		3	0.6%
10		4	0.8%
11		18	3.4%
12		13	2.4%
13		6	1.1%
Sysmiss		936	

### FG12A\_MNP\_CHANGES2: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 312    Invalid: 1157    Minimum: 1    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		5	1.6%
2		176	56.4%
3		20	6.4%
4		86	27.6%
5		13	4.2%
8		2	0.6%
11		3	1%
12		4	1.3%
13		3	1%
Sysmiss		1157	

**FG12A\_MNP\_CHANGES3: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 116    Invalid: 1353    Minimum: 2    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 12    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		6	5.2%
3		36	31%
4		61	52.6%
5		9	7.8%
8		1	0.9%
9		1	0.9%
12		2	1.7%
Sysmiss		1353	

**FG12A\_MNP\_CHANGES4: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 30    Invalid: 1439    Minimum: 3    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 13    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		1	3.3%
4		26	86.7%
5		2	6.7%
13		1	3.3%
Sysmiss		1439	

**FG12A\_MNP\_CHANGES5: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 2    Invalid: 1467    Minimum: 4    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 5    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		1	50%
5		1	50%
Sysmiss		1467	

## FG12A\_MNP\_CHANGES\_OTHER: Description of other changes seen in child

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 23    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1462	99.5%
Aucun changement		1	0.1%
Bollonnement abdominale		1	0.1%
Changement de teint		3	0.2%
Je n es rien remarque		1	0.1%
Vomissement		1	0.1%

## FG13B\_MNP\_TREATMENT: 13(B). Did you need to take the child for medical treatment at CSCom or elsewhere

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 64    Invalid: 1405    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		20	31.3%
1		42	65.6%
9		2	3.1%
Sysmiss		1405	

### FG14\_MNP\_AGAIN: G14. Do you want to give your child MNPs again, when the distribution starts aga

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 588 Invalid: 881 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		8	1.4%
1		577	98.1%
9		3	0.5%
Sysmiss		881	

### MNPADD: Did child ever receive MNPs?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1357 Invalid: 112 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		768	56.6%
1		589	43.4%
Sysmiss		112	

**MNP\_DAYS: How many times per week did child receive MNPs?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1319    Invalid: 150    Minimum: 0    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		768	58.2%
1		10	0.8%
2		57	4.3%
4		36	2.7%
7		448	34%
Sysmiss		150	

**GF5\_NET\_USE: F5. Does your child sleep usually under a bed net?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1421    Invalid: 48    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		73	5.1%
1		1344	94.6%
9		4	0.3%
Sysmiss		48	

**GF6\_NET\_LASTNIGHT: F6. Did your child sleep under a bed net last night?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1341    Invalid: 128    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		50	3.7%
1		1278	95.3%
9		13	1%
Sysmiss		128	

### SMC: Child received SMC (seasonal malaria chemoprevention) during rainy season 2015

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1374   Invalid: 95   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		102	7.4%
1		1272	92.6%
Sysmiss		95	

### GF8A\_SMC\_2015\_FREQ: F8(A). How many times did the child receive the tablets?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1272   Invalid: 197   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		193	15.2%
2		642	50.5%
3		321	25.2%
8		47	3.7%

9		68	5.3%
Sysmiss		197	

## GF8A\_SMC\_2015\_FREQ\_OTHER: Description of other frequency of SMC

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469 Invalid:  
Type: Discrete Width: 6 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1422	96.8%
1/an		9	0.6%
2/an		12	0.8%
3		1	0.1%
3/an		8	0.5%
4 fois		3	0.2%
4 mois		1	0.1%
4/an		2	0.1%
4fois		8	0.5%
5/an		1	0.1%
5fois		2	0.1%

## GN16\_SMC\_EFFECTCHILD: N16. Do you think the tablets have a good effect or a bad effect on your child's

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1420 Invalid: 49 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1271	89.5%
1		13	0.9%



2		18	1.3%
9		118	8.3%
Sysmiss		49	

## GN16A\_SMC\_BAD\_EFFECT: N16(A). What bad effects have you noticed?

Data file: dataset\_cograparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1469    Invalid:  
 Type: Discrete    Width: 55    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1438	97.9%
Diarrhée		4	0.3%
Diarrhée vertiges vomissements		1	0.1%
Enfant a quelquefois eu la diarrhée		1	0.1%
Fievre		1	0.1%
Fièvre		1	0.1%
L'enfant a été malade et l'a amené a l'hôpital		1	0.1%
L'enfant a été malade et on l'amené à l'hôpital		1	0.1%
L'enfant a vomit lorsqu'il a pris le comprimé		1	0.1%
L'enfant devient malade après la prise de ces comprimés		1	0.1%
L enfant a vomissait		1	0.1%
L enfant est tombé malade fièvre diarrhée vomissement		1	0.1%
Malaise		1	0.1%
Paiudisme		1	0.1%
Palu		1	0.1%
Secoue l'enfant		1	0.1%
Vomissement		3	0.2%
Vomissement maux de ventre		1	0.1%
Vomissements		7	0.5%
Vomissements diarrhée		1	0.1%
Vomissements fièvre		1	0.1%

## GF14\_SMC\_AGAIN: F14. Do you want your child to receive the tablets when the malaria treatment st

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1420 Invalid: 49 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		10	0.7%
1		1395	98.2%
9		15	1.1%
Sysmiss		49	

## ITN\_LASTNIGHT: F6. Did your child sleep under a bed net last night?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1417 Invalid: 52 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		139	9.8%
1		1278	90.2%
Sysmiss		52	

## HF3\_SICK\_2WKS: F3. Has your child been sick at any time in the last two weeks?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1420 Invalid: 49 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1159	81.6%
1		254	17.9%
9		7	0.5%
Sysmiss		49	

### HF3A\_SICK\_DESCRIBE: 3(A). Describe your child's illness(es)

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid:

Type: Discrete Width: 5 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1216	82.8%
1		76	5.2%
1 2		11	0.7%
1 2 3		1	0.1%
1 2 4		2	0.1%
1 2 6		1	0.1%
1 3		4	0.3%
1 3 8		1	0.1%
1 4		1	0.1%
1 4 5		1	0.1%
1 4 8		1	0.1%
1 6		1	0.1%
1 7		1	0.1%
2		51	3.5%
2 3		6	0.4%
2 3 4		1	0.1%
2 4		1	0.1%
2 4 6		2	0.1%
2 4 7		1	0.1%
2 6		1	0.1%
2 7		1	0.1%
2 8		5	0.3%

2 9		1	0.1%
3		38	2.6%
3 8		2	0.1%
5		6	0.4%
5 7		1	0.1%
6		6	0.4%
6 8		1	0.1%
7		11	0.7%
8		15	1%
9		2	0.1%

### HF3A\_SICK\_DESCRIBE\_OTHER: Description of other illness that child experienced

Data file: dataset\_cogsraparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469 Invalid:

Type: Discrete Width: 24 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1444	98.3%
Accès pernicieux		1	0.1%
Anémie		1	0.1%
Blessure		1	0.1%
Céphalées		3	0.2%
Conjonctivite		1	0.1%
Dermatose		1	0.1%
Éruption cutanée		1	0.1%
Éruption cutanée.		1	0.1%
Grippe		1	0.1%
Infection Bucco-dentaire		1	0.1%
Mal au pied		1	0.1%
Mal aux yeux		1	0.1%
Otalgies		1	0.1%
Problème optique		3	0.2%
Rhume		2	0.1%
Rhym		1	0.1%

Rhyme		1	0.1%
Varicelle		3	0.2%

## HH1\_PLAY: H1. In the last 7 days, how often has your child been well enough to play with o

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		44	3.1%
1		59	4.2%
2		171	12%
3		1145	80.6%
9		2	0.1%
Sysmiss		48	

## HH2\_SLEEP: H2. In the last 7 days, how well has your child been sleeping?

Data file: dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1421   Invalid: 48   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3	0.2%
1		32	2.3%
2		161	11.3%
3		1222	86%
9		3	0.2%
Sysmiss		48	

**HH3\_ACTIVE: H3. In the last 7 days, how often has your child been active/energetic?****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1420   Invalid: 49   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		5	0.4%
1		55	3.9%
2		214	15.1%
3		1144	80.6%
9		2	0.1%
Sysmiss		49	

**HAD\_PARENT\_2016: Derived variable which confirms that a parent interview was completed in 2016****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1425   Invalid: 44   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1425	100%
Sysmiss		44	

**AT\_LEAST\_ONE\_SURVEY2014: Derived variable which confirms that child was included in one or more of the cr****Data file:** dataset\_cogsrparent\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1207   Invalid: 262   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
1		1207	100%
Sysmiss		262	

**START\_COG: Date and time cognitive assessment started****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:

Type: Continuous    Width: 21    Range: -    Format: character

**COG2016\_DATE: Date of cognitive assessment in string format****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:

Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.1%
2016-06-24		75	4.8%
2016-06-25		68	4.4%
2016-06-26		72	4.6%
2016-06-27		75	4.8%
2016-06-28		73	4.7%
2016-06-29		56	3.6%
2016-06-30		79	5.1%
2016-07-01		75	4.8%
2016-07-02		62	4%
2016-07-03		79	5.1%
2016-07-06		1	0.1%
2016-07-07		81	5.2%
2016-07-08		78	5%
2016-07-09		58	3.7%
2016-07-10		45	2.9%
2016-07-11		64	4.1%
2016-07-12		61	3.9%
2016-07-13		53	3.4%
2016-07-14		51	3.3%
2016-07-15		46	2.9%
2016-07-16		52	3.3%
2016-07-17		42	2.7%



2016-07-18		30	1.9%
2016-07-19		41	2.6%
2016-07-20		32	2%
2016-07-21		53	3.4%
2016-07-22		48	3.1%
2016-07-23		11	0.7%

## COG2016\_DATESURVEY: Date of cognitive assessment

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 10    Range: -    Format: date

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.1%
2016-06-24		75	4.8%
2016-06-25		68	4.4%
2016-06-26		72	4.6%
2016-06-27		75	4.8%
2016-06-28		73	4.7%
2016-06-29		56	3.6%
2016-06-30		79	5.1%
2016-07-01		75	4.8%
2016-07-02		62	4%
2016-07-03		79	5.1%
2016-07-06		1	0.1%
2016-07-07		81	5.2%
2016-07-08		78	5%
2016-07-09		58	3.7%
2016-07-10		45	2.9%
2016-07-11		64	4.1%
2016-07-12		61	3.9%
2016-07-13		53	3.4%
2016-07-14		51	3.3%
2016-07-15		46	2.9%

2016-07-16		52	3.3%
2016-07-17		42	2.7%
2016-07-18		30	1.9%
2016-07-19		41	2.6%
2016-07-20		32	2%
2016-07-21		53	3.4%
2016-07-22		48	3.1%
2016-07-23		11	0.7%

## INTERVIEWER\_ID\_COG: Unique identifier of cognitive assessor

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:

Type: Discrete    Width: 4    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
e700		20	1.3%
e702		31	2%
e703		25	1.6%
e704		27	1.7%
e705		33	2.1%
e706		33	2.1%
e707		35	2.2%
e710		70	4.5%
e716		49	3.1%
e718		1	0.1%
e725		4	0.3%
e730		9	0.6%
e731		68	4.4%
e732		18	1.2%
e733		76	4.9%
e734		63	4%
e735		101	6.5%
e736		79	5.1%
e737		71	4.5%

e738		63	4%
e739		68	4.4%
e740		66	4.2%
e741		103	6.6%
e742		58	3.7%
e743		52	3.3%
e744		69	4.4%
e745		64	4.1%
e746		77	4.9%
e747		66	4.2%
e748		64	4.1%

### CHILDIDSIEF: Unique identifier of child

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
Type: Continuous Width: 7 Range: - Format: character

### VILLAGENAME: Village name

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
Type: Continuous Width: 21 Range: - Format: character

### CERCLENAME: District name

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
Type: Discrete Width: 7 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Sikasso		1359	86.9%
Yorosso		204	13.1%

**COMMUNENAME: Sub-district name****Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1563    Invalid:

Type: Discrete    Width: 21    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Danderesso		150	9.6%
Diomatene		20	1.3%
Doumanaba		67	4.3%
Farakala		72	4.6%
Finkolo		83	5.3%
Gongasso		61	3.9%
Kaboila		162	10.4%
Kafouziela		17	1.1%
Kapala		69	4.4%
Kapolondougou		106	6.8%
Klela		91	5.8%
Kolokoba		102	6.5%
Koumbia		48	3.1%
Kouoro		16	1%
Koury		71	4.5%
Mahou		29	1.9%
Menaba		19	1.2%
Menaba 1		19	1.2%
Menamba 1		18	1.2%
Missirikoro		40	2.6%
Natien		95	6.1%
Niena		81	5.2%
Pimperna		76	4.9%
Sokourani-Missirikoro		30	1.9%
Zanferebougou		21	1.3%

**VILLAGEUBSID: Unique identifier of village****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563   Invalid:   Minimum: 1011   Maximum: 2242  
 Type: Continuous   Decimal: 0   Width: 4   Range: 1011 - 2242   Format: Numeric

**CERCLEID: Unique identifier of district****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563   Invalid:   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1359	86.9%
2		204	13.1%

**COMMUNEID: communeid****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563   Invalid:   Minimum: 1   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 24   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		83	5.3%
2		69	4.4%
3		106	6.8%
4		21	1.3%
5		61	3.9%
6		67	4.3%
7		95	6.1%
8		72	4.6%
9		102	6.5%

10		40	2.6%
11		30	1.9%
12		162	10.4%
13		76	4.9%
14		91	5.8%
15		17	1.1%
16		16	1%
17		81	5.2%
18		150	9.6%
19		20	1.3%
21		48	3.1%
22		71	4.5%
23		56	3.6%
24		29	1.9%

### COMMUNEUBSID: Unique identifier of sub-district

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:    Minimum: 101    Maximum: 224  
 Type: Discrete    Decimal: 0    Width: 3    Range: 101 - 224    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
101		83	5.3%
102		69	4.4%
103		106	6.8%
104		21	1.3%
105		61	3.9%
106		67	4.3%
107		95	6.1%
108		72	4.6%
109		102	6.5%
110		40	2.6%
111		30	1.9%
112		162	10.4%
113		76	4.9%

114		91	5.8%
115		17	1.1%
116		16	1%
117		81	5.2%
118		150	9.6%
119		20	1.3%
221		48	3.1%
222		71	4.5%
223		56	3.6%
224		29	1.9%

### ECDVILLAGE: Villages with an ECD pre-school program

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0	non-ECD	457	29.2%
1	ECD village	1106	70.8%

### TRIALARM: Classifies 90 villages according to presence of ECD and/or intervention received

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0	non-ECD	457	29.2%
1	ECD control	560	35.8%
2	MNP intervention	546	34.9%

**ARMBLIND: Ignore - for analysis use variable trialarm****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:  
 Type: Discrete    Width: 1    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
R		560	35.8%
X		457	29.2%
Z		546	34.9%

**AGEGROUP\_COG: Age group of child in 2014 surveys****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:    Minimum: 5    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 5 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
5		1563	100%

**AGE\_COGTEST\_MONTHS: Age in months at time of cognitive assessment in 2016****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:    Minimum: 25    Maximum: 91.9232864379883  
 Type: Continuous    Decimal: 0    Width: 16    Range: 25 - 91.9232864379883    Format: Numeric

**SEX\_COG: Sex of child****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1533 Invalid: 30 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		736	48%
2		797	52%
Sysmiss		30	

## LANG\_CHILD\_ALL: Language spoken by the child (mother tongue)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid: Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	738	47.2%
2	Shenara	694	44.4%
3	Mamara	90	5.8%
4	French	0	0%
5	Bobo	2	0.1%
6	Bomu	35	2.2%
7	Peulh	2	0.1%
8	Samogo	1	0.1%
9	Sarakole	1	0.1%
10	Dogono	0	0%

## LANG\_ASSESS\_ALL: Language that was used to speak to the child during the cognitive assessment

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1562 Invalid: 1 Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	846	54.2%
2	Shenara	629	40.3%
3	Mamara	72	4.6%
4	French	0	0%
5	Bobo	2	0.1%
6	Bomu	12	0.8%
7	Peulh	0	0%
8	Samogo	0	0%
9	Sarakole	0	0%
10	Dogono	1	0.1%
Sysmiss		1	

**LANGASSESS\_MATCH:** Variable created to indicate if cognitive assessment was conducted in child's mo

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	same	1448	92.6%
1	different	115	7.4%

**N2\_CHILD\_RES\_VILL:** Records if child was still resident in village in 2016 or not

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563 Invalid: Minimum: 1 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
1		1563	100%

**COGBATTERY\_AGE: Age related to specific battery of cognitive tests used to assess child**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1563   Invalid:   Minimum: 3   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		10	0.6%
5		1553	99.4%

**TAMTAM\_SCORE: Ice-breaker exercise**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1561   Invalid: 2   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		33	2.1%
1		444	28.4%
2		1084	69.4%
Sysmiss		2	

**SAUTER\_SCORE: Child could hop (at least one hop)**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		49	3.2%
1		1464	96.8%
Sysmiss		50	

**SAUTER\_NOMBRE:** Number of times that child was able to hop on one foot (without putting the other

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513    Invalid: 50    Minimum: 0    Maximum: 18  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 18    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		47	3.1%
1		9	0.6%
2		32	2.1%
3		48	3.2%
4		24	1.6%
5		66	4.4%
6		84	5.6%
7		73	4.8%
8		113	7.5%
9		106	7%
10		909	60.1%
12		1	0.1%
18		1	0.1%
Sysmiss		50	

**BALANCE1\_NOMBRE:** The number of seconds a child was able to balance standing on one foot (without

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1500   Invalid: 63   Minimum: 0   Maximum: 56  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 56   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		40	2.7%
1		40	2.7%
2		251	16.7%
3		365	24.3%
4		257	17.1%
5		216	14.4%
6		267	17.8%
7		26	1.7%
8		15	1%
9		7	0.5%
10		4	0.3%
12		2	0.1%
13		1	0.1%
14		3	0.2%
15		1	0.1%
16		1	0.1%
17		1	0.1%
18		1	0.1%
26		1	0.1%
56		1	0.1%
Sysmiss		63	

**BALANCE2\_NOMBRE: The number of seconds a child was able to balance standing on one foot**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1504   Invalid: 59   Minimum: 0   Maximum: 19  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 19   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		43	2.9%
1		69	4.6%
2		304	20.2%
3		338	22.5%
4		255	17%
5		194	12.9%
6		263	17.5%
7		21	1.4%
8		7	0.5%
9		5	0.3%
10		2	0.1%
13		1	0.1%
18		1	0.1%
19		1	0.1%
Sysmiss		59	

### MIXED\_TAPE1: 1. The child tapped on the table

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid: 94   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		53	3.6%
1		1416	96.4%
Sysmiss		94	

### MIXED\_APPL1: 2. The child applauded (clapped their hands)

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1466   Invalid: 97   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		80	5.5%
1		1386	94.5%
Sysmiss		97	

### **MIXED\_APPL2: 3. The child applauded (clapped their hands)**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1471   Invalid: 92   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		115	7.8%
1		1356	92.2%
Sysmiss		92	

### **MIXED\_TAPE2: 4. The child tapped on the table**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1468   Invalid: 95   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		116	7.9%
1		1352	92.1%
Sysmiss		95	

**MIXED\_TAPE3: 5. The child tapped on the table****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1481   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		122	8.2%
1		1359	91.8%
Sysmiss		82	

**MIXED\_APPL3: 6. The child applauded (clapped their hands)****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1483   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		115	7.8%
1		1368	92.2%
Sysmiss		80	

**MIXED\_TOTALSCORE: Mixed instructions total score****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1431   Invalid: 132   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		19	1.3%



1		6	0.4%
2		15	1%
3		38	2.7%
4		84	5.9%
5		103	7.2%
6		1166	81.5%
Sysmiss		132	

### **MIXEDTOT: Mixed instructions total score (average accounting for missing values)**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1483   Invalid: 80   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 16   Range: 0 - 6   Format: Numeric

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		19	1.3%
1		6	0.4%
2		15	1%
3		39	2.6%
3.60000014305115		3	0.2%
4		84	5.7%
4.5		1	0.1%
4.80000019073486		3	0.2%
5		103	6.9%
6		1210	81.6%
Sysmiss		80	

### **COGBATTERY\_ABANDON: Battery was stopped and the reason noted.**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1483   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		20	1.3%
1		1463	98.7%
Sysmiss		80	

### HSKT\_PRACTA1: Practice round A - What do you do when I say «touch your head?»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1450   Invalid: 113   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		123	8.5%
1		123	8.5%
2		1204	83%
Sysmiss		113	

### HSKT\_PRACTA2: What do you do when I say «touch your feet?»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		127	8.7%
1		116	7.9%
2		1220	83.4%
Sysmiss		100	

**HSKT\_PRACTB1: Practice round B - «Touch your head»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1453   Invalid: 110   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		176	12.1%
1		134	9.2%
2		1143	78.7%
Sysmiss		110	

**HSKT\_PRACTB2: «Touch your feet»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1441   Invalid: 122   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		186	12.9%
1		104	7.2%
2		1151	79.9%
Sysmiss		122	

**HSKT\_PRACTB3: «Touch your head»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		197	13.5%
1		99	6.8%
2		1159	79.7%
Sysmiss		108	

### HSKT\_PRACTB4: «Touch your feet»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		220	15%
1		101	6.9%
2		1142	78.1%
Sysmiss		100	

### HSKT\_TEST1: Test round: «Touch your head»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1448   Invalid: 115   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		249	17.2%
1		169	11.7%
2		1030	71.1%
Sysmiss		115	

**HSKT\_TEST2: «Touch your feet»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1452   Invalid: 111   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		279	19.2%
1		120	8.3%
2		1053	72.5%
Sysmiss		111	

**HSKT\_TEST3: «Touch your feet»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1449   Invalid: 114   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		483	33.3%
1		181	12.5%
2		785	54.2%
Sysmiss		114	

**HSKT\_TEST4: «Touch your head»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		441	30.3%
1		127	8.7%
2		887	61%
Sysmiss		108	

### HSKT\_TEST5: «Touch your feet»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1452   Invalid: 111   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		460	31.7%
1		120	8.3%
2		872	60.1%
Sysmiss		111	

### HSKT\_TEST6: «Touch your head»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1446   Invalid: 117   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		427	29.5%
1		111	7.7%
2		908	62.8%
Sysmiss		117	

**HSKT\_TEST7: «Touch your head»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1451   Invalid: 112   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		429	29.6%
1		141	9.7%
2		881	60.7%
Sysmiss		112	

**HSKT\_TEST8: «Touch your feet»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1450   Invalid: 113   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		418	28.8%
1		102	7%
2		930	64.1%
Sysmiss		113	

**HSKT\_TEST9: «Touch your head»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		394	27.1%
1		98	6.7%
2		962	66.2%
Sysmiss		109	

### HSKT\_TEST10: «Touch your feet»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		391	26.7%
1		97	6.6%
2		975	66.6%
Sysmiss		100	

### HSKT\_TEST11: «Touch your shoulders»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1450   Invalid: 113   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		230	15.9%
1		194	13.4%
2		1026	70.8%
Sysmiss		113	



**HSKT\_TEST12: «Touch your knees»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		248	17.1%
1		124	8.5%
2		1082	74.4%
Sysmiss		109	

**HSKT\_TEST13: «Touch your knees»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1453   Invalid: 110   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		433	29.8%
1		187	12.9%
2		833	57.3%
Sysmiss		110	

**HSKT\_TEST14: «Touch your shoulders»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		411	28.3%
1		128	8.8%
2		915	62.9%
Sysmiss		109	

### HSKT\_TEST15: «Touch your knees»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1456   Invalid: 107   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		416	28.6%
1		109	7.5%
2		931	63.9%
Sysmiss		107	

### HSKT\_TEST16: «Touch your shoulders»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1453   Invalid: 110   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		419	28.8%
1		120	8.3%
2		914	62.9%
Sysmiss		110	

**HSKT\_TEST17: «Touch your shoulders»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		390	26.8%
1		167	11.5%
2		898	61.7%
Sysmiss		108	

**HSKT\_TEST18: «Touch your knees»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		383	26.3%
1		110	7.6%
2		962	66.1%
Sysmiss		108	

**HSKT\_TEST19: «Touch your shoulders»****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		369	25.3%
1		116	8%
2		974	66.8%
Sysmiss		104	

### HSKT\_TEST20: «Touch your knees»

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		369	25.3%
1		95	6.5%
2		995	68.2%
Sysmiss		104	

### HSKT\_PERSIST: The child showed a good level of persistence during the games

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		202	13.8%
1		1261	86.2%
Sysmiss		100	

**HSKTTOT: Total head shoulders knees and toes score****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 40  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 40   Format: Numeric

**PERSONAL\_1: The child could say their name and surname****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		110	7.5%
1		1351	92.5%
Sysmiss		102	

**PERSONAL\_2: The child could correctly identify their sex when asked if they were a boy or a****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		58	4%
1		1401	96%
Sysmiss		104	

**PERSONAL\_3: The child correctly named their village/community/neighbourhood****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1460 Invalid: 103 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		467	32%
1		993	68%
Sysmiss		103	

## PERSONAL\_4: Connaissance de l'état/du pays

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1463 Invalid: 100 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1375	94%
1		88	6%
Sysmiss		100	

## PERSONAL\_TOT: Personal information total score (Sum of personal\_1 - personal\_4)

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1454 Invalid: 109 Minimum: 0 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		22	1.5%
1		69	4.7%
2		421	29%

3		862	59.3%
4		80	5.5%
Sysmiss		109	

### SPAN\_PRACT5A: Practise round (2 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		68	4.6%
1		1395	95.4%
Sysmiss		100	

### SPAN\_PRACT5B: Practise round (2 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		80	5.5%
1		1382	94.5%
Sysmiss		101	

### SPAN\_PRACT5C: Practise round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		300	20.5%
1		1162	79.5%
Sysmiss		101	

### SPAN\_PRACT5D: Practise round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		272	18.6%
1		1187	81.4%
Sysmiss		104	

### SPAN\_2DIGITS1: Test round (2 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		70	4.8%
1		1392	95.2%
Sysmiss		101	



**SPAN\_2DIGITS2: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1460   Invalid: 103   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		107	7.3%
1		1353	92.7%
Sysmiss		103	

**SPAN\_2DIGITS3: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		86	5.9%
1		1373	94.1%
Sysmiss		104	

**SPAN\_2DIGITS4: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		90	6.2%

1		1365	93.8%
Sysmiss		108	

### SPAN\_2DIGITS\_STOP: Stop the test?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1308	89.4%
1		155	10.6%
Sysmiss		100	

### SPAN\_3DIGITS1: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1305   Invalid: 258   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		249	19.1%
1		1056	80.9%
Sysmiss		258	

### SPAN\_3DIGITS2: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1306   Invalid: 257   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		383	29.3%
1		923	70.7%
Sysmiss		257	

### SPAN\_3DIGITS3: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1306   Invalid: 257   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		437	33.5%
1		869	66.5%
Sysmiss		257	

### SPAN\_3DIGITS4: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1303   Invalid: 260   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		489	37.5%
1		814	62.5%
Sysmiss		260	

**SPAN\_3DIGITS\_STOP: Stop the test?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1308   Invalid: 255   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1091	83.4%
1		217	16.6%
Sysmiss		255	

**SPAN\_4DIGITS1: Test round (4 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1091   Invalid: 472   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		752	68.9%
1		339	31.1%
Sysmiss		472	

**SPAN\_4DIGITS2: Test round (4 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1091   Invalid: 472   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		850	77.9%

1		241	22.1%
Sysmiss		472	

### SPAN\_4DIGITS3: Test round (4 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1091   Invalid: 472   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		892	81.8%
1		199	18.2%
Sysmiss		472	

### SPAN\_4DIGITS4: Test round (4 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1088   Invalid: 475   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		852	78.3%
1		236	21.7%
Sysmiss		475	

### SPAN\_4DIGITS\_STOP: Stop the test?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1091   Invalid: 472   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		375	34.4%
1		716	65.6%
Sysmiss		472	

### SPAN\_5DIGITS1: Test round (5 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 375    Invalid: 1188    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		309	82.4%
1		66	17.6%
Sysmiss		1188	

### SPAN\_5DIGITS2: Test round (5 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 375    Invalid: 1188    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		318	84.8%
1		57	15.2%
Sysmiss		1188	

**SPAN\_5DIGITS3: Test round (5 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 375    Invalid: 1188    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		331	88.3%
1		44	11.7%
Sysmiss		1188	

**SPAN\_5DIGITS4: Test round (5 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 375    Invalid: 1188    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		341	90.9%
1		34	9.1%
Sysmiss		1188	

**SPAN\_5DIGITS\_STOP: Stop the test?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 375    Invalid: 1188    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		75	20%

1		300	80%
Sysmiss		1188	

### SPAN\_6DIGITS1: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 75   Invalid: 1488   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		67	89.3%
1		8	10.7%
Sysmiss		1488	

### SPAN\_6DIGITS2: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 75   Invalid: 1488   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		72	96%
1		3	4%
Sysmiss		1488	

### SPAN\_6DIGITS3: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 75   Invalid: 1488   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		72	96%
1		3	4%
Sysmiss		1488	

### SPAN\_6DIGITS4: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 74   Invalid: 1489   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		73	98.6%
1		1	1.4%
Sysmiss		1489	

### SPAN\_2DIGITS\_SCORE: Total score from 2-digit block

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		60	4.1%
1.25		13	0.9%
1.5		13	0.9%
1.66666674613953		3	0.2%
1.75		45	3.1%
2		1328	90.8%

Sysmiss		101	
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### SPAN\_3DIGITS\_SCORE: Total score from 3-digit block

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1306   Invalid: 257   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.1%
1.25		5	0.4%
1.5		7	0.5%
1.75		12	0.9%
1.91666674613953		1	0.1%
2		183	14%
2.08333325386047		1	0.1%
2.25		75	5.7%
2.5		164	12.6%
2.66666674613953		2	0.2%
2.75		205	15.7%
3		650	49.8%
Sysmiss		257	

### SPAN\_4DIGITS\_SCORE: Total score from 4-digit block

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1090   Invalid: 473   Minimum: 1   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 4   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.1%
1.25		1	0.1%

1.91666674613953		1	0.1%
2		5	0.5%
2.08333325386047		1	0.1%
2.25		63	5.8%
2.5		138	12.7%
2.66666674613953		1	0.1%
2.75		154	14.1%
3		385	35.3%
3.25		83	7.6%
3.5		75	6.9%
3.66666674613953		1	0.1%
3.75		65	6%
4		116	10.6%
Sysmiss		473	

### SPAN\_5DIGITS\_SCORE: Total score from 5-digit block

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 374    Invalid: 1189    Minimum: 2.25    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 16    Range: 2.25 - 5    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2.25		1	0.3%
2.5		4	1.1%
2.75		10	2.7%
3		37	9.9%
3.25		64	17.1%
3.5		63	16.8%
3.66666674613953		1	0.3%
3.75		45	12%
4		91	24.3%
4.25		25	6.7%
4.5		12	3.2%
4.75		10	2.7%
5		11	2.9%

Sysmiss		1189	
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### SPAN\_6DIGITS\_SCORE: Total score from 6-digit block

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 75    Invalid: 1488    Minimum: 3.5    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 4    Range: 3.5 - 6    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3.5		6	8%
3.75		7	9.3%
4		14	18.7%
4.25		19	25.3%
4.5		8	10.7%
4.75		8	10.7%
5		10	13.3%
5.5		2	2.7%
6		1	1.3%
Sysmiss		1488	

### SPANTOT: Total forward digit span score (span2+span3+span4+span5+span6)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462    Invalid: 101    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 16    Range: 1 - 6    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		59	4%
1.25		12	0.8%
1.5		9	0.6%
1.66666674613953		1	0.1%
1.75		22	1.5%

1.91666674613953		1	0.1%
2		260	17.8%
2.08333325386047		1	0.1%
2.25		68	4.7%
2.5		143	9.8%
2.66666674613953		1	0.1%
2.75		156	10.7%
3		384	26.3%
3.25		72	4.9%
3.5		70	4.8%
3.66666674613953		1	0.1%
3.75		49	3.4%
4		95	6.5%
4.25		24	1.6%
4.5		11	0.8%
4.75		10	0.7%
5		10	0.7%
5.5		2	0.1%
6		1	0.1%
Sysmiss		101	

## VOCAB\_NOURRITURE5: Total number of different foods the child correctly named in 60 seconds

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		17	1.2%
1		20	1.4%
2		108	7.4%
3		252	17.2%
4		314	21.5%
5		257	17.6%
6		196	13.4%

7		130	8.9%
8		75	5.1%
9		55	3.8%
10		17	1.2%
11		8	0.5%
12		11	0.8%
13		1	0.1%
15		1	0.1%
Sysmiss		101	

### VOCAB\_ANIMAUX5: Total number of different animals the child correctly named in 60 seconds

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 18  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 18   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		33	2.3%
1		52	3.6%
2		144	9.8%
3		287	19.6%
4		401	27.4%
5		312	21.3%
6		143	9.8%
7		57	3.9%
8		25	1.7%
9		6	0.4%
10		2	0.1%
18		1	0.1%
Sysmiss		100	

### EXPRESSVOCABTOT: Total number of different foods and animals the child correctly named in 60 seco

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 33  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 33   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		15	1%
1		6	0.4%
2		10	0.7%
3		32	2.2%
4		32	2.2%
5		97	6.6%
6		122	8.3%
7		203	13.9%
8		183	12.5%
9		196	13.4%
10		148	10.1%
11		131	9%
12		83	5.7%
13		71	4.9%
14		46	3.1%
15		36	2.5%
16		19	1.3%
17		15	1%
18		6	0.4%
19		4	0.3%
20		2	0.1%
21		3	0.2%
22		1	0.1%
33		1	0.1%
Sysmiss		101	

**VISUAL\_S\_5\_BALLONS\_FINAL: Number of balls correctly identified in the picture sequence (15 ball images in**

**Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1476   Invalid: 87   Minimum: 0   Maximum: 15

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		34	2.3%
2		1	0.1%
3		8	0.5%
4		9	0.6%
5		15	1%
6		9	0.6%
7		20	1.4%
8		29	2%
9		24	1.6%
10		30	2%
11		64	4.3%
12		81	5.5%
13		117	7.9%
14		184	12.5%
15		851	57.7%
Sysmiss		87	

**VISUAL\_S\_5\_MOSQUITO\_FINAL: Number of mosquitos correctly identified in the picture sequence (18 mosquito im**

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1402    Invalid: 161    Minimum: 0    Maximum: 18

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 18    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		37	2.6%
1		7	0.5%
2		3	0.2%
3		11	0.8%
4		11	0.8%



5		17	1.2%
6		16	1.1%
7		25	1.8%
8		38	2.7%
9		47	3.4%
10		64	4.6%
11		68	4.9%
12		84	6%
13		83	5.9%
14		101	7.2%
15		105	7.5%
16		113	8.1%
17		129	9.2%
18		443	31.6%
Sysmiss		161	

## VISUAL\_S\_5\_ERRORS\_FINAL: Errors of omission and commission

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1467   Invalid: 96   Minimum: 0   Maximum: 64  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 64   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		803	54.7%
1		152	10.4%
2		112	7.6%
3		82	5.6%
4		74	5%
5		58	4%
6		47	3.2%
7		26	1.8%
8		21	1.4%
9		20	1.4%
10		11	0.7%
11		10	0.7%

12		9	0.6%
13		4	0.3%
14		7	0.5%
15		7	0.5%
16		1	0.1%
17		3	0.2%
18		1	0.1%
19		3	0.2%
20		1	0.1%
22		2	0.1%
23		2	0.1%
24		2	0.1%
27		1	0.1%
29		1	0.1%
31		2	0.1%
32		1	0.1%
35		2	0.1%
40		1	0.1%
64		1	0.1%
Sysmiss		96	

## VISUALSEARCH\_TOT: Visual search total points

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1397   Invalid: 166   Minimum: 0   Maximum: 33  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 33   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		33	2.4%
3		1	0.1%
4		1	0.1%
5		1	0.1%
6		6	0.4%
7		4	0.3%
8		3	0.2%

9		3	0.2%
10		3	0.2%
11		3	0.2%
12		4	0.3%
13		14	1%
14		10	0.7%
15		10	0.7%
16		18	1.3%
17		17	1.2%
18		10	0.7%
19		21	1.5%
20		21	1.5%
21		26	1.9%
22		32	2.3%
23		49	3.5%
24		41	2.9%
25		54	3.9%
26		72	5.2%
27		69	4.9%
28		78	5.6%
29		83	5.9%
30		98	7%
31		108	7.7%
32		136	9.7%
33		368	26.3%
Sysmiss		166	

## RAN\_5\_ABANDON: Stop the test?

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		15	1%

1		1447	99%
Sysmiss		101	

### RAN\_5\_PERSIST: Did the child show a good level of persistence during the task?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1447   Invalid: 116   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		54	3.7%
1		1393	96.3%
Sysmiss		116	

### RAN\_5\_TEST1\_ERRORS\_FINAL: Number of errors

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1439   Invalid: 124   Minimum: 0   Maximum: 23  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 23   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		914	63.5%
1		165	11.5%
2		112	7.8%
3		74	5.1%
4		54	3.8%
5		52	3.6%
6		21	1.5%
7		8	0.6%
8		14	1%
9		8	0.6%
10		3	0.2%

11		2	0.1%
12		2	0.1%
13		2	0.1%
14		2	0.1%
15		1	0.1%
17		1	0.1%
18		1	0.1%
20		2	0.1%
23		1	0.1%
Sysmiss		124	

### RAN\_5\_TEST1\_AUTOCORRECT\_FINAL: Test 1: Number of autocorrections

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1444   Invalid: 119   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 6   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1028	71.2%
1		277	19.2%
2		108	7.5%
3		21	1.5%
4		5	0.3%
5		4	0.3%
6		1	0.1%
Sysmiss		119	

### RAN\_5\_TEST1\_CORRECT\_FINAL: Test 1: Number of images correctly named in sequence

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1427   Invalid: 136   Minimum: 1   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 24   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.1%
3		1	0.1%
4		1	0.1%
6		2	0.1%
8		1	0.1%
9		2	0.1%
10		2	0.1%
11		1	0.1%
12		5	0.4%
13		2	0.1%
14		6	0.4%
15		10	0.7%
16		15	1.1%
17		14	1%
18		32	2.2%
19		68	4.8%
20		64	4.5%
21		86	6%
22		177	12.4%
23		246	17.2%
24		691	48.4%
Sysmiss		136	

### RAN1TIME: Total time in seconds taken to complete Test 1

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 295  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 295   Format: Numeric

### RAN\_5\_TEST2\_ERRORS\_FINAL: Number of errors made in naming images (18 unique values)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1435   Invalid: 128   Minimum: 0   Maximum: 22

Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 22    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1120	78%
1		117	8.2%
2		50	3.5%
3		41	2.9%
4		29	2%
5		35	2.4%
6		12	0.8%
7		8	0.6%
8		4	0.3%
9		6	0.4%
10		3	0.2%
11		3	0.2%
12		2	0.1%
13		1	0.1%
16		1	0.1%
17		1	0.1%
18		1	0.1%
22		1	0.1%
Sysmiss		128	

## RAN\_5\_TEST2\_AUTOCORRECT\_FINAL: Number of auto-corrections

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1440    Invalid: 123    Minimum: 0    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1111	77.2%
1		222	15.4%
2		76	5.3%

3		19	1.3%
4		6	0.4%
5		4	0.3%
6		1	0.1%
8		1	0.1%
Sysmiss		123	

### **RAN\_5\_TEST2\_CORRECT\_FINAL: Number of images named correctly (i.e. right name given and images named in the**

**Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1420   Invalid: 143   Minimum: 2   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 2 - 24   Format: Numeric

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
2		1	0.1%
6		1	0.1%
7		1	0.1%
8		1	0.1%
11		2	0.1%
12		4	0.3%
13		1	0.1%
14		7	0.5%
15		4	0.3%
16		7	0.5%
17		13	0.9%
18		21	1.5%
19		31	2.2%
20		35	2.5%
21		72	5.1%
22		111	7.8%
23		209	14.7%
24		899	63.3%
Sysmiss		143	



**RAN2TIME: Total time in seconds taken to complete Test 2****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1453   Invalid: 110   Minimum: 0   Maximum: 283  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 283   Format: Numeric

**RANTIME\_TOT: Total time taken in seconds to complete test 1 and test 2 (ran1time + ran2time)****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1443   Invalid: 120   Minimum: 36   Maximum: 578  
 Type: Continuous   Decimal: 0   Width: 3   Range: 36 - 578   Format: Numeric

**RANERRORS\_TOT: Total number of errors made in naming images during the Test 1 and Test 2****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1447   Invalid: 116   Minimum: 0   Maximum: 42  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 42   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		865	59.8%
1		161	11.1%
2		107	7.4%
3		55	3.8%
4		58	4%
5		29	2%
6		27	1.9%
7		33	2.3%
8		23	1.6%
9		20	1.4%
10		19	1.3%
11		8	0.6%
12		6	0.4%
13		5	0.3%
14		4	0.3%

15		1	0.1%
16		4	0.3%
17		5	0.3%
18		5	0.3%
19		1	0.1%
20		3	0.2%
21		2	0.1%
22		1	0.1%
25		1	0.1%
30		1	0.1%
34		1	0.1%
41		1	0.1%
42		1	0.1%
Sysmiss		116	

### BOOK\_A: (a) Correctly pointed out the book cover

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1447   Invalid: 116   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		221	15.3%
1		1226	84.7%
Sysmiss		116	

### BOOK\_B: (b) Correctly opened the book (the book is the right way around and not upside d

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		336	23%
1		1122	77%
Sysmiss		105	

### BOOK\_C: (c) Indicated the first word of the sentence

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		934	64.2%
1		520	35.8%
Sysmiss		109	

### BOOK\_D: (d) Indicated the direction to read or says 'from left to right'

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		841	57.5%
1		622	42.5%
Sysmiss		100	

### LETTERS\_E: Letter identification - letter E

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1460   Invalid: 103   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		69	4.7%
1		1391	95.3%
Sysmiss		103	

## LETTERS\_K: Letter identification - letter K

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1459    Invalid: 104    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		47	3.2%
1		1412	96.8%
Sysmiss		104	

## LETTERS\_T: Letter identification - letter T

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1455    Invalid: 108    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		57	3.9%
1		1398	96.1%
Sysmiss		108	

**LETTERS\_B: Letter identification - letter B****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		82	5.6%
1		1377	94.4%
Sysmiss		104	

**LETTERS\_A: Letter identification - letter A****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1456   Invalid: 107   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		98	6.7%
1		1358	93.3%
Sysmiss		107	

**LETTERS\_I: Letter identification - letter I****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		79	5.4%

1		1384	94.6%
Sysmiss		100	

## LETTERS\_M: Letter identification - letter M

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1462 Invalid: 101 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		57	3.9%
1		1405	96.1%
Sysmiss		101	

## LETTERS\_R: Letter identification - letter R

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1463 Invalid: 100 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		48	3.3%
1		1415	96.7%
Sysmiss		100	

## LETTERS\_U: Letter identification - letter U

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1458 Invalid: 105 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		56	3.8%
1		1402	96.2%
Sysmiss		105	

### LETTERS\_O: Letter identification - letter O

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		73	5%
1		1390	95%
Sysmiss		100	

### LETTERS\_REVIEW\_INSTRUCTION: The test was stopped if the child correctly identified 3 letters or less

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		141	9.6%
2		1322	90.4%
Sysmiss		100	

**LETTERS\_P: Letter identification - letter P****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		30	21.3%
1		111	78.7%
Sysmiss		1422	

**LETTERS\_C: Letter identification - letter C****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		40	28.4%
1		101	71.6%
Sysmiss		1422	

**LETTERS\_W: Letter identification - letter W****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		13	9.2%



1		128	90.8%
Sysmiss		1422	

## LETTERS\_Y: Letter identification - letter Y

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		11	7.8%
1		130	92.2%
Sysmiss		1422	

## LETTERS\_H: Letter identification - letter H

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		20	14.2%
1		121	85.8%
Sysmiss		1422	

## LETTERS\_S: Letter identification - letter S

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		37	26.2%
1		104	73.8%
Sysmiss		1422	

### LETTERS\_V: Letter identification - letter V

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		24	17%
1		117	83%
Sysmiss		1422	

### LETTERS\_G: Letter identification - letter G

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		17	12.1%
1		124	87.9%
Sysmiss		1422	

**LETTERS\_Z: Letter identification - letter Z****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		15	10.6%
1		126	89.4%
Sysmiss		1422	

**LETTERS\_N: Letter identification - letter N****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 141    Invalid: 1422    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		17	12.1%
1		124	87.9%
Sysmiss		1422	

**DEFINE\_1SCORE: Precisely described a banana****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1458    Invalid: 105    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		191	13.1%

1		1267	86.9%
Sysmiss		105	

### DEFINE\_2SCORE: Precisely described a chair

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		208	14.2%
1		1254	85.8%
Sysmiss		101	

### DEFINE\_3SCORE: Precisely described a house

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		329	22.5%
1		1134	77.5%
Sysmiss		100	

### DEFINE\_TOTAL: Total score. Sum of (define\_1score - define\_3score)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1457   Invalid: 106   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		90	6.2%
1		110	7.5%
2		236	16.2%
3		1021	70.1%
Sysmiss		106	

### **DRAW\_1: Head drawn**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		640	43.9%
1		819	56.1%
Sysmiss		104	

### **DRAW\_2: Trunk drawn**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1457   Invalid: 106   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		809	55.5%
1		648	44.5%
Sysmiss		106	

**DRAW\_3: Recognisable arms drawn****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1457   Invalid: 106   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1026	70.4%
1		431	29.6%
Sysmiss		106	

**DRAW\_4: Recognisable legs drawn****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1447   Invalid: 116   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		947	65.4%
1		500	34.6%
Sysmiss		116	

**DRAW\_5: Recognisable hands or feet drawn****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1207	83%
1		248	17%
Sysmiss		108	

## **DRAW\_6: One recognisable facial characteristic (eyes, mouth, nose, or ears) drawn**

**Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		1217	83.6%
1		238	16.4%
Sysmiss		108	

## **DRAW\_7: Child drew at least one other recognisable facial characteristic (eyes, mouth, n**

**Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1456   Invalid: 107   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		1239	85.1%
1		217	14.9%
Sysmiss		107	

## **DRAW\_GRIP: The child had good pencil grip (safe/mature grip)**

**Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		686	47.1%
1		772	52.9%
Sysmiss		105	

## **DRAW\_PERSIST: The child showed persistence while drawing**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1463    Invalid: 100    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		660	45.1%
1		803	54.9%
Sysmiss		100	

## **DRAW\_TOT: Total drawing a human figure score**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1414    Invalid: 149    Minimum: 0    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		564	39.9%
1		123	8.7%
2		185	13.1%
3		117	8.3%
4		174	12.3%



5		104	7.4%
6		74	5.2%
7		73	5.2%
Sysmiss		149	

**CIRCLE\_SCORE: The child was asked to trace over the image of a circle which was already on the**

**Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		55	3.8%
1		393	26.9%
2		804	55%
3		211	14.4%
Sysmiss		100	

**CIRCLE\_GRIP: The child had good pencil grip (safe/mature)**

**Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		583	40.1%
1		871	59.9%
Sysmiss		109	

**CIRCLE\_PERSIST: The child showed persistence (tried for a long time) to trace the circle****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		462	31.6%
1		1001	68.4%
Sysmiss		100	

**CIRCLE\_TOT: «Tracing the circle» total score****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid:   Invalid: 1563   Maximum: \*  
 Type: Discrete   Decimal: 0   Width: 1   Range: - \*   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**STORY\_Q1: Oral comprehension - Q1****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		137	9.4%
1		1324	90.6%
Sysmiss		102	

**STORY\_Q2: Oral comprehension - Q2****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1457   Invalid: 106   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		361	24.8%
1		1096	75.2%
Sysmiss		106	

**STORY\_Q3: Oral comprehension - Q3****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		557	38.3%
1		897	61.7%
Sysmiss		109	

**STORY\_Q4: Oral comprehension - Q4****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1452   Invalid: 111   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		315	21.7%
1		1137	78.3%
Sysmiss		111	

### STORY\_Q5: Oral comprehension - Q5

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1450   Invalid: 113   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		443	30.6%
1		1007	69.4%
Sysmiss		113	

### STORY\_Q6: Oral comprehension - Q6

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1445   Invalid: 118   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		798	55.2%
1		647	44.8%
Sysmiss		118	

### STORY\_Q7: Oral comprehension - Q7

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1455   Invalid: 108   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		807	55.5%
1		648	44.5%
Sysmiss		108	

## STORY\_Q8: Oral comprehension - Q8

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1463    Invalid: 100    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		856	58.5%
1		607	41.5%
Sysmiss		100	

## STORY\_TOT: Total score for oral comprehension test (Sum of story\_q1 - story\_q8)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1401    Invalid: 162    Minimum: 0    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		63	4.5%
1		42	3%
2		84	6%
3		122	8.7%
4		187	13.3%

5		215	15.3%
6		292	20.8%
7		230	16.4%
8		166	11.8%
Sysmiss		162	

## NUMBERS\_4: Number identification and expression - Number 4

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		176	12%
1		1286	88%
Sysmiss		101	

## NUMBERS\_2: Number identification and expression - Number 2

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		225	15.4%
1		1237	84.6%
Sysmiss		101	

## NUMBERS\_10: Number identification and expression - Number 10

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		136	9.3%
1		1322	90.7%
Sysmiss		105	

## NUMBERS\_5: Number identification and expression - Number 5

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		192	13.1%
1		1269	86.9%
Sysmiss		102	

## NUMBERS\_7: Number identification and expression - Number 7

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1454   Invalid: 109   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		153	10.5%
1		1301	89.5%
Sysmiss		109	

**NUMBERS\_6: Number identification and expression - Number 6****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		166	11.4%
1		1292	88.6%
Sysmiss		105	

**NUMBERS\_9: Number identification and expression - Number 9****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		146	10%
1		1312	90%
Sysmiss		105	

**NUMBERS\_8: Number identification and expression - Number 8****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1460   Invalid: 103   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
0		163	11.2%
1		1297	88.8%
Sysmiss		103	

### NUMBERS\_3: Number identification and expression - Number 3

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		189	13%
1		1270	87%
Sysmiss		104	

### NUMBERS\_1: Number identification and expression - Number 1

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		203	13.9%
1		1260	86.1%
Sysmiss		100	

### NUMBERS\_REVIEW\_INSTRUCTION: The test was stopped if the child correctly identified 3 numbers or less, and th

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1463   Invalid: 100   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		265	18.1%
2		1198	81.9%
Sysmiss		100	

## NUMBERS\_13: Number identification and expression - Number 13

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 265   Invalid: 1298   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		69	26%
1		196	74%
Sysmiss		1298	

## NUMBERS\_14: Number identification and expression - Number 14

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 265   Invalid: 1298   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		59	22.3%
1		206	77.7%
Sysmiss		1298	

**NUMBERS\_17: Number identification and expression - Number 17****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 265    Invalid: 1298    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		35	13.2%
1		230	86.8%
Sysmiss		1298	

**NUMBERS\_19: Number identification and expression - Number 19****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 265    Invalid: 1298    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		35	13.2%
1		230	86.8%
Sysmiss		1298	

**NUMBERS\_16: Number identification and expression - Number 16****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 262    Invalid: 1301    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		36	13.7%
1		226	86.3%
Sysmiss		1301	

## NUMBERS\_15: Number identification and expression - Number 15

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 265    Invalid: 1298    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		56	21.1%
1		209	78.9%
Sysmiss		1298	

## NUMBERS\_18: Number identification and expression - Number 18

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 264    Invalid: 1299    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		38	14.4%
1		226	85.6%
Sysmiss		1299	

## NUMBERS\_11: Number identification and expression - Number 11

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 264    Invalid: 1299    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		59	22.3%
1		205	77.7%
Sysmiss		1299	

## NUMBERS\_12: Number identification and expression - Number 12

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 265    Invalid: 1298    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		57	21.5%
1		208	78.5%
Sysmiss		1298	

## NUMBERS\_20: Number identification and expression - Number 20

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 265    Invalid: 1298    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		45	17%
1		220	83%
Sysmiss		1298	

**QUANTITY\_3: Child gave the correct 3 items to the investigator within 10 seconds****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1447   Invalid: 116   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		399	27.6%
1		1048	72.4%
Sysmiss		116	

**QUANTITY\_7: Child gave the correct 7 items to the investigator within 10 seconds****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1013	69.5%
1		445	30.5%
Sysmiss		105	

**QUANTITY\_15: Child gave the correct 15 items to the investigator within 10 seconds****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1317	90.3%

1		142	9.7%
Sysmiss		104	

### ■ QUANTITY\_PERSIST: The child showed persistence in counting

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		579	39.6%
1		884	60.4%
Sysmiss		100	

### ■ QUANTITY\_TOT: Total score in choosing the correct objects

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1440   Invalid: 123   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		383	26.6%
1		628	43.6%
2		301	20.9%
3		128	8.9%
Sysmiss		123	

### ■ MATH\_1: Correctly added 2 to 3

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1450   Invalid: 113   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		451	31.1%
1		999	68.9%
Sysmiss		113	

## MATH\_2: Correctly added 2 plus 2 bicycles

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1461    Invalid: 102    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		730	50%
1		731	50%
Sysmiss		102	

## MATH\_3: Correctly subtracted 1 from 3 tomatoes

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1463    Invalid: 100    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		362	24.7%
1		1101	75.3%
Sysmiss		100	



**MATH\_TOT: Total addition and subtraction score****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1448   Invalid: 115   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		232	16%
1		258	17.8%
2		322	22.2%
3		636	43.9%
Sysmiss		115	

**SIZE\_GRAND: The child correctly showed the biggest circle****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		26	1.8%
1		1437	98.2%
Sysmiss		100	

**SIZE\_PETIT: The child correctly showed the smallest circle****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		96	6.6%
1		1367	93.4%
Sysmiss		100	

### SIZE\_LONG: The child correctly showed the longest crayon

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		32	2.2%
1		1431	97.8%
Sysmiss		100	

### SIZE\_SHORT: The child correctly showed the shortest crayon

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		82	5.6%
1		1381	94.4%
Sysmiss		100	

### SIZE\_5\_TOT: Total 'sizes and length' score

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 4

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		15	1%
1		3	0.2%
2		27	1.8%
3		113	7.7%
4		1305	89.2%
Sysmiss		100	

### SHAPES\_1: The child correctly identified the following shapes: Circle

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1457    Invalid: 106    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		469	32.2%
1		988	67.8%
Sysmiss		106	

### SHAPES\_2: The child correctly identified the following shapes: Rectangle

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1456    Invalid: 107    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1168	80.2%
1		288	19.8%

Sysmiss		107	
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### SHAPES\_3: The child correctly identified the following shapes: Triangle

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1205	82.6%
1		254	17.4%
Sysmiss		104	

### SHAPES\_4: The child correctly identified the following shapes: Square

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1188	81.3%
1		273	18.7%
Sysmiss		102	

### SHAPES\_5: The child correctly identified something in their house which is shaped like a c

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		945	64.6%
1		518	35.4%
Sysmiss		100	

### SHAPES\_TOT: Total score in identifying shapes

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1446   Invalid: 117   Minimum: 0   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 5   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		366	25.3%
1		364	25.2%
2		396	27.4%
3		176	12.2%
4		108	7.5%
5		36	2.5%
Sysmiss		117	

### PATTERN\_CORRECT: The child correctly completed the bead pattern of a necklace

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		378	25.8%
1		1085	74.2%

Sysmiss		100	
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### CONFLICT\_1: The child gave an appropriate answer to resolve the conflict (in a picture)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		438	30%
1		1023	70%
Sysmiss		102	

### CONFLICT\_2: Second appropriate answer given to resolve the conflict

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1052	71.9%
1		411	28.1%
Sysmiss		100	

### CONFLICT\_TOT: Sum of scores (conflict\_1 + conflict\_2)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1461   Invalid: 102   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		425	29.1%
1		638	43.7%
2		398	27.2%
Sysmiss		102	

### EMPATHY\_1: How do you think the girl feels at this moment?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1370   Invalid: 193   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		402	29.3%
1		968	70.7%
Sysmiss		193	

### EMPATHY\_2: What would you do to stop the girl from crying and to make her feel better?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		749	51.3%
1		710	48.7%
Sysmiss		104	

**EMPATHY\_3: Anything else you could do?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1463   Invalid: 100   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1165	79.6%
1		298	20.4%
Sysmiss		100	

**EMPATHY\_TOT: Sum of (empathy\_1 + empathy\_2 + empathy\_3)****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1366   Invalid: 197   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		353	25.8%
1		353	25.8%
2		45	3.3%
3		615	45%
Sysmiss		197	

**ITEM10A\_OB1: The child could follow the material with interest and curiosity****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1562   Invalid: 1   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
0		195	12.5%
1		1367	87.5%
Sysmiss		1	

### ITEM10A\_OB2: The child understood the instructions quickly

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1560   Invalid: 3   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		368	23.6%
1		1192	76.4%
Sysmiss		3	

### ITEM10A\_OB3: The child concentrated well throughout the tests

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1553   Invalid: 10   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		356	22.9%
1		1197	77.1%
Sysmiss		10	

### ITEM10A\_OB4: The child was happy/chatty/loved participating in the tests

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1556   Invalid: 7   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		363	23.3%
1		1193	76.7%
Sysmiss		7	

## ITEM10A\_OB5: The child was confident and independent (wasn't looking for their mother or guar

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1553    Invalid: 10    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		194	12.5%
1		1359	87.5%
Sysmiss		10	

## ITEM10A\_OB6: The child was shy throughout their attempts

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1556    Invalid: 7    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1147	73.7%
1		409	26.3%
Sysmiss		7	

**ITEM10A\_OB7: The child refused to speak****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1554   Invalid: 9   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1458	93.8%
1		96	6.2%
Sysmiss		9	

**ITEM10A\_OB8: The child was distressed/cried throughout the tests****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1558   Invalid: 5   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1473	94.5%
1		85	5.5%
Sysmiss		5	

**ITEM10A\_OB9: The child was easily distracted during the tests****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1557   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		869	55.8%
1		688	44.2%
Sysmiss		6	

### ITEM10A\_OB10: The child was disruptive and nor cooperative during the tests

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1470	94%
1		93	6%

### ITEM10B\_OB1: The child was tired or hungry on the day of the assessment

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1561 Invalid: 2 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1403	89.9%
1		158	10.1%
Sysmiss		2	

### ITEM10B\_OB2: The child was sick on the day of the assessment

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1537	98.3%
1		26	1.7%

### ITEM10B\_OB4: The child completed refused to do the tests

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1559   Invalid: 4   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1488	95.4%
1		71	4.6%
Sysmiss		4	

### ITEM10B\_OB5: A translator was used to do the tests with the child

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1556   Invalid: 7   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1377	88.5%
1		179	11.5%
Sysmiss		7	

### ITEM10B\_OB6: Is the child enrolled in a preschool (kinder garden)?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		907	58%
1		656	42%

## ITEM10B\_OB3: The child had a disability (for example couldn't hear or speak)

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1555 Invalid: 8 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1548	99.5%
1		7	0.5%
Sysmiss		8	

## ITEM10B\_OB3\_HANDICAP: Description of disability

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid:  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1556	99.6%
Enfant begue		1	0.1%
Handicape		1	0.1%
l'enfant ne pouvait pas Parler bien		1	0.1%

Ne pouvait pas Parler		1	0.1%
Physique : du pied droit.		1	0.1%
Surmené		1	0.1%
Vision		1	0.1%

## INTERVIEWER\_ID\_PARENT: Unique identifier of field worker conducting the interview

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 4    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		48	3.1%
e700		7	0.4%
e701		4	0.3%
e702		18	1.2%
e703		24	1.5%
e704		26	1.7%
e705		44	2.8%
e706		43	2.8%
e707		33	2.1%
e708		62	4%
e709		77	4.9%
e710		85	5.4%
e711		12	0.8%
e712		58	3.7%
e713		51	3.3%
e714		68	4.4%
e715		52	3.3%
e716		69	4.4%
e717		50	3.2%
e718		108	6.9%
e719		44	2.8%
e720		54	3.5%
e721		51	3.3%

e722		70	4.5%
e723		61	3.9%
e724		48	3.1%
e725		48	3.1%
e726		63	4%
e727		33	2.1%
e728		39	2.5%
e729		14	0.9%
e730		52	3.3%
e731		47	3%

### AN3\_NORESIDE\_REASON: Records if child was still resident in village in 2016 or not

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1515   Invalid: 48   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1513	99.9%
3		2	0.1%
Sysmiss		48	

### AN3\_NORESIDE\_OTHER: Reason interview not completed in 2016

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1563	100%



**A8\_RELATION\_CHILD: Relationship to child****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1513   Invalid: 50   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		870	57.5%
2		225	14.9%
3		87	5.8%
4		71	4.7%
5		34	2.2%
6		226	14.9%
Sysmiss		50	

**A8\_RELATION\_CHILD\_OTHER: Description of relationship to child****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563   Invalid:  
 Type: Discrete   Width: 26   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1338	85.6%
Beau Frere		1	0.1%
Beaut père		1	0.1%
Belle soeur		1	0.1%
Belle soeur		2	0.1%
Belle Soeur		1	0.1%
Coeplouse		1	0.1%
Coepouse		1	0.1%
Coepouse a sa mere		1	0.1%
Coepouse de la mere		1	0.1%
Cooepouse		1	0.1%

Frere	2	0.1%
Frère	1	0.1%
Grand-frère	2	0.1%
Grand-frère de l'enfant	1	0.1%
Grand-soeur	1	0.1%
Grand frère	1	0.1%
Grand soeur	1	0.1%
Grand frere	4	0.3%
Grand Frere	2	0.1%
GRAND FRERE	1	0.1%
Grand frère	6	0.4%
Grand Frère	3	0.2%
Grand frère de l enfant	1	0.1%
Grand seur	1	0.1%
Grand soeur	3	0.2%
Grand. Frere	1	0.1%
Grande-sœur	3	0.2%
Grande-Sœur	1	0.1%
Grande soeur	2	0.1%
Grande Soeur	1	0.1%
Grande Souer	1	0.1%
Grands soeur	1	0.1%
Jeune-frère du père	1	0.1%
Le grand frere de fatogoma	1	0.1%
Maratre	2	0.1%
Marâtre	11	0.7%
Marratre	1	0.1%
Monitrice	1	0.1%
Neuve	1	0.1%
Nièce	1	0.1%
Oncle	25	1.6%
Petit Frère de son mari	1	0.1%
Petite Seure	1	0.1%
Soeur	2	0.1%
Tante	52	3.3%
Tanti	1	0.1%
Tonton	72	4.6%
Voisine	1	0.1%

**AN4\_GUARDIAN: N4. Are you the main person responsible for the welfare of this child?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 416    Invalid: 1147    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		67	16.1%
1		349	83.9%
Sysmiss		1147	

**AN5\_INTERVIEW\_HOME: N5. Is interview being done in child's home?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1512    Invalid: 51    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		653	43.2%
1		858	56.7%
9		1	0.1%
Sysmiss		51	

**B2\_MUM\_AGE: B2. What is the mother's age?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1168    Invalid: 395    Minimum: 16    Maximum: 80  
 Type: Discrete    Decimal: 0    Width: 2    Range: 16 - 80    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
16		1	0.1%
17		5	0.4%
18		16	1.4%
19		12	1%
20		61	5.2%
21		11	0.9%
22		27	2.3%
23		27	2.3%
24		24	2.1%
25		113	9.7%
26		55	4.7%
27		42	3.6%
28		83	7.1%
29		24	2.1%
30		204	17.5%
31		15	1.3%
32		61	5.2%
33		32	2.7%
34		17	1.5%
35		86	7.4%
36		30	2.6%
37		21	1.8%
38		35	3%
39		10	0.9%
40		81	6.9%
41		3	0.3%
42		8	0.7%
43		7	0.6%
44		2	0.2%
45		22	1.9%
46		6	0.5%
47		4	0.3%
48		2	0.2%
49		2	0.2%
50		10	0.9%

51		1	0.1%
52		1	0.1%
53		1	0.1%
55		1	0.1%
60		3	0.3%
63		1	0.1%
80		1	0.1%
Sysmiss		395	

### BN7\_MUM\_ATTENDSCHOOL: N7. Has the mother ever attended school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1499   Invalid: 64   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1257	83.9%
1		242	16.1%
Sysmiss		64	

### B3\_MUM\_EDULEVEL: B3. What is the highest level of education that the mother has completed?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 242   Invalid: 1321   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		6	2.5%
1		134	55.4%
2		16	6.6%
3		47	19.4%

4		10	4.1%
5		18	7.4%
6		3	1.2%
9		8	3.3%
Sysmiss		1321	

## MATLIT: B4. Can the child's mother read?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1494   Invalid: 69   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1292	86.5%
1		202	13.5%
Sysmiss		69	

## B6\_DAD\_AGE: B6. What is the father's age?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1066   Invalid: 497   Minimum: 20   Maximum: 87  
 Type: Continuous   Decimal: 0   Width: 2   Range: 20 - 87   Format: Numeric

## BN8\_DAD\_ATTENDSCHOOL: N8. Has the father ever attended school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1489   Invalid: 74   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1187	79.7%

1		302	20.3%
Sysmiss		74	

### B7\_DAD\_EDULEVEL: B7. What is the highest level of education that the father has completed?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 302    Invalid: 1261    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		9	3%
1		159	52.6%
2		21	7%
3		30	9.9%
4		18	6%
5		29	9.6%
6		10	3.3%
9		26	8.6%
Sysmiss		1261	

### B8\_DAD\_READ: B8. Can the father read?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1480    Invalid: 83    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		995	67.2%
1		485	32.8%
Sysmiss		83	

**B8A\_DADREAD\_LANG: B8(A). Which languages?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1563 Invalid:

Type: Discrete Width: 8 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1079	69%
1		185	11.8%
1 2		13	0.8%
1 2 4		5	0.3%
1 2 4 77		1	0.1%
1 3		1	0.1%
1 3 4		1	0.1%
1 4		62	4%
1 4 77		2	0.1%
1 77		3	0.2%
2		34	2.2%
2 4		2	0.1%
3		1	0.1%
4		128	8.2%
4 77		3	0.2%
77		43	2.8%

**B8A\_DADREAD\_LANG\_OTHER: Description of other languages father can read (if not Bambara, Shenara or Mamar**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1563 Invalid:

Type: Discrete Width: 13 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1511	96.7%



Anglais		2	0.1%
Arabe		39	2.5%
Arabe anglais		1	0.1%
Bangou kalan		1	0.1%
Coran		2	0.1%
Englais		1	0.1%
Medersa		1	0.1%
Ne sais pas		5	0.3%

## MAINLANG: B10. What is the main language spoken at home?

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513   Invalid: 50   Minimum: 1   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 7   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		526	34.8%
2		709	46.9%
3		124	8.2%
7		154	10.2%
Sysmiss		50	

## B10\_HOMELANG\_MAIN\_OTHER: Description of main language spoken in home (if not Bambara, Shenara or Mamara)

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 20   Range: -   Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1412	90.3%
Arabe		1	0.1%

Bobo		17	1.1%
Bobo fing		1	0.1%
Bobo fin		4	0.3%
Bobo fing		2	0.1%
Bobo. Fing		1	0.1%
Bomou		8	0.5%
Bore		23	1.5%
Boré		19	1.2%
Boré.		1	0.1%
Borz		1	0.1%
Boua		4	0.3%
Dafin		2	0.1%
Dafing		2	0.1%
Dogo		3	0.2%
Dogon		3	0.2%
Dogono		2	0.1%
Gana		8	0.5%
Ganakah		3	0.2%
Langue dogon		1	0.1%
Langue parler samogo		1	0.1%
Langue samogo		1	0.1%
Peuhl		1	0.1%
Peul		2	0.1%
Peulh		7	0.4%
Samogo		26	1.7%
Samongo		4	0.3%
Somogo		1	0.1%
Sonike		2	0.1%

## B11\_HOMELANG\_ADD: B11. What other languages are spoken at home?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 6    Range: -    Format: character

### Questions and instructions

CATEGORIES

Value	Category	Cases	
		52	3.3%
1		926	59.2%
1 2		306	19.6%
1 2 4		3	0.2%
1 2 77		1	0.1%
1 3		70	4.5%
1 4		12	0.8%
1 4 77		1	0.1%
1 77		44	2.8%
2		97	6.2%
2 3		1	0.1%
2 4		1	0.1%
2 77		3	0.2%
3		12	0.8%
3 77		1	0.1%
4		14	0.9%
77		19	1.2%

### B11\_HOMELANG\_ADD\_OTHER: Description of additional language(s) spoken in home (if not Bambara, Shenara or

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 13    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1494	95.6%
Aucune		2	0.1%
Bobo		17	1.1%
Bobo fin		3	0.2%
Bomou		1	0.1%
Bore		5	0.3%
Boré		4	0.3%
Dafi		1	0.1%
Dioula		3	0.2%

Dogon		1	0.1%
Gana		3	0.2%
Guana		3	0.2%
Guana kan		1	0.1%
Langue samogo		1	0.1%
Mossi		1	0.1%
Peuhl		1	0.1%
Peul		1	0.1%
Peule		1	0.1%
Peulh		1	0.1%
R A S		1	0.1%
Samogo		18	1.2%

## B12\_CHILD\_FRENCH: B12. Does your child recognize or speak any words in French?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		980	64.8%
1		526	34.8%
9		6	0.4%
Sysmiss		51	

## BI1\_MUM\_TOTALCHILDREN: I1. How many children does the mother have at present? (including this child)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513   Invalid: 50   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		38	2.5%
2		194	12.8%
3		292	19.3%
4		272	18%
5		262	17.3%
6		193	12.8%
7		116	7.7%
8		71	4.7%
9		45	3%
10		21	1.4%
11		6	0.4%
12		2	0.1%
99		1	0.1%
Sysmiss		50	

### **B9\_DAD\_TOTALCHILDREN: B9. How many children does the father have, in total (include children of co-wiv**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1490   Invalid: 73   Minimum: 1   Maximum: 50  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 50   Format: Numeric

#### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1		14	0.9%
2		96	6.4%
3		173	11.6%
4		157	10.5%
5		176	11.8%
6		159	10.7%
7		152	10.2%
8		129	8.7%
9		89	6%
10		93	6.2%
11		63	4.2%
12		43	2.9%

13		32	2.1%
14		37	2.5%
15		22	1.5%
16		9	0.6%
17		10	0.7%
18		4	0.3%
19		4	0.3%
20		9	0.6%
21		4	0.3%
22		3	0.2%
23		3	0.2%
25		2	0.1%
26		2	0.1%
28		1	0.1%
30		3	0.2%
50		1	0.1%
Sysmiss		73	

## BI2\_TOTALWANT: I2. How many children, in total, would you like to have?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1070   Invalid: 493   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		15	1.4%
2		18	1.7%
3		23	2.1%
4		46	4.3%
5		126	11.8%
6		156	14.6%
7		122	11.4%
8		135	12.6%
9		52	4.9%
10		101	9.4%

11		11	1%
12		10	0.9%
13		2	0.2%
14		2	0.2%
15		10	0.9%
18		1	0.1%
19		2	0.2%
20		11	1%
99		227	21.2%
Sysmiss		493	

### BI4\_TOTALWANT\_CONTRACEP: I4. If there was a method of contraception available at no cost, how many childr

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065   Invalid: 498   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		36	3.4%
2		56	5.3%
3		42	3.9%
4		71	6.7%
5		122	11.5%
6		141	13.2%
7		101	9.5%
8		112	10.5%
9		43	4%
10		52	4.9%
11		9	0.8%
12		10	0.9%
13		1	0.1%
14		2	0.2%
15		7	0.7%
16		1	0.1%
18		2	0.2%

19		2	0.2%
20		4	0.4%
28		1	0.1%
99		250	23.5%
Sysmiss		498	

## BI8\_CHILDREN\_SCHOOL: I8. Do you have any children already in school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		457	30.2%
1		1052	69.5%
9		4	0.3%
Sysmiss		50	

## BI9\_CHILDREN\_SCHOOL\_TOTAL: I9. How many children already in school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1050   Invalid: 513   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		451	43%
2		283	27%
3		165	15.7%
4		66	6.3%
5		38	3.6%
6		19	1.8%
7		6	0.6%



8		7	0.7%
9		1	0.1%
10		6	0.6%
11		1	0.1%
14		2	0.2%
16		1	0.1%
20		2	0.2%
30		1	0.1%
99		1	0.1%
Sysmiss		513	

### BI10\_CHILDREN\_SCHOOL\_TYPE: I10. Are they in primary or secondary school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:

Type: Discrete Width: 3 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		513	32.8%
1		895	57.3%
1 2		127	8.1%
2		28	1.8%

### BI11\_PAY\_PRIM\_SCH: I11. How much do you pay in total each year to educate one child at primary scho

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:

Type: Continuous Width: 36 Range: - Format: character

### BI12\_PAY\_SECOND\_SCH: I12. How much do you pay in total each year to educate one child at secondary sc

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid:

Type: Discrete Width: 11 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1408	90.1%
10000		15	1%
100000		4	0.3%
10000		1	0.1%
12000		2	0.1%
12500		1	0.1%
13000		2	0.1%
15000		18	1.2%
17000		1	0.1%
195000		1	0.1%
2000		1	0.1%
20000		12	0.8%
2500		1	0.1%
25000		3	0.2%
27500		1	0.1%
3000		1	0.1%
30000		9	0.6%
35000		3	0.2%
40000		5	0.3%
45000		1	0.1%
5000		5	0.3%
50000		6	0.4%
52000		1	0.1%
55000		1	0.1%
56000		1	0.1%
6000		1	0.1%
60000		1	0.1%
7500		4	0.3%
8000		1	0.1%
90000		1	0.1%
99		23	1.5%
999		13	0.8%

9999		6	0.4%
Ne sais pas		6	0.4%
Ne sait pas		3	0.2%

### BI13\_EDUCATE\_CHILD: I13. Would you like to educate this child when they reach the age to begin prima

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1512 Invalid: 51 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		48	3.2%
1		1396	92.3%
9		68	4.5%
Sysmiss		51	

### BI14\_EDUCATE\_WILLPAY: I14. How much are you willing to pay each year for the education of this child?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
Type: Continuous Width: 26 Range: - Format: character

### BI15\_EDUCATE\_NEED: I15. How much money would you need each year to be able to educate this child?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
Type: Discrete Width: 33 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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		1521	97.3%
10000		3	0.2%
12000		1	0.1%
13000		1	0.1%
2000		1	0.1%
20000		1	0.1%
200000		1	0.1%
250000		1	0.1%
30000		1	0.1%
35000		1	0.1%
5000		1	0.1%
50000		2	0.1%
99		18	1.2%
999		4	0.3%
9999		2	0.1%
C'est pas un problème de l'argent		1	0.1%
Non		1	0.1%
Rien		2	0.1%

### B13\_COMPLETE\_PRIM: B13. Do you expect that your child will complete primary school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		24	1.6%
1		1406	92.9%
9		83	5.5%
Sysmiss		50	

### B14\_COMPLETE\_SEC: B14. Do you expect your child will complete secondary school?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		25	1.7%
1		1403	92.7%
9		85	5.6%
Sysmiss		50	

**C1A\_STORYBOOKS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1437   Invalid: 126   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1033	71.9%
1		404	28.1%
Sysmiss		126	

**C1B\_BOOKS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1452   Invalid: 111   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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0		852	58.7%
1		600	41.3%
Sysmiss		111	

### C1C\_NEWMAGS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1440 Invalid: 123 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1287	89.4%
1		153	10.6%
Sysmiss		123	

### C1D\_BROCHURES: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1437 Invalid: 126 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1210	84.2%
1		227	15.8%
Sysmiss		126	

### C1E\_RELIGIOUS\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1459   Invalid: 104   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		824	56.5%
1		635	43.5%
Sysmiss		104	

**C1F\_COLOURING\_BOOKS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1458   Invalid: 105   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1209	82.9%
1		249	17.1%
Sysmiss		105	

**C1G\_COMICS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1442   Invalid: 121   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1184	82.1%

1		258	17.9%
Sysmiss		121	

### C1H\_BOOKS\_OTHER: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1432   Invalid: 131   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1425	99.5%
1		7	0.5%
Sysmiss		131	

### C1H\_BOOKS\_OTHERDESC: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 35   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1556	99.6%
Balikou kalan		1	0.1%
Cahier		1	0.1%
Livre de page niétaa		1	0.1%
Livres de Conte.		1	0.1%
Livres scientifiques		1	0.1%
Livres sur les secret de la famille		1	0.1%
Mamara		1	0.1%



**C2A\_TOYS\_HANDBMADE: C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		217	14.4%
1		1295	85.6%
Sysmiss		51	

**C2C\_TOYS\_BOUGHT: C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1506   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		629	41.8%
1		877	58.2%
Sysmiss		57	

**C2D\_HOUSEHOLD\_OBJECTS: C2. Does s/he play with: Household objects, such as bowls or pots?****Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		163	10.8%
1		1348	89.2%
Sysmiss		52	

### C2E\_OUTSIDE\_OBJECTS: C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		112	7.4%
1		1399	92.6%
Sysmiss		52	

### C2F\_DRAWING\_WRITING: C2. Does s/he play with: Materials for drawing or materials for writing?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1491   Invalid: 72   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1060	71.1%
1		431	28.9%
Sysmiss		72	

### C2G\_PUZZLES: C2. Does s/he play with: Puzzles/brain teasers?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1424   Invalid: 139   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1380	96.9%
1		44	3.1%
Sysmiss		139	

**C2H\_GAMES\_COLOURSHAPE: C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?**

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1481   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1383	93.4%
1		98	6.6%
Sysmiss		82	

**C2I\_GAMES\_LETTERS: C2. Does s/he play with: Toys that teach about letters (such as alphabet games,**

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1478   Invalid: 85   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1363	92.2%

1		115	7.8%
Sysmiss		85	

## C2J\_TOYS\_OTHER: C2. Does s/he play with: Others (specify)?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513    Invalid: 50    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1453	96%
1		16	1.1%
9		44	2.9%
Sysmiss		50	

## C2J\_TOYS\_OTHERDESC: C2. Does s/he play with: Description of other types of toys

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 25    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1547	99%
Ballon		2	0.1%
Bidon vide		1	0.1%
Boîte de conserve		4	0.3%
Boîte vide		5	0.3%
Boîtes vide		1	0.1%
Boites vides		1	0.1%
Bouteille vide		1	0.1%
Gologolo c'est un voitur		1	0.1%

### C3A\_READ\_BOOKS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1462   Invalid: 101   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1012	69.2%
1		450	30.8%
Sysmiss		101	

### C3A\_READ\_BOOKS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 5   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1113	71.2%
1		28	1.8%
1 2		4	0.3%
1 2 7		4	0.3%
1 6		2	0.1%
1 6 7		3	0.2%
1 7		3	0.2%
2		38	2.4%
2 6		3	0.2%
2 6 7		2	0.1%
2 7		5	0.3%
4		5	0.3%

5		2	0.1%
6		61	3.9%
6 7		35	2.2%
7		255	16.3%

### C3B\_TOLD\_STORIES: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1486   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		646	43.5%
1		840	56.5%
Sysmiss		77	

### C3B\_TOLD\_STORIES\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 9   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		724	46.3%
1		129	8.3%
1 2		60	3.8%
1 2 4		18	1.2%
1 2 4 5		6	0.4%
1 2 4 6 7		1	0.1%
1 2 5		1	0.1%
1 2 6		3	0.2%

1 2 6 7		2	0.1%
1 2 7		3	0.2%
1 4		20	1.3%
1 4 5		4	0.3%
1 4 6 7		2	0.1%
1 4 7		2	0.1%
1 5		4	0.3%
1 6		11	0.7%
1 6 7		5	0.3%
1 7		15	1%
2		57	3.6%
2 4		6	0.4%
2 4 5		3	0.2%
2 4 7		1	0.1%
2 6		9	0.6%
2 6 7		2	0.1%
2 7		4	0.3%
4		108	6.9%
4 5		41	2.6%
4 5 6		2	0.1%
4 5 6 7		1	0.1%
4 5 7		1	0.1%
4 6		4	0.3%
4 6 7		6	0.4%
4 7		14	0.9%
5		42	2.7%
5 6		2	0.1%
5 7		3	0.2%
6		67	4.3%
6 7		23	1.5%
7		157	10%

### C3C\_SONGS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1493    Invalid: 70    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		387	25.9%
1		1106	74.1%
Sysmiss		70	

**C3C\_SONGS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		458	29.3%
1		217	13.9%
1 2		50	3.2%
1 2 4		17	1.1%
1 2 4 5		7	0.4%
1 2 4 5 6 7		1	0.1%
1 2 4 6		1	0.1%
1 2 5 6 7		1	0.1%
1 2 6		4	0.3%
1 2 6 7		4	0.3%
1 2 7		4	0.3%
1 4		59	3.8%
1 4 5		4	0.3%
1 4 6		3	0.2%
1 4 6 7		3	0.2%
1 4 7		10	0.6%
1 5		2	0.1%
1 6		16	1%
1 6 7		23	1.5%
1 7		64	4.1%



2		16	1%
2 4		2	0.1%
2 6		3	0.2%
2 6 7		2	0.1%
2 7		4	0.3%
4		95	6.1%
4 5		9	0.6%
4 5 6		1	0.1%
4 6		3	0.2%
4 6 7		3	0.2%
4 7		13	0.8%
5		11	0.7%
5 6 7		1	0.1%
5 7		2	0.1%
6		61	3.9%
6 7		48	3.1%
7		341	21.8%

### C3D\_OUTSIDE\_HOME: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1500   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		322	21.5%
1		1178	78.5%
Sysmiss		63	

### C3D\_OUTSIDE\_HOME\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:

Type: Discrete Width: 9 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		385	24.6%
1		332	21.2%
1 2		81	5.2%
1 2 4		24	1.5%
1 2 4 5		3	0.2%
1 2 4 5 6		1	0.1%
1 2 4 5 7		3	0.2%
1 2 4 7		1	0.1%
1 2 5		2	0.1%
1 2 5 6 7		2	0.1%
1 2 5 7		9	0.6%
1 2 6		2	0.1%
1 2 6 7		9	0.6%
1 2 7		38	2.4%
1 4		17	1.1%
1 4 5		4	0.3%
1 4 5 6		1	0.1%
1 4 5 6 7		1	0.1%
1 4 6		3	0.2%
1 4 6 7		1	0.1%
1 4 7		7	0.4%
1 5		3	0.2%
1 5 7		4	0.3%
1 6		11	0.7%
1 6 7		42	2.7%
1 7		135	8.6%
2		29	1.9%
2 4		2	0.1%
2 5		1	0.1%
2 5 6		1	0.1%
2 5 7		2	0.1%
2 6		2	0.1%
2 6 7		2	0.1%
2 7		4	0.3%

4		34	2.2%
4 6		5	0.3%
4 6 7		2	0.1%
4 7		8	0.5%
5		6	0.4%
5 6		2	0.1%
5 7		1	0.1%
6		40	2.6%
6 7		31	2%
7		270	17.3%

### C3E\_PLAYED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1505   Invalid: 58   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		67	4.5%
1		1438	95.5%
Sysmiss		58	

### C3E\_PLAYED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563   Invalid:  
 Type: Continuous   Width: 11   Range: -   Format: character

### C3F\_NAMED\_OBJECTS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1479   Invalid: 84   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		534	36.1%
1		945	63.9%
Sysmiss		84	

**C3F\_NAMED\_OBJECTS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1563    Invalid:

Type: Discrete    Width: 11    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		618	39.5%
1		184	11.8%
1 2		101	6.5%
1 2 4		28	1.8%
1 2 4 5		5	0.3%
1 2 4 5 6		2	0.1%
1 2 4 5 6 7		5	0.3%
1 2 4 5 7		1	0.1%
1 2 4 6		2	0.1%
1 2 4 6 7		4	0.3%
1 2 4 7		3	0.2%
1 2 5 6		1	0.1%
1 2 6		9	0.6%
1 2 6 7		14	0.9%
1 2 7		39	2.5%
1 4		11	0.7%
1 4 5		1	0.1%
1 4 6		3	0.2%

1 4 6 7		1	0.1%
1 4 7		2	0.1%
1 5		2	0.1%
1 6		15	1%
1 6 7		24	1.5%
1 7		48	3.1%
2		76	4.9%
2 4		3	0.2%
2 4 6 7		1	0.1%
2 4 7		1	0.1%
2 5		2	0.1%
2 6		9	0.6%
2 6 7		4	0.3%
2 7		7	0.4%
4		37	2.4%
4 5		3	0.2%
4 6		3	0.2%
4 7		6	0.4%
5		13	0.8%
5 6		2	0.1%
6		70	4.5%
6 7		27	1.7%
7		176	11.3%

### **C3G\_DRAWING: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1476   Invalid: 87   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		1033	70%
1		443	30%
Sysmiss		87	

### C3G\_DRAWING\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1120	71.7%
1		35	2.2%
1 2		14	0.9%
1 2 4 7		1	0.1%
1 2 6 7		3	0.2%
1 2 7		6	0.4%
1 4		1	0.1%
1 5		1	0.1%
1 6		3	0.2%
1 6 7		1	0.1%
1 7		4	0.3%
2		22	1.4%
2 6		2	0.1%
2 6 7		2	0.1%
2 7		2	0.1%
4		10	0.6%
4 7		2	0.1%
5		1	0.1%
5 6		1	0.1%
5 7		1	0.1%
6		47	3%
6 7		33	2.1%
7		251	16.1%

### C3H\_TEACH\_NEW: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1489   Invalid: 74   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		736	49.4%
1		753	50.6%
Sysmiss		74	

**C3H\_TEACH\_NEW\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		810	51.8%
1		109	7%
1 2		110	7%
1 2 4		27	1.7%
1 2 4 5		5	0.3%
1 2 4 5 6		1	0.1%
1 2 4 5 6 7		4	0.3%
1 2 4 6		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		1	0.1%
1 2 5		1	0.1%
1 2 6		11	0.7%
1 2 6 7		19	1.2%
1 2 7		17	1.1%
1 4		12	0.8%
1 4 5		3	0.2%
1 4 6		4	0.3%

1 4 7		2	0.1%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 6		13	0.8%
1 6 7		19	1.2%
1 7		20	1.3%
2		65	4.2%
2 4		3	0.2%
2 4 5 6		1	0.1%
2 4 6		1	0.1%
2 5		4	0.3%
2 6		11	0.7%
2 7		9	0.6%
4		11	0.7%
4 5		1	0.1%
4 6		3	0.2%
4 7		2	0.1%
5		11	0.7%
5 6		1	0.1%
5 7		1	0.1%
6		76	4.9%
6 7		31	2%
7		140	9%

### C3I\_ALPHABET: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1486   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1036	69.7%
1		450	30.3%
Sysmiss		77	



### C3I\_ALPHABET\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
Type: Discrete    Width: 5    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1114	71.3%
1		40	2.6%
1 2		12	0.8%
1 2 4		2	0.1%
1 2 6		2	0.1%
1 2 7		5	0.3%
1 4		1	0.1%
1 6		3	0.2%
1 6 7		5	0.3%
1 7		6	0.4%
2		51	3.3%
2 4		1	0.1%
2 6		2	0.1%
2 6 7		3	0.2%
2 7		11	0.7%
4		11	0.7%
4 5		2	0.1%
4 7		1	0.1%
5		4	0.3%
5 7		1	0.1%
6		77	4.9%
6 7		29	1.9%
7		180	11.5%

### C3J\_NUMBERS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1488    Invalid: 75    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		756	50.8%
1		732	49.2%
Sysmiss		75	

**C3J\_NUMBERS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:

Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		831	53.2%
1		88	5.6%
1 2		59	3.8%
1 2 4		14	0.9%
1 2 4 5		4	0.3%
1 2 4 5 6 7		1	0.1%
1 2 4 5 7		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		3	0.2%
1 2 5 6		1	0.1%
1 2 6		2	0.1%
1 2 6 7		1	0.1%
1 2 7		13	0.8%
1 4		9	0.6%
1 4 5 6 7		1	0.1%
1 4 5 7		1	0.1%
1 4 6		1	0.1%
1 4 7		7	0.4%

1 6		10	0.6%
1 6 7		6	0.4%
1 7		28	1.8%
2		57	3.6%
2 4 5		1	0.1%
2 4 6		1	0.1%
2 6		1	0.1%
2 6 7		1	0.1%
2 7		11	0.7%
4		22	1.4%
4 5		10	0.6%
4 5 6 7		1	0.1%
4 5 7		1	0.1%
4 7		3	0.2%
5		7	0.4%
5 6		1	0.1%
6		87	5.6%
6 7		40	2.6%
7		237	15.2%

### C3K\_HUGGED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1489   Invalid: 74   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		133	8.9%
1		1356	91.1%
Sysmiss		74	

### C3K\_HUGGED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid:  
Type: Continuous Width: 11 Range: - Format: character

### C3L\_SPANKED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1500 Invalid: 63 Minimum: 0 Maximum: 1  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		143	9.5%
1		1357	90.5%
Sysmiss		63	

### C3L\_SPANKED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid:  
Type: Discrete Width: 11 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		206	13.2%
1		345	22.1%
1 2		320	20.5%
1 2 4		29	1.9%
1 2 4 5		14	0.9%
1 2 4 5 6		2	0.1%
1 2 4 5 6 7		14	0.9%
1 2 4 6		4	0.3%
1 2 4 6 7		3	0.2%
1 2 4 7		3	0.2%

1 2 5		12	0.8%
1 2 5 6		3	0.2%
1 2 6		55	3.5%
1 2 6 7		28	1.8%
1 2 7		43	2.8%
1 4		18	1.2%
1 4 5		5	0.3%
1 4 6		4	0.3%
1 4 7		2	0.1%
1 5		10	0.6%
1 6		41	2.6%
1 6 7		17	1.1%
1 7		24	1.5%
2		177	11.3%
2 4		5	0.3%
2 4 5		1	0.1%
2 4 6		2	0.1%
2 5 6 7		1	0.1%
2 6		14	0.9%
2 6 7		2	0.1%
2 7		9	0.6%
4		28	1.8%
4 5		3	0.2%
4 6		2	0.1%
4 7		1	0.1%
5		10	0.6%
5 6		1	0.1%
6		70	4.5%
6 7		5	0.3%
7		30	1.9%

### C3M\_HIT: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1500   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		301	20.1%
1		1199	79.9%
Sysmiss		63	

**C3M\_HIT\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		364	23.3%
1		215	13.8%
1 2		284	18.2%
1 2 4		32	2%
1 2 4 5		11	0.7%
1 2 4 5 6		3	0.2%
1 2 4 5 6 7		10	0.6%
1 2 4 5 7		2	0.1%
1 2 4 6		4	0.3%
1 2 4 6 7		1	0.1%
1 2 4 7		5	0.3%
1 2 5		7	0.4%
1 2 5 6		2	0.1%
1 2 5 6 7		2	0.1%
1 2 6		60	3.8%
1 2 6 7		47	3%
1 2 7		61	3.9%
1 4		7	0.4%
1 4 5		2	0.1%
1 4 5 6		1	0.1%

1 4 6		1	0.1%
1 4 6 7		1	0.1%
1 4 7		1	0.1%
1 5		3	0.2%
1 6		38	2.4%
1 6 7		17	1.1%
1 7		22	1.4%
2		208	13.3%
2 4		4	0.3%
2 4 6		4	0.3%
2 5		1	0.1%
2 5 7		1	0.1%
2 6		25	1.6%
2 6 7		7	0.4%
2 7		12	0.8%
4		13	0.8%
4 5		1	0.1%
4 6		3	0.2%
4 6 7		1	0.1%
4 7		2	0.1%
5		3	0.2%
5 7		1	0.1%
6		47	3%
6 7		6	0.4%
7		21	1.3%

### **C3N\_SHOUTED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1498   Invalid: 65   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		192	12.8%
1		1306	87.2%

Sysmiss		65	
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### C3N\_SHOUTED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		257	16.4%
1		330	21.1%
1 2		304	19.4%
1 2 4		37	2.4%
1 2 4 5		13	0.8%
1 2 4 5 6		10	0.6%
1 2 4 5 6 7		16	1%
1 2 4 5 7		2	0.1%
1 2 4 6		2	0.1%
1 2 4 6 7		4	0.3%
1 2 4 7		3	0.2%
1 2 5		7	0.4%
1 2 5 6 7		1	0.1%
1 2 6		54	3.5%
1 2 6 7		43	2.8%
1 2 7		47	3%
1 4		18	1.2%
1 4 5		2	0.1%
1 4 6		2	0.1%
1 4 6 7		1	0.1%
1 4 7		1	0.1%
1 5		3	0.2%
1 5 6		2	0.1%
1 5 6 7		1	0.1%
1 5 7		1	0.1%
1 6		23	1.5%



1 6 7		24	1.5%
1 7		21	1.3%
2		177	11.3%
2 4		1	0.1%
2 4 6		2	0.1%
2 5		2	0.1%
2 5 6		1	0.1%
2 6		17	1.1%
2 6 7		4	0.3%
2 7		5	0.3%
4		19	1.2%
4 5		2	0.1%
4 5 6		1	0.1%
4 6		5	0.3%
4 6 7		1	0.1%
5		6	0.4%
6		56	3.6%
6 7		14	0.9%
7		21	1.3%

## HHREAD\_SCORE: Number of different types of reading materials reported in home

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1325   Invalid: 238   Minimum: 0   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		458	34.6%
1		307	23.2%
2		195	14.7%
3		133	10%
4		95	7.2%
5		53	4%
6		44	3.3%
7		38	2.9%

8		2	0.2%
Sysmiss		238	

## HHTOYS\_SCORE: Number of different types of play items reported in home

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1388   Invalid: 175   Minimum: 0   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		23	1.7%
1		39	2.8%
2		150	10.8%
3		358	25.8%
4		515	37.1%
5		201	14.5%
6		53	3.8%
7		35	2.5%
8		14	1%
Sysmiss		175	

## HHTOTEDU\_SCORE: Total number of educational objects in home (reading materials and play items)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1250   Invalid: 313   Minimum: 0   Maximum: 15  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 15   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		20	1.6%
1		24	1.9%
2		71	5.7%

3		176	14.1%
4		254	20.3%
5		211	16.9%
6		145	11.6%
7		96	7.7%
8		86	6.9%
9		47	3.8%
10		36	2.9%
11		32	2.6%
12		21	1.7%
13		13	1%
14		11	0.9%
15		7	0.6%
Sysmiss		313	

### STIMULATION\_SCORE: Number of different types of adult-child interactions/activities reported in las

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1369   Invalid: 194   Minimum: 0   Maximum: 11  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 11   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		21	1.5%
1		22	1.6%
2		51	3.7%
3		98	7.2%
4		125	9.1%
5		193	14.1%
6		181	13.2%
7		151	11%
8		153	11.2%
9		101	7.4%
10		133	9.7%
11		140	10.2%
Sysmiss		194	

**SCOLD\_SCORE: Number of different types of disciplinary actions reported in last seven days****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1488   Invalid: 75   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		100	6.7%
1		58	3.9%
2		210	14.1%
3		1120	75.3%
Sysmiss		75	

**ECCDENROL: D1. Is your child currently enrolled at a preschool or other early learning prog****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1507   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		947	62.8%
1		560	37.2%
Sysmiss		56	

**D2\_ECD\_NOT\_ENROL\_WHY: D2. Why is your child not enrolled at preschool?****Data file:** dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563   Invalid:  
 Type: Discrete   Width: 3   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		620	39.7%
0		137	8.8%
0 1		4	0.3%
0 2		1	0.1%
0 4		2	0.1%
0 5		2	0.1%
0 8		1	0.1%
0 9		1	0.1%
1		316	20.2%
1 6		1	0.1%
2		117	7.5%
2 4		1	0.1%
2 8		1	0.1%
3		1	0.1%
4		45	2.9%
4 5		1	0.1%
4 8		1	0.1%
5		4	0.3%
6		80	5.1%
8		101	6.5%
8 9		1	0.1%
9		125	8%

**D2\_ECD\_NOT\_ENROL\_WHY\_OTHER: Description of any additional reasons given by parents for not enrolling child i**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563 Invalid:  
Type: Continuous Width: 94 Range: - Format: character

**D4\_ECD\_HOW\_LONG: D4. How long has your child been in this preschool/program?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 560    Invalid: 1003    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		132	23.6%
1		262	46.8%
2		158	28.2%
9		8	1.4%
Sysmiss		1003	

## D6\_ECD\_DAYS: D6. In the last week, how many days did he/she go to ECCD?

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 560    Invalid: 1003    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		482	86.1%
2		67	12%
3		2	0.4%
4		9	1.6%
Sysmiss		1003	

## E1\_ROOF: E1. What kind of roof does your house have?

Data file: dataset\_cograparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1513    Invalid: 50    Minimum: 1    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		34	2.2%
2		104	6.9%
3		1369	90.5%
4		3	0.2%
8		3	0.2%
Sysmiss		50	

## E1\_ROOF\_OTHER: Description of other types of roofing materials

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 15    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1560	99.8%
Feuille de tôle		1	0.1%
Pas de CDPE		1	0.1%
Tôle métallique		1	0.1%

## E2\_WALLS: E2. What kind of walls does your house have?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513    Invalid: 50    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		367	24.3%
2		1062	70.2%
3		5	0.3%
6		48	3.2%
8		19	1.3%

9		12	0.8%
Sysmiss		50	

## E2\_WALLS\_OTHER: Description of other types of wall materials

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563 Invalid:  
Type: Discrete Width: 15 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1544	98.8%
Nés pas entouré		1	0.1%
Pas de murs		17	1.1%
Pas de mûrs		1	0.1%

## E3\_FLOOR: E3. What kind of floor does your house have?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513 Invalid: 50 Minimum: 1 Maximum: 8  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		1028	67.9%
2		481	31.8%
3		3	0.2%
8		1	0.1%
Sysmiss		50	

## E3\_FLOOR\_OTHER: Description of other types of flooring

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1563 Invalid:  
 Type: Discrete Width: 8 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1344	86%
.		218	13.9%
Cailloux		1	0.1%

## E4\_LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1512 Invalid: 51 Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		5	0.3%
2		33	2.2%
3		13	0.9%
4		17	1.1%
5		1225	81%
6		10	0.7%
7		155	10.3%
8		53	3.5%
9		1	0.1%
Sysmiss		51	

## E4\_LIGHT\_OTHER: Description of other types of lighting

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563 Invalid:  
 Type: Discrete Width: 39 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1510	96.6%
Ampoule pour batterie		1	0.1%
B		1	0.1%
Batterie		46	2.9%
Batterie puis les ampoules chinoise		1	0.1%
La batterie puis les ampoules chinoises		1	0.1%
Lampe a huile		1	0.1%
Lampe à huile		2	0.1%

### **RADIO: Does anyone in your household own the following... Radio?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		293	19.4%
1		1219	80.6%
Sysmiss		51	

### **TV: Does anyone in your household own the following... Television?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		710	47%

1		801	53%
Sysmiss		52	

### **MOPED: Does anyone in your household own the following... Moped or motorbike?**

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1509   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		203	13.5%
1		1306	86.5%
Sysmiss		54	

### **CAR: Does anyone in your household own the following... Motor vehicle (tractor, car, lo**

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1510   Invalid: 53   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		1340	88.7%
1		170	11.3%
Sysmiss		53	

### **PHONE: Does anyone in your household own the following... Mobile phone?**

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		56	3.7%
1		1455	96.3%
Sysmiss		52	

## **SOLAR: Does anyone in your household own the following... Solar panel?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		244	16.1%
1		1267	83.9%
Sysmiss		52	

## **COW: Does anyone in your household own the following... Cows (any number)?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		290	19.2%
1		1222	80.8%
Sysmiss		51	

**GOAT: Does anyone in your household own the following... Goats and/or sheep (any number)****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1506   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		221	14.7%
1		1285	85.3%
Sysmiss		57	

**HORSE: Does anyone in your household own the following... Horse and/or donkey (any number)****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		302	20%
1		1209	80%
Sysmiss		52	

**CART: Does anyone in your household own the following... Horse or donkey-drawn Cart?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		238	15.7%
1		1274	84.3%
Sysmiss		51	

## E6\_LIVELIHOOD: E6. What is the household's main source of livelihood?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 1   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		1417	93.7%
2		4	0.3%
3		23	1.5%
4		26	1.7%
5		24	1.6%
8		18	1.2%
Sysmiss		51	

## E6\_LIVELIHOOD\_OTHER: Description of other source of income

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 25   Range: -   Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1545	98.8%
Agriculture et commerce		1	0.1%
Berger		1	0.1%
Chauffeur		1	0.1%
Couture		1	0.1%
École coranique		1	0.1%

Elevage		2	0.1%
Forgeron		3	0.2%
L'élevage		1	0.1%
Marabout		2	0.1%
Maraboutage		1	0.1%
Moulin		1	0.1%
Son marie il est tailleur		1	0.1%
Tailleur		2	0.1%

### E7\_MUM\_PAIDWORK: E7. During the past 7 days, did the mother of the child do any kind of paid work

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1310	86.6%
1		175	11.6%
9		28	1.9%
Sysmiss		50	

### E8\_DAD\_PAIDWORK: E8. During the past 7 days, did the father of the child do any kind of paid work?

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1241	82%
1		233	15.4%
9		39	2.6%

Sysmiss		50	
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## EMPLOY: E6. What is the household's main source of livelihood?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1417	93.7%
1		95	6.3%
Sysmiss		51	

## ROOF: Type of building materials used in construction of roof of family home

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		138	9.1%
1		1374	90.9%
Sysmiss		51	

## WALLS: Type of building materials used in construction of walls of family home

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1501   Invalid: 62   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1448	96.5%
1		53	3.5%
Sysmiss		62	

## FLOOR: Type of building materials used for floor of family home

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1028	67.9%
1		485	32.1%
Sysmiss		50	

## LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		276	18.3%
1		1235	81.7%
Sysmiss		52	

**WEALTHINDEX: PCA score using data on household assets, house structure and paid work****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1478   Invalid: 85   Minimum: 0   Maximum: 3.34487533569336  
 Type: Continuous   Decimal: 0   Width: 18   Range: 0 - 3.34487533569336   Format: Numeric

**WEALTH5CAT: Overall wealth index divided into five quintiles****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1478   Invalid: 85   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		290	19.6%
1		302	20.4%
2		301	20.4%
3		93	6.3%
4		492	33.3%
Sysmiss		85	

**WEALTH2CAT: Binary grouping to identify the poorest households (two lowest quintiles vs rest****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1478   Invalid: 85   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		592	40.1%
1		886	59.9%
Sysmiss		85	

**ASSETSINDEX: PCA score using data on household assets only****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1495   Invalid: 68   Minimum: 0   Maximum: 2.72523880004883  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 2.72523880004883   Format: Numeric

**ASSETS5CAT: Household assets index divided into five quintiles****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1495   Invalid: 68   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		291	19.5%
1		313	20.9%
2		309	20.7%
3		19	1.3%
4		563	37.7%
Sysmiss		68	

**MEALSDAY: N9. How many times did your child eat a meal yesterday (include snacks)?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1513   Invalid: 50   Minimum: 1   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		4	0.3%
2		54	3.6%
3		489	32.3%
4		510	33.7%
5		456	30.1%

Sysmiss		50	
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## GRAINS: Did your child eat any of the following foods yesterday... Grains: millet, sorghum

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1507   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		9	0.6%
1		1498	99.4%
Sysmiss		56	

## ROOTS: Did your child eat any of the following foods yesterday... Roots: cassava, potato,

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1498   Invalid: 65   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1157	77.2%
1		341	22.8%
Sysmiss		65	

## BEANSNUTS: Did your child eat any of the following foods yesterday... Beans and nuts (arachid

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1495   Invalid: 68   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		547	36.6%
1		948	63.4%
Sysmiss		68	

### OTHEREG: Did your child eat any of the following foods yesterday... Other vegetables?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1163   Invalid: 400   Minimum: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 -   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1163	100%
Sysmiss		400	

### FRUIT: Did your child eat any of the following foods yesterday... Fruit?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1507   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		51	3.4%
1		1456	96.6%
Sysmiss		56	

### MEATFISH: Did your child eat any of the following foods yesterday... Meat, Poultry or Fish?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1502   Invalid: 61   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		425	28.3%
1		1077	71.7%
Sysmiss		61	

## MILK: Did your child eat any of the following foods yesterday... Milk?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1495   Invalid: 68   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		973	65.1%
1		522	34.9%
Sysmiss		68	

## EGGS: Did your child eat any of the following foods yesterday... Eggs?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1490   Invalid: 73   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1220	81.9%
1		270	18.1%
Sysmiss		73	

**PALMOIL: Did your child eat any of the following foods yesterday... Palm oil?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1502   Invalid: 61   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1337	89%
1		165	11%
Sysmiss		61	

**OTHEROIL: Did your child eat any of the following foods yesterday... Other oils and fats?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1506   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		73	4.8%
1		1433	95.2%
Sysmiss		57	

**LIMITDIET: Dietary diversity limited by lack of resources****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1481   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		920	62.1%
1		561	37.9%
Sysmiss		82	

## HUNGRY: Amount of food limited by lack of resources

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1506   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1407	93.4%
1		99	6.6%
Sysmiss		57	

## FG3\_WASH\_HANDS1: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1513   Invalid: 50   Minimum: 1   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		473	31.3%
2		9	0.6%
3		35	2.3%
4		1	0.1%
5		9	0.6%
6		955	63.1%
8		8	0.5%
9		23	1.5%
Sysmiss		50	



**FG3\_WASH\_HANDS2: G3. When do you usually wash your hands? Are there any other times?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1261    Invalid: 302    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		558	44.3%
3		65	5.2%
4		62	4.9%
5		156	12.4%
6		411	32.6%
8		8	0.6%
9		1	0.1%
Sysmiss		302	

**FG3\_WASH\_HANDS3: G3. When do you usually wash your hands? Are there any other times?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 741    Invalid: 822    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		262	35.4%
4		86	11.6%
5		310	41.8%
6		60	8.1%
8		22	3%
9		1	0.1%
Sysmiss		822	

**FG3\_WASH\_HANDS4: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 352    Invalid: 1211    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		49	13.9%
4		80	22.7%
5		219	62.2%
8		3	0.9%
9		1	0.3%
Sysmiss		1211	

**FG3\_WASH\_HANDS5: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 112    Invalid: 1451    Minimum: 4    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		31	27.7%
5		79	70.5%
8		2	1.8%
Sysmiss		1451	

**FG3\_WASH\_HANDS6: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 24    Invalid: 1539    Minimum: 5    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 5 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		19	79.2%
8		5	20.8%
Sysmiss		1539	

### FG3\_WASH\_HANDS\_OTHER: Description of other times hands are washed

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563 Invalid:  
 Type: Discrete Width: 53 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1515	96.9%
Après avoir quitter au champ		1	0.1%
Après chaque activité		1	0.1%
Après chaque travail		1	0.1%
Après avoir laver les assiettes et la lessive		1	0.1%
Après avoir quitter au champ ou en ville		1	0.1%
Après chaque activité		2	0.1%
Après chaque travail		2	0.1%
Après le dépôt de la fumure organique dans les champs		1	0.1%
Après les champs		1	0.1%
Après les sorties en brousse		1	0.1%
Après les sorties en ville		1	0.1%
Après les travaux		1	0.1%
Après les travaux aux champs		2	0.1%
Après les travaux champêtre		3	0.2%
Après les travaux champêtre s		1	0.1%
Après les travaux en brousse		1	0.1%
Après tous les travaux		1	0.1%
Après toutes sorte de travaux		1	0.1%
Après un travail		5	0.3%

Au moment des ablutions		1	0.1%
Au retour de la ville		1	0.1%
Au réveil matinal		1	0.1%
Avant de donner à manger.		1	0.1%
Avant la prière		1	0.1%
Faire des ablutions		1	0.1%
Il ne fait pas		1	0.1%
Lavage des ustensiles		1	0.1%
Les mains sales		2	0.1%
Les moments de prière		1	0.1%
Lors de la toilette		1	0.1%
Matin. et soir		1	0.1%
On veut pas		1	0.1%
Pdt les prières		1	0.1%
Pdt les prières		3	0.2%
Pdt. Les. Prières		1	0.1%
Travaux champ		1	0.1%

## ATTENDINFO: Parent attended at least one information session for parents

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1440 Invalid: 123 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		852	59.2%
1		588	40.8%
Sysmiss		123	

## FN12A\_LEARN4: N13(A). What were the three most important things you learnt during those sessions

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 587 Invalid: 976 Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		501	85.3%
2		10	1.7%
3		12	2%
4		19	3.2%
5		7	1.2%
6		2	0.3%
7		1	0.2%
8		5	0.9%
9		27	4.6%
10		3	0.5%
Sysmiss		976	

**FN12A\_LEARN5: N13(A). What were the three most important things you learnt during those sessio**

**Data file:** dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 519    Invalid: 1044    Minimum: 2    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 11    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		62	11.9%
3		166	32%
4		213	41%
5		39	7.5%
6		10	1.9%
7		5	1%
8		6	1.2%
9		6	1.2%
10		8	1.5%
11		4	0.8%
Sysmiss		1044	

## FN12A\_LEARN6: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 453    Invalid: 1110    Minimum: 3    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 11    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3		48	10.6%
4		98	21.6%
5		148	32.7%
6		59	13%
7		13	2.9%
8		10	2.2%
9		4	0.9%
10		61	13.5%
11		12	2.6%
Sysmiss		1110	

## FN12A\_LEARN7: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 74    Invalid: 1489    Minimum: 4    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 4 - 11    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
4		21	28.4%
5		10	13.5%
6		13	17.6%
7		3	4.1%
9		1	1.4%

10		15	20.3%
11		11	14.9%
Sysmiss		1489	

### FN12A\_LEARN8: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 18   Invalid: 1545   Minimum: 5   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 5 - 10   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
5		7	38.9%
6		5	27.8%
7		1	5.6%
10		5	27.8%
Sysmiss		1545	

### FN12A\_LEARN9: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 7   Invalid: 1556   Minimum: 6   Maximum: 11  
 Type: Discrete   Decimal: 0   Width: 2   Range: 6 - 11   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
6		3	42.9%
7		1	14.3%
10		2	28.6%
11		1	14.3%
Sysmiss		1556	

## FN12A\_LEARN10: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 2    Invalid: 1561    Minimum: 10    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 10 - 11    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
10		1	50%
11		1	50%
Sysmiss		1561	

## FN12A\_LEARN11: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1    Invalid: 1562    Minimum: 11    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 11    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
11		1	100%
Sysmiss		1562	

## FN12A\_LEARN3\_OTHER: Description of other things learnt in sessions

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 67    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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		1542	98.7%
Allaitement des enfants		1	0.1%
C est tout ce qu il a retenu		1	0.1%
Comment allaiter l'enfant, donner uniquement le sein jusqu'à 6 mois		1	0.1%
Education des enfants		1	0.1%
Espacement de naissance des enfants.		1	0.1%
Espacement des enfants.		1	0.1%
J ai oublié		1	0.1%
L' éducation		1	0.1%
L' éducation des enfants		1	0.1%
La santé infantile		1	0.1%
La scolarisation		1	0.1%
La vaccination des enfants		1	0.1%
Lui donné des aliments riches et variés		1	0.1%
Lutte contre l'exclusion		1	0.1%
Méthode de contraception		1	0.1%
Ne mangé pas les aliments mauvais		1	0.1%
Ne pas donner l'eau à l'enfant jusqu'à trois mois		1	0.1%
Propreté du corp des vetements dormir sous MLD		1	0.1%
Scolarisation des enfants		2	0.1%
Utiliser les moustiquaires		1	0.1%

### FN13\_LEARN\_SAME\_VILL: N13. Have you ever shared or discussed what you learnt with anyone else living i

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		988	65.4%
1		440	29.1%
9		83	5.5%
Sysmiss		52	

## FN14\_LEARN\_DIFF\_VILL: N14. Have you ever shared or discussed what you learnt with anyone else in livin

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1509    Invalid: 54    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1191	78.9%
1		230	15.2%
9		88	5.8%
Sysmiss		54	

## FG5\_MNP\_2016: G5. Have you ever added these sachets to your child's food?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1445    Invalid: 118    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		836	57.9%
1		609	42.1%
Sysmiss		118	

## FG6\_MNP\_2016\_FREQ: G6. On how many days in the last 7 days, were these sachets added to your child'

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 2    Range: -    Format: character

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
		954	61%
0		18	1.2%
1		454	29%
1a		36	2.3%
2		73	4.7%
3		8	0.5%
9		20	1.3%

**FG7\_NO\_MNP\_REASONS1: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 607    Invalid: 956    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		371	61.1%
1		15	2.5%
2		17	2.8%
3		13	2.1%
4		102	16.8%
5		47	7.7%
7		4	0.7%
8		10	1.6%
9		21	3.5%
10		1	0.2%
13		6	1%
Sysmiss		956	

**FG7\_NO\_MNP\_REASONS2: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 35   Invalid: 1528   Minimum: 1   Maximum: 14  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 14   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		10	28.6%
2		3	8.6%
3		1	2.9%
4		8	22.9%
5		8	22.9%
6		1	2.9%
8		1	2.9%
9		1	2.9%
10		1	2.9%
14		1	2.9%
Sysmiss		1528	

**FG7\_NO\_MNP\_REASONS3: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cogsraparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 12   Invalid: 1551   Minimum: 2   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		7	58.3%
4		2	16.7%
5		2	16.7%
9		1	8.3%
Sysmiss		1551	

**FG7\_NO\_MNP\_REASONS4: G7. The days when the sachet was not added to your child's food,**

## what were the r

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1    Invalid: 1562    Minimum: 5    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 5 - 5    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		1	100%
Sysmiss		1562	

## FG7\_NO\_MNP\_REASONS\_OTHER: Description of other reason for not using MNPs

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 37    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1552	99.3%
L'odeur gênait l'enfant		1	0.1%
L âge de l'enfant est dépassé		1	0.1%
La maman avait voyagé pour un jour		1	0.1%
La mère était en déplacement		1	0.1%
Le jour où on a pas fait bouillie		1	0.1%
Les enfants n'aiment pas mangé ça.		1	0.1%
Manque de MNP		2	0.1%
Oublié		1	0.1%
Pas de sachet		1	0.1%
Pas eu de temps		1	0.1%

## FN15\_MNP\_CHILD\_LIKE: N15. Does your child like to eat the food with the sachet added?

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 609    Invalid: 954    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		24	3.9%
1		575	94.4%
9		10	1.6%
Sysmiss		954	

## FG8\_MNP\_FOODTYPE1: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 609    Invalid: 954    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		572	93.9%
2		8	1.3%
3		3	0.5%
4		2	0.3%
8		7	1.1%
9		17	2.8%
Sysmiss		954	

## FG8\_MNP\_FOODTYPE2: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 217    Invalid: 1346    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		22	10.1%
3		55	25.3%
4		52	24%
5		7	3.2%
8		81	37.3%
Sysmiss		1346	

### FG8\_MNP\_FOODTYPE3: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 19    Invalid: 1544    Minimum: 3    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
3		3	15.8%
4		2	10.5%
8		14	73.7%
Sysmiss		1544	

### FG8\_MNP\_FOODTYPE4: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid:    Invalid: 1563    Maximum: \*  
 Type: Discrete    Decimal: 0    Width: 1    Range: - \*    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
Sysmiss	

**FG8\_MNP\_FOODTYPE\_OTHER: Description of other foods MNPs were added to****Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1563 Invalid:

Type: Discrete Width: 67 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1461	93.5%
Banane		1	0.1%
Cafe		4	0.3%
Café		16	1%
Café , sauces		1	0.1%
Café ou soupe		1	0.1%
Café, riz gras		1	0.1%
Café, soupe		1	0.1%
Café, soupe, les pattes		1	0.1%
Couscous		1	0.1%
Couscous et lait		1	0.1%
Des œufs		1	0.1%
Haricot spagette		1	0.1%
Haricot, tubercules		1	0.1%
La purée de l'harigot		1	0.1%
La purée de pomme de terre		1	0.1%
La soupe		1	0.1%
Lait		1	0.1%
Le café la soupe		1	0.1%
Le riz, la soupe		1	0.1%
Le riz, la soupe de poisson ou viande et de la pomme de terre purée		1	0.1%
Lipton		1	0.1%
Macaroni		1	0.1%
Papaye		2	0.1%
Papaye , mangue		1	0.1%
Pomme de terre		1	0.1%
Pomme de terre		7	0.4%
Pomme de terre, riz		1	0.1%



Pomme de terre.		1	0.1%
Purée de pomme de terre		1	0.1%
Riz		12	0.8%
Riz pommes de terre patate		1	0.1%
Riz sauce		1	0.1%
Riz tubercule		1	0.1%
Riz, pomme de terre		2	0.1%
Riz, spaghettis		1	0.1%
Sauce		13	0.8%
Sauce à base de feuilles de baobab		1	0.1%
Sauce du riz		2	0.1%
Sauce et café		1	0.1%
Sauce et pomme de terre purée		1	0.1%
Sauce pomme de terre		1	0.1%
Sose		1	0.1%
Soupe		7	0.4%
Spagette riz		1	0.1%
Spaghetti		1	0.1%
Tout aliment. lourd		1	0.1%

## FG10\_NOMNP\_FOODTYPE1: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 609    Invalid: 954    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		256	42%
2		63	10.3%
3		96	15.8%
4		10	1.6%
8		17	2.8%
9		167	27.4%
Sysmiss		954	

**FG10\_NOMNP\_FOODTYPE2: G10. To what kind of foods should the MNPs NOT be added to?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 198    Invalid: 1365    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		70	35.4%
3		96	48.5%
4		8	4%
8		20	10.1%
9		4	2%
Sysmiss		1365	

**FG10\_NOMNP\_FOODTYPE3: G10. To what kind of foods should the MNPs NOT be added to?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 22    Invalid: 1541    Minimum: 3    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		21	95.5%
8		1	4.5%
Sysmiss		1541	

**FG10\_NOMNP\_FOODTYPE4: G10. To what kind of foods should the MNPs NOT be added to?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid:    Invalid: 1563    Maximum: \*  
 Type: Discrete    Decimal: 0    Width: 1    Range: - \*    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
Sysmiss	

### FG10\_NOMNP\_FOODTYPE\_OTHER: Description of other foods that should not be used to give MNPs

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 22    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1525	97.6%
Aliments avec sauce		1	0.1%
Arachide		1	0.1%
Café		16	1%
Café soupe		1	0.1%
Café, sauce gombo		1	0.1%
Crème		1	0.1%
Dans tout les aliments		1	0.1%
Eaux		1	0.1%
Gombo		1	0.1%
Le lait la crème		1	0.1%
Repas frais		1	0.1%
Repas huilé		1	0.1%
Riz		8	0.5%
Sauce		1	0.1%
Sauce gluant,		1	0.1%
Sauce gombo, café		1	0.1%

### FG11\_MNP\_DIFFICULT: G11. On the whole, do you think that giving your child the MNPs was difficult to

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 607    Invalid: 956    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		560	92.3%
2		13	2.1%
3		7	1.2%
4		27	4.4%
Sysmiss		956	

**FG12\_MNP\_CHILD\_CHANGED: G12. Have you noticed any changes in your child since you began giving him/her M**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 609    Invalid: 954    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		32	5.3%
1		558	91.6%
9		19	3.1%
Sysmiss		954	

**FG12A\_MNP\_CHANGES1: 12(A). What changes have you noticed?**

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 557    Invalid: 1006    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		27	4.8%
1		283	50.8%
2		140	25.1%
3		13	2.3%
4		42	7.5%
5		1	0.2%
8		7	1.3%
9		9	1.6%
10		2	0.4%
11		18	3.2%
12		9	1.6%
13		6	1.1%
Sysmiss		1006	

## FG12A\_MNP\_CHANGES2: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 331    Invalid: 1232    Minimum: 1    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 13    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		7	2.1%
2		213	64.4%
3		23	6.9%
4		65	19.6%
5		10	3%
8		3	0.9%
10		3	0.9%
11		2	0.6%
12		2	0.6%
13		3	0.9%
Sysmiss		1232	

**FG12A\_MNP\_CHANGES3: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 136    Invalid: 1427    Minimum: 1    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 11    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1	0.7%
2		7	5.1%
3		53	39%
4		62	45.6%
5		8	5.9%
8		2	1.5%
9		1	0.7%
11		2	1.5%
Sysmiss		1427	

**FG12A\_MNP\_CHANGES4: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 51    Invalid: 1512    Minimum: 2    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 12    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		1	2%
3		2	3.9%
4		46	90.2%
5		1	2%
12		1	2%
Sysmiss		1512	

**FG12A\_MNP\_CHANGES5: 12(A). What changes have you noticed?****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 8    Invalid: 1555    Minimum: 4    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		2	25%
5		6	75%
Sysmiss		1555	

**FG12A\_MNP\_CHANGES\_OTHER: Description of other changes seen in child****Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1563    Invalid:  
 Type: Discrete    Width: 38    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1551	99.2%
A. pris du poids		1	0.1%
Changement de teint		1	0.1%
Changement de teint		1	0.1%
Enfant a grossi		1	0.1%
G n es rien remarquer		1	0.1%
Il grossit		1	0.1%
L'enfant n'a précis pas l'odeur du MNP		1	0.1%
L enfant entrain de grossir		1	0.1%
Le corps de l'enfant a changé		1	0.1%
Luisant		2	0.1%
Plus de maux de vende		1	0.1%

## FG13B\_MNP\_TREATMENT: 13(B). Did you need to take the child for medical treatment at CSCom or elsewhere

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 60    Invalid: 1503    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		20	33.3%
1		39	65%
9		1	1.7%
Sysmiss		1503	

## FG14\_MNP\_AGAIN: G14. Do you want to give your child MNPs again, when the distribution starts aga

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 608    Invalid: 955    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		4	0.7%
1		598	98.4%
9		6	1%
Sysmiss		955	

## MNPADD: Did child ever receive MNPs?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1445    Invalid: 118    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		836	57.9%
1		609	42.1%
Sysmiss		118	

### MNP\_DAYS: How many times per week did child receive MNPs?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1407   Invalid: 156   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		836	59.4%
1		8	0.6%
2		73	5.2%
4		36	2.6%
7		454	32.3%
Sysmiss		156	

### GF5\_NET\_USE: F5. Does your child sleep usually under a bed net?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1513   Invalid: 50   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		96	6.3%
1		1414	93.5%
9		3	0.2%

Sysmiss		50	
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### GF6\_NET\_LASTNIGHT: F6. Did your child sleep under a bed net last night?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1413   Invalid: 150   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		55	3.9%
1		1345	95.2%
9		13	0.9%
Sysmiss		150	

### SMC: Child received SMC (seasonal malaria chemoprevention) during rainy season 2015

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1469   Invalid: 94   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		92	6.3%
1		1377	93.7%
Sysmiss		94	

### GF8A\_SMC\_2015\_FREQ: F8(A). How many times did the child receive the tablets?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1377   Invalid: 186   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		4	0.3%
1		247	17.9%
2		702	51%
3		298	21.6%
8		38	2.8%
9		88	6.4%
Sysmiss		186	

### GF8A\_SMC\_2015\_FREQ\_OTHER: Description of other frequency of SMC

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 15    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1525	97.6%
1/an		6	0.4%
2/an		8	0.5%
2/ans		1	0.1%
3/an		7	0.4%
4		2	0.1%
4 fois		2	0.1%
4/an		2	0.1%
4fois		6	0.4%
5/an		2	0.1%
9fois		1	0.1%
Plusieurs fois		1	0.1%

### GN16\_SMC\_EFFECTCHILD: N16. Do you think the tablets have a good effect or a bad effect on your child's

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1360	90%
1		19	1.3%
2		28	1.9%
9		104	6.9%
Sysmiss		52	

## GN16A\_SMC\_BAD\_EFFECT: N16(A). What bad effects have you noticed?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 84   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1516	97%
Appétit diminuer		1	0.1%
Démangeaisons		1	0.1%
Diarhée		1	0.1%
Diarrehe		1	0.1%
Diarrhée		3	0.2%
Diarrhée et vomissements et douleur abdominales		1	0.1%
Diarrhée, vomissement		1	0.1%
Diarrhée, vomissements		1	0.1%
Douleurs abdominale		1	0.1%
Douleurs Abdominales, fièvre		1	0.1%
Fie vre		1	0.1%
Fievre		3	0.2%
Fièvre		3	0.2%
Fièvre ,malaise		1	0.1%

Fièvre vomissements		1	0.1%
Fièvres, toux		1	0.1%
L'enfant a vomit lorsqu'il a pris le comprimé		1	0.1%
L'enfant a vomit mais après ça allé		1	0.1%
L'enfant devient malade		1	0.1%
L'enfant vomissait et il ne se sentait pas trop bien mais il n'a pas été a l'hôpital		1	0.1%
L enfant est devenu faible		1	0.1%
L enfant est venu se couche après la pris e du medicament		1	0.1%
Ne peut pas décrire.		1	0.1%
Palu. Simple		1	0.1%
Secoue l'enfant		2	0.1%
Vomir,diarrhées		1	0.1%
Vomissement		2	0.1%
Vomissements		9	0.6%
Vomissements diarrhée		1	0.1%
Vomissements et voedème généralisé		1	0.1%
Vomissements, malaise		1	0.1%

### GF14\_SMC\_AGAIN: F14. Do you want your child to receive the tablets when the malaria treatment st

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1512 Invalid: 51 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		10	0.7%
1		1488	98.4%
9		14	0.9%
Sysmiss		51	

### ITN\_LASTNIGHT: F6. Did your child sleep under a bed net last night?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1510   Invalid: 53   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		165	10.9%
1		1345	89.1%
Sysmiss		53	

## HF3\_SICK\_2WKS: F3. Has your child been sick at any time in the last two weeks?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1292	85.5%
1		215	14.2%
9		4	0.3%
Sysmiss		52	

## HF3A\_SICK\_DESCRIBE: 3(A). Describe your child's illness(es)

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1563   Invalid:  
 Type: Discrete   Width: 7   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1349	86.3%
1		64	4.1%

1 2		9	0.6%
1 2 3		1	0.1%
1 2 4		3	0.2%
1 2 4 6		1	0.1%
1 2 5		1	0.1%
1 3		1	0.1%
1 4		3	0.2%
1 4 6		1	0.1%
1 5		1	0.1%
1 7		1	0.1%
1 8		1	0.1%
2		45	2.9%
2 3		3	0.2%
2 3 4		1	0.1%
2 3 8		1	0.1%
2 4		1	0.1%
2 4 5		2	0.1%
2 4 6		1	0.1%
2 6 9		1	0.1%
2 8		2	0.1%
3		19	1.2%
3 8		2	0.1%
4		2	0.1%
4 5		1	0.1%
4 6		1	0.1%
5		1	0.1%
5 6		1	0.1%
6		9	0.6%
6 8		2	0.1%
7		8	0.5%
8		21	1.3%
9		3	0.2%

### HF3A\_SICK\_DESCRIBE\_OTHER: Description of other illness that child experienced

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1563    Invalid:  
 Type: Discrete    Width: 51    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1534	98.1%
Abcès		1	0.1%
Blancheur de la langue il tombe malade chaque mois		1	0.1%
Blessure		1	0.1%
Boutons allergiques		1	0.1%
Céphalée		1	0.1%
Cephalees		1	0.1%
Céphalées		2	0.1%
Dent		1	0.1%
Enfllement du corp du ventre		1	0.1%
Entorse		1	0.1%
Éruption cutanée		1	0.1%
Grippe		1	0.1%
La rhume		1	0.1%
Mail de ventre		1	0.1%
Maux d'oreilles		1	0.1%
Maux de tete		2	0.1%
Maux de tête		5	0.3%
Otite suppurée		1	0.1%
Prurit		1	0.1%
Rhume		3	0.2%
Varicelle		1	0.1%

**HH1\_PLAY: H1. In the last 7 days, how often has your child been well enough to play with o**

**Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		72	4.8%



1		56	3.7%
2		198	13.1%
3		1183	78.2%
9		3	0.2%
Sysmiss		51	

## HH2\_SLEEP: H2. In the last 7 days, how well has your child been sleeping?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1511   Invalid: 52   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		12	0.8%
1		34	2.3%
2		163	10.8%
3		1296	85.8%
9		6	0.4%
Sysmiss		52	

## HH3\_ACTIVE: H3. In the last 7 days, how often has your child been active/energetic?

Data file: dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1512   Invalid: 51   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		12	0.8%
1		60	4%
2		227	15%
3		1210	80%
9		3	0.2%

Sysmiss

51

## **HAD\_PARENT\_2016: Derived variable which confirms that a parent interview was completed in 2016**

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1515   Invalid: 48   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1		1515	100%
Sysmiss		48	

## **AT\_LEAST\_ONE\_SURVEY2014: Derived variable which confirms that child was included in one or more of the cr**

**Data file:** dataset\_cogsrparent\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1298   Invalid: 265   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1		1298	100%
Sysmiss		265	

**START\_COG: Date and time cognitive assessment started****Data file:** dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055    Invalid:  
 Type: Continuous    Width: 21    Range: -    Format: character

**COG2016\_DATE: Date of cognitive assessment, eg 2016-06-01****Data file:** dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.2%
2016-06-24		71	6.7%
2016-06-25		72	6.8%
2016-06-26		71	6.7%
2016-06-27		68	6.4%
2016-06-28		71	6.7%
2016-06-29		62	5.9%
2016-06-30		52	4.9%
2016-07-01		52	4.9%
2016-07-02		37	3.5%
2016-07-03		50	4.7%
2016-07-07		65	6.2%
2016-07-08		57	5.4%
2016-07-09		50	4.7%
2016-07-10		52	4.9%
2016-07-11		61	5.8%
2016-07-12		35	3.3%
2016-07-13		47	4.5%
2016-07-14		55	5.2%
2016-07-15		17	1.6%
2016-07-16		3	0.3%
2016-07-17		5	0.5%

**COG2016\_DATESURVEY: Date of cognitive assessment, eg 01jun2016****Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055    Invalid:

Type: Discrete    Width: 10    Range: -    Format: date

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.2%
2016-06-24		71	6.7%
2016-06-25		72	6.8%
2016-06-26		71	6.7%
2016-06-27		68	6.4%
2016-06-28		71	6.7%
2016-06-29		62	5.9%
2016-06-30		52	4.9%
2016-07-01		52	4.9%
2016-07-02		37	3.5%
2016-07-03		50	4.7%
2016-07-07		65	6.2%
2016-07-08		57	5.4%
2016-07-09		50	4.7%
2016-07-10		52	4.9%
2016-07-11		61	5.8%
2016-07-12		35	3.3%
2016-07-13		47	4.5%
2016-07-14		55	5.2%
2016-07-15		17	1.6%
2016-07-16		3	0.3%
2016-07-17		5	0.5%

**INTERVIEWER\_ID\_COG: Unique identifier of Cognitive Assessor****Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055    Invalid:

Type: Discrete Width: 4 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
e700		10	0.9%
e702		14	1.3%
e703		10	0.9%
e704		19	1.8%
e705		33	3.1%
e706		21	2%
e707		18	1.7%
e710		36	3.4%
e716		33	3.1%
e718		4	0.4%
e725		1	0.1%
e730		91	8.6%
e731		58	5.5%
e732		79	7.5%
e733		44	4.2%
e734		37	3.5%
e735		29	2.7%
e736		40	3.8%
e737		42	4%
e738		39	3.7%
e739		48	4.5%
e740		39	3.7%
e741		16	1.5%
e742		39	3.7%
e743		50	4.7%
e744		39	3.7%
e745		46	4.4%
e746		31	2.9%
e747		45	4.3%
e748		44	4.2%

**CHILDIDSIEF: Unique identifier of child****Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

**Overview**

Valid: 1055    Invalid:  
 Type: Continuous    Width: 7    Range: -    Format: character

**VILLAGENAME: Village name**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1055    Invalid:  
 Type: Continuous    Width: 21    Range: -    Format: character

**CERCLENAME: District name**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Sikasso		931	88.2%
Yorosso		124	11.8%

**COMMUNENAME: Sub district name**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 21    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Danderesso		80	7.6%
Diomatene		19	1.8%
Doumanaba		72	6.8%
Farakala		57	5.4%
Finkolo		59	5.6%

Gongasso		43	4.1%
Kaboila		108	10.2%
Kafouziela		18	1.7%
Kapala		57	5.4%
Kapolondougou		75	7.1%
Klela		53	5%
Kolokoba		57	5.4%
Koumbia		17	1.6%
Kouoro		10	0.9%
Koury		45	4.3%
Mahou		19	1.8%
Menaba		25	2.4%
Menamba 1		18	1.7%
Missirikoro		22	2.1%
Natien		55	5.2%
Niena		66	6.3%
Pimperna		51	4.8%
Sokourani-Missirikoro		11	1%
Zanferebougou		18	1.7%

### VILLAGEUBSID: Village code

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid: Minimum: 1011 Maximum: 2241  
 Type: Continuous Decimal: 0 Width: 4 Range: 1011 - 2241 Format: Numeric

### CERCLEID: Unique identifier of district

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		931	88.2%
2		124	11.8%

**COMMUNEUBSID: Sub district code****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055    Invalid:    Minimum: 101    Maximum: 224  
 Type: Discrete    Decimal: 0    Width: 3    Range: 101 - 224    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
101		59	5.6%
102		57	5.4%
103		75	7.1%
104		18	1.7%
105		43	4.1%
106		72	6.8%
107		55	5.2%
108		57	5.4%
109		57	5.4%
110		22	2.1%
111		11	1%
112		108	10.2%
113		51	4.8%
114		53	5%
115		18	1.7%
116		10	0.9%
117		66	6.3%
118		80	7.6%
119		19	1.8%
221		17	1.6%
222		45	4.3%
223		43	4.1%
224		19	1.8%

**ECDVILLAGE: Villages with an ECD pre-school program****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1055 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	non-ECD	0	0%
1	ECD village	1055	100%

## TRIALARM: Classifies 60 villages according to intervention received - use for statistical

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	non-ECD	0	0%
1	ECD control	521	49.4%
2	MNP intervention	534	50.6%

## ARMBLIND: Ignore - for analysis use variable trialarm

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
R		521	49.4%
Z		534	50.6%

**AGEGROUP\_COG: Age group of child in 2016****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:   Minimum: 3   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		1055	100%

**AGE\_COGTEST\_MONTHS: Age in months at time of cognitive assessment in 2016****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:   Minimum: 14   Maximum: 68  
 Type: Continuous   Decimal: 0   Width: 16   Range: 14 - 68   Format: Numeric

**SEX\_COG: Sex of child****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1051   Invalid: 4   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		515	49%
2		536	51%
Sysmiss		4	

**LANG\_CHILD\_ALL: Language spoken by the child (Mother tongue)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:   Minimum: 1   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 10   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	478	45.3%
2	Shenara	489	46.4%
3	Mamara	38	3.6%
4	French	0	0%
5	Bobo	0	0%
6	Bomu	37	3.5%
7	Peulh	5	0.5%
8	Samogo	7	0.7%
9	Sarakole	0	0%
10	Dogono	1	0.1%

### LANG\_ASSESS\_ALL: Language used to speak to the child during cognitive assessment

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1053    Invalid: 2    Minimum: 1    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 7    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Bambara	566	53.8%
2	Shenara	433	41.1%
3	Mamara	32	3%
4	French	0	0%
5	Bobo	0	0%
6	Bomu	21	2%
7	Peulh	1	0.1%
8	Samogo	0	0%
9	Sarakole	0	0%
10	Dogono	0	0%
Sysmiss		2	

**LANGASSESS\_MATCH: Language used during cognitive assessment same as mother tongue****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	same	965	91.5%
1	different	90	8.5%

**COGBATTERY\_AGE: Age-specific test battery used to assess child****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055   Invalid:   Minimum: 3   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		1050	99.5%
5		5	0.5%

**ITEM1\_SCORE\_TAM: Ice-breaker exercise****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1054   Invalid: 1   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		61	5.8%
1		504	47.8%
2		489	46.4%

Sysmiss		1	
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### ITEM2\_SCORE\_LAVANT: Walking forwards along a line

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 919    Invalid: 136    Minimum: 0    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 2    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		51	5.5%
1		237	25.8%
2		631	68.7%
Sysmiss		136	

### ITEM2\_SCORE\_RECULON: Walking backwards along a line

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 919    Invalid: 136    Minimum: 0    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 2    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		199	21.7%
1		392	42.7%
2		328	35.7%
Sysmiss		136	

### ITEM2\_MARCHER\_SCORE\_TOT: Total test score for 'walking a line'

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 919    Invalid: 136    Minimum: 0    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		47	5.1%
1		93	10.1%
2		209	22.7%
3		244	26.6%
4		326	35.5%
Sysmiss		136	

### ITEM3\_SCORE\_SAUTER: Child could hop (at least one hop)

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 924    Invalid: 131    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		165	17.9%
1		759	82.1%
Sysmiss		131	

### ITEM3\_SCORE\_NOMBRE: Number of times that child was able to hop on one foot

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 924    Invalid: 131    Minimum: 0    Maximum: 10  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 10    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		166	18%
1		58	6.3%
2		105	11.4%

3		95	10.3%
4		50	5.4%
5		71	7.7%
6		49	5.3%
7		32	3.5%
8		53	5.7%
9		27	2.9%
10		218	23.6%
Sysmiss		131	

### ITEM4\_PSCOREA: Child clapped (practice item)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		59	6.6%
1		835	93.4%
Sysmiss		161	

### ITEM4\_PSCOREB: Child handed block to assessor (practice item)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		79	8.8%
1		815	91.2%
Sysmiss		161	

**ITEM4\_PSCOREC: Child hopped on one foot (practice item)****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		130	14.5%
1		764	85.5%
Sysmiss		161	

**ITEM4\_SAUTE\_SCORE: Hopped first (test item)****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		164	18.3%
1		730	81.7%
Sysmiss		161	

**ITEM4\_TAPE\_SCORE: Clapped second (test item)****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
0		238	26.6%
1		656	73.4%
Sysmiss		161	

### ITEM4\_BLOC\_SCORE: Handed block to assessor third (test item)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		276	30.9%
1		618	69.1%
Sysmiss		161	

### ITEM4\_SCORE\_TOT\_3YR: Total test score for 'following instructions', calculated as the sum of the three

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 3    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		80	8.9%
1		150	16.8%
2		138	15.4%
3		526	58.8%
Sysmiss		161	

**ITEM4\_REVIEW\_BATTERY: CHECKPOINT****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		57	6.4%
1		837	93.6%
Sysmiss		161	

**ITEM5\_GR\_CERCLE: Child correctly identified the largest circle****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		41	4.9%
1		796	95.1%
Sysmiss		218	

**ITEM5\_PT\_CERCLE: Child correctly identified the smallest circle****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		135	16.1%

1		702	83.9%
Sysmiss		218	

### ITEM5\_PS\_LONG: Child correctly identified the longest pencil

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837   Invalid: 218   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		58	6.9%
1		779	93.1%
Sysmiss		218	

### ITEM5\_PS\_COURT: Child correctly identified the shortest pencil

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837   Invalid: 218   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		106	12.7%
1		731	87.3%
Sysmiss		218	

### ITEM5\_SCORE\_TOT: Total test score for 'sizes and lengths', calculated as the sum of the four test

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837   Invalid: 218   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		5	0.6%
1		26	3.1%
2		43	5.1%
3		156	18.6%
4		607	72.5%
Sysmiss		218	

### ITEM6\_SCORE\_ACT: Tracing a circle accurately (following along the circular line)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 3    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		23	2.7%
1		375	44.8%
2		401	47.9%
3		38	4.5%
Sysmiss		218	

### ITEM6\_SCORE\_PRISE: Grip of pencil

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 833    Invalid: 222    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		464	55.7%

1		369	44.3%
Sysmiss		222	

### ITEM6\_SCORE\_PERSISTE: Did the child show good persistence on the task?

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		322	38.5%
1		515	61.5%
Sysmiss		218	

### ITEM6\_SCORE\_TOTAL: Total test score for 'tracing a circle'

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 833    Invalid: 222    Minimum: 0    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 5    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		20	2.4%
1		154	18.5%
2		226	27.1%
3		202	24.2%
4		198	23.8%
5		33	4%
Sysmiss		222	

### VISUAL\_S\_3\_BALLOONS\_FINAL: Number of footballs identified correctly

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 894    Invalid: 161    Minimum: 0    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		59	6.6%
1		1	0.1%
2		3	0.3%
3		7	0.8%
4		6	0.7%
5		19	2.1%
6		26	2.9%
7		23	2.6%
8		34	3.8%
9		27	3%
10		53	5.9%
11		44	4.9%
12		67	7.5%
13		84	9.4%
14		102	11.4%
15		339	37.9%
Sysmiss		161	

## VISUAL\_S\_3\_MOSQUITO\_FINAL: Number of mosquitoes identified correctly

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 818    Invalid: 237    Minimum: 0    Maximum: 18  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 18    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		64	7.8%
1		8	1%
2		11	1.3%

3		16	2%
4		26	3.2%
5		34	4.2%
6		34	4.2%
7		37	4.5%
8		48	5.9%
9		40	4.9%
10		56	6.8%
11		45	5.5%
12		52	6.4%
13		50	6.1%
14		48	5.9%
15		62	7.6%
16		55	6.7%
17		42	5.1%
18		90	11%
Sysmiss		237	

### **VISUAL\_S\_3\_ERRORS\_FINAL: Number of non-target items that child also pointed to (errors of commission)**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 895    Invalid: 160    Minimum: 0    Maximum: 39  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 39    Format: Numeric

#### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		309	34.5%
1		92	10.3%
2		68	7.6%
3		72	8%
4		71	7.9%
5		65	7.3%
6		41	4.6%
7		32	3.6%
8		23	2.6%
9		23	2.6%

10		22	2.5%
11		16	1.8%
12		12	1.3%
13		10	1.1%
14		6	0.7%
15		5	0.6%
16		3	0.3%
17		6	0.7%
18		4	0.4%
19		5	0.6%
20		5	0.6%
21		1	0.1%
23		2	0.2%
26		1	0.1%
39		1	0.1%
Sysmiss		160	

## **VISUALSEARCH\_TOT: Total number of all target items (footballs and mosquitoes) correctly identified**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 818    Invalid: 237    Minimum: 0    Maximum: 33  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 33    Format: Numeric

### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		58	7.1%
3		1	0.1%
4		3	0.4%
5		3	0.4%
6		4	0.5%
7		2	0.2%
8		7	0.9%
9		3	0.4%
10		12	1.5%
11		8	1%
12		11	1.3%



13		18	2.2%
14		11	1.3%
15		17	2.1%
16		22	2.7%
17		25	3.1%
18		26	3.2%
19		29	3.5%
20		27	3.3%
21		25	3.1%
22		33	4%
23		42	5.1%
24		32	3.9%
25		45	5.5%
26		37	4.5%
27		37	4.5%
28		44	5.4%
29		43	5.3%
30		40	4.9%
31		41	5%
32		37	4.5%
33		75	9.2%
Sysmiss		237	

### ITEM8\_NOURRITURE: Total number of different food items named

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 836    Invalid: 219    Minimum: 0    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 12    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		23	2.8%
1		26	3.1%
2		118	14.1%
3		225	26.9%
4		173	20.7%

5		130	15.6%
6		76	9.1%
7		30	3.6%
8		19	2.3%
9		10	1.2%
10		2	0.2%
11		3	0.4%
12		1	0.1%
Sysmiss		219	

### ITEM8\_ANIMAUX: Total number of different animals named

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		43	5.1%
1		66	7.9%
2		186	22.2%
3		212	25.3%
4		186	22.2%
5		97	11.6%
6		30	3.6%
7		10	1.2%
8		4	0.5%
9		3	0.4%
Sysmiss		218	

### EXPRESSVOCABTOT: Total number of different food items and animals named; sum of two test items

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 20  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 20    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		21	2.5%
1		6	0.7%
2		18	2.2%
3		49	5.9%
4		42	5%
5		129	15.4%
6		97	11.6%
7		152	18.2%
8		78	9.3%
9		96	11.5%
10		55	6.6%
11		37	4.4%
12		28	3.3%
13		9	1.1%
14		6	0.7%
15		6	0.7%
17		4	0.5%
18		1	0.1%
19		2	0.2%
20		1	0.1%
Sysmiss		218	

### ITEM9\_REVIEW\_RAN: CHECKPOINT

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		9	1.1%
1		828	98.9%

Sysmiss		218	
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### ITEM9\_REMARQUES: After RAN completed, record whether the child showed good persistence on the RAN

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 837    Invalid: 218    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		67	8%
1		770	92%
Sysmiss		218	

### RAN\_3\_TEST1\_ERRORS\_FINAL: RAN Test 1 - number of errors (wrong name, skipped)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 823    Invalid: 232    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		555	67.4%
1		99	12%
2		65	7.9%
3		56	6.8%
4		18	2.2%
5		6	0.7%
6		11	1.3%
7		4	0.5%
8		2	0.2%
9		3	0.4%
10		3	0.4%

13		1	0.1%
Sysmiss		232	

### RAN\_3\_TEST1\_AUTOCORRECT\_FINAL: RAN Test 1 - number of autocorrections

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 827    Invalid: 228    Minimum: 0    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		654	79.1%
1		133	16.1%
2		29	3.5%
3		6	0.7%
4		4	0.5%
15		1	0.1%
Sysmiss		228	

### RAN\_3\_TEST1\_CORRECT\_FINAL: RAN Test 1 - number of images named correctly

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 822    Invalid: 233    Minimum: 2    Maximum: 24  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 24    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		1	0.1%
3		1	0.1%
4		1	0.1%
5		3	0.4%
6		3	0.4%
7		4	0.5%
8		8	1%

9		11	1.3%
10		16	1.9%
11		32	3.9%
12		53	6.4%
13		83	10.1%
14		146	17.8%
15		458	55.7%
23		1	0.1%
24		1	0.1%
Sysmiss		233	

### RAN1TIME: RAN Test 1 - time taken to complete test (in seconds)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 891    Invalid: 164    Minimum: 0    Maximum: 180  
 Type: Continuous    Decimal: 0    Width: 3    Range: 0 - 180    Format: Numeric

### RAN\_3\_TEST2\_ERRORS\_FINAL: RAN Test 2 - number of errors (wrong name, skipped)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 823    Invalid: 232    Minimum: 0    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 12    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		646	78.5%
1		65	7.9%
2		42	5.1%
3		38	4.6%
4		12	1.5%
5		7	0.9%
6		4	0.5%
7		2	0.2%
8		2	0.2%
9		2	0.2%
10		1	0.1%

12		2	0.2%
Sysmiss		232	

### RAN\_3\_TEST2\_AUTOCORRECT\_FINAL: RAN Test 2 - number of autocorrections

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 825    Invalid: 230    Minimum: 0    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		677	82.1%
1		103	12.5%
2		35	4.2%
3		5	0.6%
4		3	0.4%
5		1	0.1%
7		1	0.1%
Sysmiss		230	

### RAN\_3\_TEST2\_CORRECT\_FINAL: RAN Test 2 - number of images named correctly

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 821    Invalid: 234    Minimum: 1    Maximum: 24  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 24    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.1%
2		1	0.1%
3		2	0.2%
5		1	0.1%
6		5	0.6%
7		3	0.4%

8		2	0.2%
9		7	0.9%
10		13	1.6%
11		24	2.9%
12		44	5.4%
13		55	6.7%
14		106	12.9%
15		554	67.5%
24		3	0.4%
Sysmiss		234	

### RAN2TIME: RAN Test 2 - time taken to complete test (in seconds)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 890   Invalid: 165   Minimum: 0   Maximum: 177  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 177   Format: Numeric

### RANTIME\_TOT: Total time taken to complete both tests (in seconds); sum of time taken to compl

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 828   Invalid: 227   Minimum: 28   Maximum: 335  
 Type: Continuous   Decimal: 0   Width: 3   Range: 28 - 335   Format: Numeric

### RANERRORS\_TOT: Total number of errors (wrong name, skipped) during RAN; sum of errors made in R

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 825   Invalid: 230   Minimum: 0   Maximum: 25  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 25   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		519	62.9%
1		92	11.2%



2		58	7%
3		40	4.8%
4		34	4.1%
5		25	3%
6		17	2.1%
7		7	0.8%
8		7	0.8%
9		3	0.4%
10		7	0.8%
11		3	0.4%
12		2	0.2%
13		4	0.5%
14		2	0.2%
17		1	0.1%
18		1	0.1%
19		1	0.1%
22		1	0.1%
25		1	0.1%
Sysmiss		230	

### ITEM10A\_OB1: Child examined the test materials with interest and curiosity

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1053   Invalid: 2   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		202	19.2%
1		851	80.8%
Sysmiss		2	

### ITEM10A\_OB2: Child quickly understood the test instructions

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		318	30.1%
1		737	69.9%

## ITEM10A\_OB3: Child paid close attention throughout all the tests

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1052   Invalid: 3   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		334	31.7%
1		718	68.3%
Sysmiss		3	

## ITEM10A\_OB4: Child was happy/talkative/enjoyed participating in the tests

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1050   Invalid: 5   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		338	32.2%
1		712	67.8%
Sysmiss		5	

**ITEM10A\_OB5: Child was confident and independent (did not look for mother/caregiver)****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1050   Invalid: 5   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		249	23.7%
1		801	76.3%
Sysmiss		5	

**ITEM10A\_OB6: Child was shy throughout all the tests****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1050   Invalid: 5   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		702	66.9%
1		348	33.1%
Sysmiss		5	

**ITEM10A\_OB7: Child refused to speak****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1050   Invalid: 5   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		893	85%
1		157	15%
Sysmiss		5	

### ITEM10A\_OB8: Child was distressed/cried throughout the tests

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1049   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		956	91.1%
1		93	8.9%
Sysmiss		6	

### ITEM10A\_OB9: Child was easily distracted during the tests

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1053   Invalid: 2   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		633	60.1%
1		420	39.9%
Sysmiss		2	

### ITEM10A\_OB10: Child was disruptive and uncooperative during tests

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		956	90.6%
1		99	9.4%

## ITEM10B\_OB1: Child was tired or hungry on day of survey

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1053    Invalid: 2    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		961	91.3%
1		92	8.7%
Sysmiss		2	

## ITEM10B\_OB2: Child was sick on day of survey

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1052    Invalid: 3    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1027	97.6%
1		25	2.4%
Sysmiss		3	

**ITEM10B\_OB4: Child completely refused to participate in the tests****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1049   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		923	88%
1		126	12%
Sysmiss		6	

**ITEM10B\_OB5: A translator was used to carry out the tests with the child****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1048   Invalid: 7   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		889	84.8%
1		159	15.2%
Sysmiss		7	

**ITEM10B\_OB6: Is child currently enrolled in an ECD (pre-school) programme?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		659	62.5%

1		396	37.5%
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### ITEM10B\_OB3: Child has a handicap (for example, deaf or mute)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1048 Invalid: 7 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1044	99.6%
1		4	0.4%
Sysmiss		7	

### ITEM10B\_OB3\_HANDICAP: Description of type of handicap

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid:  
 Type: Discrete Width: 129 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1052	99.7%
Il begue		1	0.1%
L'enfant est muet, ne peut même pas parler et présente un sérieux problème pour marcher. Il faut toujours l'assistance du tuteur.		1	0.1%
Ne peut pas parler		1	0.1%

### INTERVIEWER\_ID\_PARENT: Unique identifier of field worker conducting the interview

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid:  
 Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		32	3%
e700		6	0.6%
e701		4	0.4%
e702		12	1.1%
e703		18	1.7%
e704		16	1.5%
e705		27	2.6%
e706		21	2%
e707		13	1.2%
e708		38	3.6%
e709		41	3.9%
e710		57	5.4%
e711		7	0.7%
e712		36	3.4%
e713		32	3%
e714		48	4.5%
e715		37	3.5%
e716		26	2.5%
e717		38	3.6%
e718		85	8.1%
e719		48	4.5%
e720		30	2.8%
e721		28	2.7%
e722		43	4.1%
e723		36	3.4%
e724		51	4.8%
e725		34	3.2%
e726		37	3.5%
e727		23	2.2%
e728		33	3.1%
e729		10	0.9%
e730		41	3.9%
e731		47	4.5%



**AN3\_NORESIDE\_REASON: Records if child was still resident in village in 2016 or not****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1023   Invalid: 32   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1021	99.8%
3		2	0.2%
Sysmiss		32	

**AN3\_NORESIDE\_OTHER: Reason interview not completed in 2016****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1055	100%

**A8\_RELATION\_CHILD: Relationship to child****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1021   Invalid: 34   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 6   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		575	56.3%
2		141	13.8%
3		59	5.8%

4		51	5%
5		37	3.6%
6		158	15.5%
Sysmiss		34	

## A8\_RELATION\_CHILD\_OTHER: Description of relationship to child

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 22    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		897	85%
Ami		1	0.1%
Beau frère		1	0.1%
Belle mère		1	0.1%
Belle soeur		2	0.2%
Coepouse		3	0.3%
Coepouse de la mère		1	0.1%
Coépouse de la mère		1	0.1%
Coepouse de sa mere		1	0.1%
Coépouse/ marâtre		1	0.1%
Enfant de sa soeur		1	0.1%
Frere		1	0.1%
Frère		1	0.1%
Grand-père		2	0.2%
Grand frere		1	0.1%
Grand seur		1	0.1%
Grand frere		3	0.3%
Grand Frere		1	0.1%
Grand frère		5	0.5%
Grand Frère		2	0.2%
Grand seur		1	0.1%
Grand sœur		1	0.1%
Grande-sœur de la mère		1	0.1%

Grande Frere		1	0.1%
Grande mère		1	0.1%
Grande soeur		1	0.1%
Grande sœur		2	0.2%
Grande Soeur		1	0.1%
Grande Soueur		1	0.1%
Marâtre		6	0.6%
Marratre		1	0.1%
Nièce		3	0.3%
Oncle		22	2.1%
Petit frere		1	0.1%
Petit frère		1	0.1%
Petit soeur		1	0.1%
Tante		47	4.5%
Tante,		1	0.1%
Tantie		2	0.2%
Tente		3	0.3%
Ton ton		1	0.1%
Tonton		28	2.7%
Voisine		1	0.1%

#### AN4\_GUARDIAN: N4. Are you the main person responsible for the welfare of this child?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

##### Overview

Valid: 305    Invalid: 750    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		42	13.8%
1		263	86.2%
Sysmiss		750	

#### AN5\_INTERVIEW\_HOME: N5. Is interview being done in child's home?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		435	42.6%
1		585	57.3%
9		1	0.1%
Sysmiss		34	

## B2\_MUM\_AGE: B2. What is the mother's age?

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 803   Invalid: 252   Minimum: 15   Maximum: 63  
 Type: Discrete   Decimal: 0   Width: 2   Range: 15 - 63   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
15		3	0.4%
16		1	0.1%
17		3	0.4%
18		16	2%
19		19	2.4%
20		72	9%
21		10	1.2%
22		34	4.2%
23		23	2.9%
24		21	2.6%
25		74	9.2%
26		40	5%
27		33	4.1%
28		38	4.7%
29		29	3.6%
30		145	18.1%

31		15	1.9%
32		32	4%
33		11	1.4%
34		9	1.1%
35		51	6.4%
36		19	2.4%
37		12	1.5%
38		16	2%
39		6	0.7%
40		35	4.4%
41		3	0.4%
42		4	0.5%
43		4	0.5%
45		10	1.2%
46		3	0.4%
48		2	0.2%
49		3	0.4%
50		4	0.5%
52		1	0.1%
60		1	0.1%
63		1	0.1%
Sysmiss		252	

### BN7\_MUM\_ATTENDSCHOOL: N7. Has the mother ever attended school?

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1016   Invalid: 39   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		789	77.7%
1		227	22.3%
Sysmiss		39	

### B3\_MUM\_EDULEVEL: B3. What is the highest level of education that the mother has completed?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 227    Invalid: 828    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		4	1.8%
1		120	52.9%
2		15	6.6%
3		53	23.3%
4		12	5.3%
5		14	6.2%
6		3	1.3%
9		6	2.6%
Sysmiss		828	

### MATLIT: Maternal literacy

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1010    Invalid: 45    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		835	82.7%
1		175	17.3%
Sysmiss		45	

### B6\_DAD\_AGE: B6. What is the father's age?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 731    Invalid: 324    Minimum: 19    Maximum: 90  
 Type: Continuous    Decimal: 0    Width: 2    Range: 19 - 90    Format: Numeric

### BN8\_DAD\_ATTENDSCHOOL: N8. Has the father ever attended school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1008    Invalid: 47    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		774	76.8%
1		234	23.2%
Sysmiss		47	

### B7\_DAD\_EDULEVEL: B7. What is the highest level of education that the father has completed?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 234    Invalid: 821    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3	1.3%
1		119	50.9%
2		10	4.3%
3		31	13.2%
4		5	2.1%
5		24	10.3%
6		12	5.1%
9		30	12.8%
Sysmiss		821	

**B8\_DAD\_READ: B8. Can the father read?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1004   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		655	65.2%
1		349	34.8%
Sysmiss		51	

**B8A\_DADREAD\_LANG: B8(A). Which languages?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:  
 Type: Discrete   Width: 6   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		707	67%
1		136	12.9%
1 2		7	0.7%
1 2 4		6	0.6%
1 4		40	3.8%
1 4 77		1	0.1%
1 77		2	0.2%
2		16	1.5%
2 4		1	0.1%
2 4 77		1	0.1%
3		1	0.1%
4		108	10.2%
77		29	2.7%



### B8A\_DADREAD\_LANG\_OTHER: Description of other languages father can read (if not Bambara, Shenara or Mamar)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid:  
Type: Discrete Width: 11 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1022	96.9%
Anglais		1	0.1%
Arabe		28	2.7%
Coran		2	0.2%
Medersa		1	0.1%
Ne sais pas		1	0.1%

### MAINLANG: Main language spoken in the home (can be used as indicator of ethnicity)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021 Invalid: 34 Minimum: 1 Maximum: 7  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		355	34.8%
2		508	49.8%
3		52	5.1%
7		106	10.4%
Sysmiss		34	

### B10\_HOMELANG\_MAIN\_OTHER: Description of main language spoken in home (if not Bambara, Shenara or Mamara)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 8    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		951	90.1%
.bomou		1	0.1%
Arabe		1	0.1%
Bobo		8	0.8%
Bobo fin		2	0.2%
Bobofin		1	0.1%
Bomou		16	1.5%
Bore		13	1.2%
Boré		13	1.2%
Boua		3	0.3%
Dioula		1	0.1%
Dogon		1	0.1%
Dogono		1	0.1%
Gana		8	0.8%
Kado		1	0.1%
Peule		1	0.1%
Peulh		5	0.5%
Samogo		26	2.5%
Samogp,		1	0.1%
Sampgo		1	0.1%

## B11\_HOMELANG\_ADD: B11. What other languages are spoken at home?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 6    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

		36	3.4%
1		621	58.9%
1 2		228	21.6%
1 2 3		2	0.2%
1 2 4		3	0.3%
1 2 77		1	0.1%
1 3		28	2.7%
1 4		5	0.5%
1 4 77		1	0.1%
1 77		34	3.2%
2		67	6.4%
2 4		2	0.2%
2 77		1	0.1%
3		7	0.7%
3 77		1	0.1%
4		5	0.5%
77		13	1.2%

### **B11\_HOMELANG\_ADD\_OTHER: Description of additional language(s) spoken in home (if not Bambara, Shenara or**

**Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

#### **Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 14    Range: -    Format: character

#### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
		1004	95.2%
Arabe		2	0.2%
Arabe Français		1	0.1%
Bobo		8	0.8%
Bomou		7	0.7%
Bore		3	0.3%
Dioula		3	0.3%
Gana		7	0.7%
Guana		3	0.3%
Langue samogo		2	0.2%

Peulh		3	0.3%
Samogo		11	1%
Soniké		1	0.1%

## B12\_CHILD\_FRENCH: B12. Does your child recognize or speak any words in French?

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		725	71%
1		294	28.8%
9		2	0.2%
Sysmiss		34	

## B11\_MUM\_TOTALCHILDREN: I1. How many children does the mother have at present? (including this child)

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1021   Invalid: 34   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		60	5.9%
2		189	18.5%
3		181	17.7%
4		188	18.4%
5		161	15.8%
6		117	11.5%
7		52	5.1%
8		38	3.7%

9		19	1.9%
10		8	0.8%
11		4	0.4%
99		4	0.4%
Sysmiss		34	

## **B9\_DAD\_TOTALCHILDREN: B9. How many children does the father have, in total (include children of co-wiv**

**Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

### **Overview**

Valid: 1003    Invalid: 52    Minimum: 1    Maximum: 31  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 31    Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
1		30	3%
2		103	10.3%
3		110	11%
4		127	12.7%
5		124	12.4%
6		93	9.3%
7		85	8.5%
8		66	6.6%
9		59	5.9%
10		59	5.9%
11		34	3.4%
12		23	2.3%
13		31	3.1%
14		16	1.6%
15		17	1.7%
16		7	0.7%
17		5	0.5%
18		5	0.5%
19		3	0.3%
20		2	0.2%
26		1	0.1%
28		1	0.1%

30		1	0.1%
31		1	0.1%
Sysmiss		52	

## BI2\_TOTALWANT: I2. How many children, in total, would you like to have?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 690    Invalid: 365    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		5	0.7%
2		15	2.2%
3		9	1.3%
4		34	4.9%
5		86	12.5%
6		105	15.2%
7		69	10%
8		95	13.8%
9		33	4.8%
10		73	10.6%
11		4	0.6%
12		7	1%
13		4	0.6%
14		1	0.1%
15		6	0.9%
16		1	0.1%
18		1	0.1%
20		5	0.7%
99		137	19.9%
Sysmiss		365	

## BI4\_TOTALWANT\_CONTRACEP: I4. If there was a method of contraception available at no cost, how many childr

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 688    Invalid: 367    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		19	2.8%
2		39	5.7%
3		33	4.8%
4		38	5.5%
5		85	12.4%
6		100	14.5%
7		59	8.6%
8		76	11%
9		28	4.1%
10		47	6.8%
11		2	0.3%
12		4	0.6%
13		3	0.4%
15		3	0.4%
16		1	0.1%
18		1	0.1%
20		1	0.1%
30		1	0.1%
99		148	21.5%
Sysmiss		367	

## BI8\_CHILDREN\_SCHOOL: I8. Do you have any children already in school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021    Invalid: 34    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		375	36.7%
1		642	62.9%
9		4	0.4%
Sysmiss		34	

## BI9\_CHILDREN\_SCHOOL\_TOTAL: I9. How many children already in school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 642    Invalid: 413    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		266	41.4%
2		167	26%
3		92	14.3%
4		58	9%
5		25	3.9%
6		14	2.2%
7		4	0.6%
8		6	0.9%
9		2	0.3%
10		1	0.2%
14		1	0.2%
16		1	0.2%
20		1	0.2%
99		4	0.6%
Sysmiss		413	

## BI10\_CHILDREN\_SCHOOL\_TYPE: I10. Are they in primary or secondary school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 3    Range: -    Format: character



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		414	39.2%
1		556	52.7%
1 2		71	6.7%
2		14	1.3%

**BI11\_PAY\_PRIM\_SCH: I11. How much do you pay in total each year to educate one child at primary scho**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055 Invalid:

Type: Continuous Width: 25 Range: - Format: character

**BI12\_PAY\_SECOND\_SCH: I12. How much do you pay in total each year to educate one child at secondary sc**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055 Invalid:

Type: Discrete Width: 11 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		971	92%
1000		1	0.1%
10000		5	0.5%
100000		2	0.2%
15000		5	0.5%
18000		1	0.1%
20000		7	0.7%
21000		1	0.1%
25000		5	0.5%
3000		1	0.1%
30000		3	0.3%

3500		1	0.1%
35000		3	0.3%
4000		1	0.1%
40000		1	0.1%
45000		1	0.1%
50000		5	0.5%
55000		1	0.1%
600000		1	0.1%
75000		1	0.1%
9000		1	0.1%
9500		1	0.1%
99		16	1.5%
999		12	1.1%
9999		2	0.2%
Ne sais pas		5	0.5%
Ne sait pas		1	0.1%

### BI13\_EDUCATE\_CHILD: I13. Would you like to educate this child when they reach the age to begin prima

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		22	2.2%
1		948	92.9%
9		51	5%
Sysmiss		34	

### BI14\_EDUCATE\_WILLPAY: I14. How much are you willing to pay each year for the education of this child?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:

Type: Continuous    Width: 22    Range: -    Format: character

### BI15\_EDUCATE\_NEED: I15. How much money would you need each year to be able to educate this child?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
Type: Discrete    Width: 75    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1035	98.1%
10000		2	0.2%
14000000		1	0.1%
2000		1	0.1%
25000		1	0.1%
5000		2	0.2%
99		4	0.4%
999		1	0.1%
9999		2	0.2%
C'est le père qui décidé		1	0.1%
Il ne veut pas		1	0.1%
Ladji restera à la maison pour s'occuper des travaux domestiques(l'élevage)		1	0.1%
Ne sais pas		1	0.1%
Ne sais pas.		1	0.1%
Pas dis tous interecer		1	0.1%

### B13\_COMPLETE\_PRIM: B13. Do you expect that your child will complete primary school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1020    Invalid: 35    Minimum: 0    Maximum: 9  
Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		11	1.1%
1		957	93.8%
9		52	5.1%
Sysmiss		35	

### B14\_COMPLETE\_SEC: B14. Do you expect your child will complete secondary school?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021    Invalid: 34    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		10	1%
1		957	93.7%
9		54	5.3%
Sysmiss		34	

### C1A\_STORYBOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 966    Invalid: 89    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		651	67.4%
1		315	32.6%
Sysmiss		89	

### C1B\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 982   Invalid: 73   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		533	54.3%
1		449	45.7%
Sysmiss		73	

**C1C\_NEWMAGS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 975   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		848	87%
1		127	13%
Sysmiss		80	

**C1D\_BROCHURES: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 973   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		778	80%

1		195	20%
Sysmiss		82	

### C1E\_RELIGIOUS\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 988    Invalid: 67    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		587	59.4%
1		401	40.6%
Sysmiss		67	

### C1F\_COLOURING\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 986    Invalid: 69    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		802	81.3%
1		184	18.7%
Sysmiss		69	

### C1G\_COMICS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 984    Invalid: 71    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		786	79.9%
1		198	20.1%
Sysmiss		71	

**C1H\_BOOKS\_OTHER: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		957	99.5%
1		5	0.5%
Sysmiss		93	

**C1H\_BOOKS\_OTHERDESC: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 14    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1050	99.5%
Cahier		3	0.3%
Livre de conte		1	0.1%

Livres d'école		1	0.1%
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### **C2A\_TOYS\_HANDBMADE: C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		174	17.1%
1		845	82.9%
Sysmiss		36	

### **C2C\_TOYS\_BOUGHT: C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1006   Invalid: 49   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		428	42.5%
1		578	57.5%
Sysmiss		49	

### **C2D\_HOUSEHOLD\_OBJECTS: C2. Does s/he play with: Household objects, such as bowls or pots?**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1017   Invalid: 38   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		127	12.5%
1		890	87.5%
Sysmiss		38	

**C2E\_OUTSIDE\_OBJECTS: C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo**

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		74	7.3%
1		946	92.7%
Sysmiss		35	

**C2F\_DRAWING\_WRITING: C2. Does s/he play with: Materials for drawing or materials for writing?**

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1002   Invalid: 53   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		723	72.2%
1		279	27.8%
Sysmiss		53	

**C2G\_PUZZLES: C2. Does s/he play with: Puzzles/brain teasers?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 951    Invalid: 104    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		927	97.5%
1		24	2.5%
Sysmiss		104	

**C2H\_GAMES\_COLOURSHAPE: C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 992    Invalid: 63    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		918	92.5%
1		74	7.5%
Sysmiss		63	

**C2I\_GAMES\_LETTERS: C2. Does s/he play with: Toys that teach about letters (such as alphabet games,****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1001    Invalid: 54    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		922	92.1%
1		79	7.9%
Sysmiss		54	

## C2J\_TOYS\_OTHER: C2. Does s/he play with: Others (specify)?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		968	94.8%
1		14	1.4%
9		39	3.8%
Sysmiss		34	

## C2J\_TOYS\_OTHERDESC: C2. Does s/he play with: Description of other types of toys

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 17   Range: -   Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1041	98.7%
.Boîte de cosre		1	0.1%
Ballon		3	0.3%
Boîte de conserve		6	0.6%
Boîte vide		2	0.2%
Boîte vide,ballon		1	0.1%
Boîtes vides		1	0.1%

### C3A\_READ\_BOOKS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 983    Invalid: 72    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		654	66.5%
1		329	33.5%
Sysmiss		72	

### C3A\_READ\_BOOKS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		726	68.8%
1		23	2.2%
1 2		5	0.5%
1 2 6 7		1	0.1%
1 2 7		1	0.1%
1 6		2	0.2%
1 6 7		1	0.1%
1 7		2	0.2%
2		17	1.6%
2 6		4	0.4%
2 7		6	0.6%
4		5	0.5%

4 7		1	0.1%
5		6	0.6%
5 7		2	0.2%
6		56	5.3%
6 7		25	2.4%
7		172	16.3%

### C3B\_TOLD\_STORIES: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 999    Invalid: 56    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		435	43.5%
1		564	56.5%
Sysmiss		56	

### C3B\_TOLD\_STORIES\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		491	46.5%
1		88	8.3%
1 2		33	3.1%
1 2 4		12	1.1%
1 2 4 5		9	0.9%
1 2 5		1	0.1%

1 2 6		1	0.1%
1 2 6 7		2	0.2%
1 2 7		1	0.1%
1 4		8	0.8%
1 4 5		3	0.3%
1 4 6		1	0.1%
1 4 6 7		1	0.1%
1 4 7		1	0.1%
1 5		1	0.1%
1 6		13	1.2%
1 6 7		1	0.1%
1 7		15	1.4%
2		42	4%
2 5		1	0.1%
4		67	6.4%
4 5		36	3.4%
4 5 6		1	0.1%
4 5 6 7		1	0.1%
4 6		4	0.4%
4 6 7		3	0.3%
4 7		4	0.4%
5		30	2.8%
5 6		1	0.1%
6		49	4.6%
6 7		24	2.3%
7		110	10.4%

### C3C\_SONGS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1007   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		257	25.5%

1		750	74.5%
Sysmiss		48	

### C3C\_SONGS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		305	28.9%
1		153	14.5%
1 2		38	3.6%
1 2 4		11	1%
1 2 4 5		10	0.9%
1 2 5		2	0.2%
1 2 6		2	0.2%
1 2 7		6	0.6%
1 4		45	4.3%
1 4 5		2	0.2%
1 4 6		2	0.2%
1 4 6 7		6	0.6%
1 4 7		8	0.8%
1 5		4	0.4%
1 5 6		1	0.1%
1 5 6 7		1	0.1%
1 6		8	0.8%
1 6 7		21	2%
1 7		47	4.5%
2		16	1.5%
2 4		2	0.2%
2 5		1	0.1%
2 7		2	0.2%
4		64	6.1%
4 5		5	0.5%

4 5 7		1	0.1%
4 6		2	0.2%
4 6 7		4	0.4%
4 7		11	1%
5		14	1.3%
5 6 7		1	0.1%
6		48	4.5%
6 7		24	2.3%
7		188	17.8%

### C3D\_OUTSIDE\_HOME: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1015    Invalid: 40    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		236	23.3%
1		779	76.7%
Sysmiss		40	

### C3D\_OUTSIDE\_HOME\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 9    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		276	26.2%
1		239	22.7%
1 2		62	5.9%



1 2 4		15	1.4%
1 2 4 5		8	0.8%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 7		2	0.2%
1 2 5		3	0.3%
1 2 5 6		1	0.1%
1 2 5 7		2	0.2%
1 2 6		1	0.1%
1 2 6 7		4	0.4%
1 2 7		27	2.6%
1 4		7	0.7%
1 4 5		1	0.1%
1 4 5 7		1	0.1%
1 4 6		2	0.2%
1 4 6 7		2	0.2%
1 4 7		11	1%
1 5		2	0.2%
1 5 6 7		2	0.2%
1 6		14	1.3%
1 6 7		23	2.2%
1 7		96	9.1%
2		21	2%
2 4		5	0.5%
2 5 7		3	0.3%
2 6		2	0.2%
2 6 7		3	0.3%
2 7		4	0.4%
4		27	2.6%
4 6		1	0.1%
4 6 7		4	0.4%
4 7		4	0.4%
5		3	0.3%
6		23	2.2%
6 7		18	1.7%
7		134	12.7%

**C3E\_PLAYED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1017   Invalid: 38   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	4.9%
1		967	95.1%
Sysmiss		38	

**C3E\_PLAYED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055   Invalid:  
 Type: Continuous   Width: 11   Range: -   Format: character

**C3F\_NAMED\_OBJECTS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 999   Invalid: 56   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		377	37.7%
1		622	62.3%
Sysmiss		56	

**C3F\_NAMED\_OBJECTS\_WHO: C3. In the past 7 days, did you, or another adult in the family or**

**a schoolchild****Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055    Invalid:

Type: Discrete    Width: 11    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		433	41%
1		123	11.7%
1 2		62	5.9%
1 2 4		13	1.2%
1 2 4 5		10	0.9%
1 2 4 5 6 7		4	0.4%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		2	0.2%
1 2 4 7		4	0.4%
1 2 5		4	0.4%
1 2 6		8	0.8%
1 2 6 7		9	0.9%
1 2 7		24	2.3%
1 4		10	0.9%
1 4 5		4	0.4%
1 4 5 6		1	0.1%
1 4 6		1	0.1%
1 4 6 7		2	0.2%
1 4 7		3	0.3%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 6		8	0.8%
1 6 7		12	1.1%
1 7		29	2.7%
2		51	4.8%
2 4		1	0.1%
2 4 6		1	0.1%
2 5		1	0.1%
2 5 7		1	0.1%

2 6		4	0.4%
2 6 7		1	0.1%
2 7		6	0.6%
4		16	1.5%
4 5		2	0.2%
4 6		1	0.1%
4 6 7		3	0.3%
4 7		2	0.2%
5		6	0.6%
5 6		1	0.1%
5 7		1	0.1%
6		44	4.2%
6 7		22	2.1%
7		121	11.5%

### C3G\_DRAWING: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 998    Invalid: 57    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		682	68.3%
1		316	31.7%
Sysmiss		57	

### C3G\_DRAWING\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
		739	70%
1		34	3.2%
1 2		6	0.6%
1 2 4		1	0.1%
1 2 4 5		1	0.1%
1 2 5		1	0.1%
1 2 6		1	0.1%
1 2 7		3	0.3%
1 4		2	0.2%
1 6		1	0.1%
1 7		5	0.5%
2		20	1.9%
2 5 7		1	0.1%
2 7		7	0.7%
4		5	0.5%
4 7		1	0.1%
5		1	0.1%
6		37	3.5%
6 7		22	2.1%
7		167	15.8%

**C3H\_TEACH\_NEW: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1001   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		508	50.7%
1		493	49.3%
Sysmiss		54	

**C3H\_TEACH\_NEW\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		562	53.3%
1		70	6.6%
1 2		62	5.9%
1 2 4		13	1.2%
1 2 4 5		10	0.9%
1 2 4 5 6 7		1	0.1%
1 2 4 6		2	0.2%
1 2 4 6 7		3	0.3%
1 2 4 7		1	0.1%
1 2 5		1	0.1%
1 2 6		8	0.8%
1 2 6 7		13	1.2%
1 2 7		5	0.5%
1 4		4	0.4%
1 4 5		3	0.3%
1 4 5 7		1	0.1%
1 4 6		2	0.2%
1 4 6 7		4	0.4%
1 4 7		4	0.4%
1 5		1	0.1%
1 5 7		1	0.1%
1 6		8	0.8%
1 6 7		8	0.8%
1 7		14	1.3%
2		49	4.6%
2 4		2	0.2%
2 4 5		2	0.2%
2 4 6		2	0.2%
2 4 6 7		1	0.1%

2 5		1	0.1%
2 5 6 7		1	0.1%
2 6		3	0.3%
2 6 7		1	0.1%
2 7		9	0.9%
4		9	0.9%
4 6 7		4	0.4%
5		4	0.4%
6		68	6.4%
6 7		19	1.8%
7		79	7.5%

### C3I\_ALPHABET: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1001   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		701	70%
1		300	30%
Sysmiss		54	

### C3I\_ALPHABET\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 5   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		755	71.6%

1		33	3.1%
1 2		12	1.1%
1 4		1	0.1%
1 6		3	0.3%
1 7		5	0.5%
2		28	2.7%
2 4 7		1	0.1%
2 6		2	0.2%
2 6 7		1	0.1%
2 7		6	0.6%
4		7	0.7%
4 5		3	0.3%
4 6		1	0.1%
5		3	0.3%
5 6		1	0.1%
6		62	5.9%
6 7		16	1.5%
7		115	10.9%

### C3J\_NUMBERS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1005   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		522	51.9%
1		483	48.1%
Sysmiss		50	

### C3J\_NUMBERS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1055 Invalid:

Type: Discrete Width: 7 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		573	54.3%
1		66	6.3%
1 2		45	4.3%
1 2 4		9	0.9%
1 2 4 5		8	0.8%
1 2 6 7		1	0.1%
1 2 7		10	0.9%
1 4		4	0.4%
1 4 5 7		1	0.1%
1 4 6 7		1	0.1%
1 4 7		4	0.4%
1 6		6	0.6%
1 6 7		5	0.5%
1 7		25	2.4%
2		35	3.3%
2 4		2	0.2%
2 5		1	0.1%
2 5 6		1	0.1%
2 6 7		1	0.1%
2 7		7	0.7%
4		13	1.2%
4 5		2	0.2%
4 5 7		3	0.3%
4 6 7		3	0.3%
4 7		4	0.4%
5		7	0.7%
5 7		1	0.1%
6		58	5.5%
6 7		25	2.4%
7		134	12.7%

**C3K\_HUGGED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1012   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		61	6%
1		951	94%
Sysmiss		43	

**C3K\_HUGGED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		104	9.9%
1		231	21.9%
1 2		171	16.2%
1 2 4		41	3.9%
1 2 4 5		25	2.4%
1 2 4 5 6		3	0.3%
1 2 4 5 6 7		7	0.7%
1 2 4 5 7		7	0.7%
1 2 4 6		5	0.5%
1 2 4 6 7		1	0.1%
1 2 4 7		4	0.4%
1 2 5		7	0.7%
1 2 5 6 7		1	0.1%
1 2 5 7		2	0.2%

1 2 6		14	1.3%
1 2 6 7		22	2.1%
1 2 7		25	2.4%
1 4		40	3.8%
1 4 5		16	1.5%
1 4 5 6		1	0.1%
1 4 6		4	0.4%
1 4 6 7		6	0.6%
1 4 7		9	0.9%
1 5		5	0.5%
1 5 7		1	0.1%
1 6		16	1.5%
1 6 7		10	0.9%
1 7		22	2.1%
2		34	3.2%
2 4		5	0.5%
2 4 5		2	0.2%
2 4 5 6 7		1	0.1%
2 4 7		1	0.1%
2 5		6	0.6%
2 6		2	0.2%
2 7		2	0.2%
4		54	5.1%
4 5		7	0.7%
4 5 6		1	0.1%
4 5 6 7		1	0.1%
4 5 7		1	0.1%
4 6		3	0.3%
4 6 7		2	0.2%
4 7		5	0.5%
5		7	0.7%
5 6		3	0.3%
6		34	3.2%
6 7		9	0.9%
7		75	7.1%

**C3L\_SPANKED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**  
**Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1016   Invalid: 39   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		86	8.5%
1		930	91.5%
Sysmiss		39	

**C3L\_SPANKED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		125	11.8%
1		225	21.3%
1 2		224	21.2%
1 2 4		35	3.3%
1 2 4 5		9	0.9%
1 2 4 5 6		3	0.3%
1 2 4 5 6 7		13	1.2%
1 2 4 5 7		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		2	0.2%
1 2 5		5	0.5%
1 2 6		38	3.6%
1 2 6 7		18	1.7%
1 2 7		25	2.4%
1 4		14	1.3%
1 4 5		6	0.6%
1 4 6		4	0.4%

1 4 6 7		1	0.1%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 5 7		1	0.1%
1 6		27	2.6%
1 6 7		8	0.8%
1 7		13	1.2%
2		139	13.2%
2 4		5	0.5%
2 4 5		1	0.1%
2 4 6		1	0.1%
2 5		3	0.3%
2 6		9	0.9%
2 6 7		4	0.4%
2 7		3	0.3%
4		14	1.3%
4 5		5	0.5%
4 5 6		1	0.1%
4 5 6 7		1	0.1%
4 6		4	0.4%
5		5	0.5%
5 7		1	0.1%
6		38	3.6%
6 7		6	0.6%
7		15	1.4%

### C3M\_HIT: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1010   Invalid: 45   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		190	18.8%
1		820	81.2%

Sysmiss		45	
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### C3M\_HIT\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055 Invalid:

Type: Discrete Width: 11 Range: - Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		236	22.4%
1		154	14.6%
1 2		202	19.1%
1 2 4		29	2.7%
1 2 4 5		7	0.7%
1 2 4 5 6		3	0.3%
1 2 4 5 6 7		8	0.8%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		2	0.2%
1 2 5		9	0.9%
1 2 5 6		1	0.1%
1 2 5 6 7		2	0.2%
1 2 6		29	2.7%
1 2 6 7		24	2.3%
1 2 7		45	4.3%
1 4		5	0.5%
1 4 6		1	0.1%
1 4 6 7		1	0.1%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 6		21	2%
1 6 7		10	0.9%
1 7		9	0.9%
2		154	14.6%

2 4		3	0.3%
2 4 7		1	0.1%
2 5		2	0.2%
2 6		11	1%
2 6 7		2	0.2%
2 7		7	0.7%
4		11	1%
4 5		2	0.2%
4 6		1	0.1%
4 7		1	0.1%
5		2	0.2%
5 7		1	0.1%
6		28	2.7%
6 7		9	0.9%
7		17	1.6%

### C3N\_SHOUTED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1012   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		172	17%
1		840	83%
Sysmiss		43	

### C3N\_SHOUTED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		215	20.4%
1		229	21.7%
1 2		205	19.4%
1 2 4		31	2.9%
1 2 4 5		7	0.7%
1 2 4 5 6		4	0.4%
1 2 4 5 6 7		10	0.9%
1 2 4 5 7		1	0.1%
1 2 4 6		1	0.1%
1 2 4 6 7		4	0.4%
1 2 4 7		1	0.1%
1 2 5		3	0.3%
1 2 5 6		2	0.2%
1 2 6		33	3.1%
1 2 6 7		24	2.3%
1 2 7		26	2.5%
1 4		12	1.1%
1 4 5		1	0.1%
1 4 6		1	0.1%
1 4 6 7		2	0.2%
1 4 7		1	0.1%
1 5		3	0.3%
1 5 6		1	0.1%
1 5 6 7		1	0.1%
1 6		15	1.4%
1 6 7		11	1%
1 7		12	1.1%
2		111	10.5%
2 4		2	0.2%
2 4 5		1	0.1%
2 5		1	0.1%
2 5 6		1	0.1%
2 6		9	0.9%
2 6 7		3	0.3%
2 7		1	0.1%



4		14	1.3%
4 5		3	0.3%
4 6		3	0.3%
4 6 7		1	0.1%
5		2	0.2%
5 6		1	0.1%
5 6 7		1	0.1%
5 7		1	0.1%
6		26	2.5%
6 7		9	0.9%
7		9	0.9%

### HHREAD\_SCORE: Number of different types of reading materials reported in home

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 899    Invalid: 156    Minimum: 0    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		302	33.6%
1		178	19.8%
2		126	14%
3		110	12.2%
4		73	8.1%
5		48	5.3%
6		34	3.8%
7		28	3.1%
Sysmiss		156	

### HHTOYS\_SCORE: Number of different types of play items reported in home

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 919    Invalid: 136    Minimum: 0    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		16	1.7%
1		29	3.2%
2		111	12.1%
3		256	27.9%
4		306	33.3%
5		134	14.6%
6		37	4%
7		21	2.3%
8		9	1%
Sysmiss		136	

**HHTOTEDU\_SCORE: Total number of educational objects in home (reading materials and play items)**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 840    Invalid: 215    Minimum: 0    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		14	1.7%
1		21	2.5%
2		53	6.3%
3		116	13.8%
4		156	18.6%
5		121	14.4%
6		86	10.2%
7		96	11.4%
8		52	6.2%
9		40	4.8%
10		25	3%
11		26	3.1%
12		10	1.2%

13		11	1.3%
14		8	1%
15		5	0.6%
Sysmiss		215	

### STIMULATION\_SCORE: Number of different types of adult-child interactions/activities reported in las

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 928    Invalid: 127    Minimum: 0    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 11    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		5	0.5%
1		30	3.2%
2		37	4%
3		66	7.1%
4		93	10%
5		114	12.3%
6		117	12.6%
7		91	9.8%
8		101	10.9%
9		85	9.2%
10		100	10.8%
11		89	9.6%
Sysmiss		127	

### SCOLD\_SCORE: Number of different types of disciplinary actions reported in last seven days

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1004    Invalid: 51    Minimum: 0    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 3    Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		63	6.3%
1		37	3.7%
2		180	17.9%
3		724	72.1%
Sysmiss		51	

**ECCDENROL: Child enrolled in ECD program**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1017    Invalid: 38    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		670	65.9%
1		347	34.1%
Sysmiss		38	

**D2\_ECD\_NOT\_ENROL\_WHY: D2. Why is your child not enrolled at preschool?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		387	36.7%
0		319	30.2%
0 1		1	0.1%
0 1 2		1	0.1%
0 2		3	0.3%
0 4		3	0.3%

0 9		1	0.1%
1		15	1.4%
2		97	9.2%
2 4		1	0.1%
3		5	0.5%
4		21	2%
5		3	0.3%
6		25	2.4%
8		68	6.4%
9		105	10%

## **D2\_ECD\_NOT\_ENROL\_WHY\_OTHER: Description of any additional reasons given by parents for not enrolling child i**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1055    Invalid:  
 Type: Continuous    Width: 185    Range: -    Format: character

## **D4\_ECD\_HOW\_LONG: D4. How long has your child been in this preschool/program?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 346    Invalid: 709    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		127	36.7%
1		157	45.4%
2		49	14.2%
9		13	3.8%
Sysmiss		709	

## **D6\_ECD\_DAYS: D6. In the last week, how many days did he/she go to ECCD?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 345    Invalid: 710    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		288	83.5%
2		43	12.5%
3		4	1.2%
4		10	2.9%
Sysmiss		710	

## E1\_ROOF: E1. What kind of roof does your house have?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021    Invalid: 34    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		21	2.1%
2		43	4.2%
3		942	92.3%
4		10	1%
8		3	0.3%
9		2	0.2%
Sysmiss		34	

## E1\_ROOF\_OTHER: Description of other types of roofing materials

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 16    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1052	99.7%
Béton		1	0.1%
Toiture en dalle		1	0.1%
Tôle métallique		1	0.1%

## E2\_WALLS: E2. What kind of walls does your house have?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1021   Invalid: 34   Minimum: 1   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		247	24.2%
2		693	67.9%
3		10	1%
5		1	0.1%
6		50	4.9%
8		8	0.8%
9		12	1.2%
Sysmiss		34	

## E2\_WALLS\_OTHER: Description of other types of wall materials

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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		1047	99.2%
Pas de mûr		1	0.1%
Pas de murs		7	0.7%

### E3\_FLOOR: E3. What kind of floor does your house have?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021   Invalid: 34   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		620	60.7%
2		398	39%
3		3	0.3%
Sysmiss		34	

### E3\_FLOOR\_OTHER: Description of other types of flooring

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		886	84%
.		169	16%

### E4\_LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021   Invalid: 34   Minimum: 1   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.1%
2		22	2.2%
3		5	0.5%
4		18	1.8%
5		820	80.3%
6		6	0.6%
7		108	10.6%
8		41	4%
Sysmiss		34	

### E4\_LIGHT\_OTHER: Description of other types of lighting

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 31    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1014	96.1%
Batterie		37	3.5%
Batterie puis ampoules chinoise		1	0.1%
Ciquinè		1	0.1%
Groupe elèctrogène		1	0.1%
Yélé Coura		1	0.1%

### RADIO: Does anyone in your household own the following... Radio?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021    Invalid: 34    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		195	19.1%
1		826	80.9%
Sysmiss		34	

## TV: Does anyone in your household own the following... Television?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1018   Invalid: 37   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		417	41%
1		601	59%
Sysmiss		37	

## MOPED: Does anyone in your household own the following... Moped or motorbike?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		123	12.1%
1		896	87.9%
Sysmiss		36	

**CAR: Does anyone in your household own the following... Motor vehicle (tractor, car, lor****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		844	82.7%
1		177	17.3%
Sysmiss		34	

**PHONE: Does anyone in your household own the following... Mobile phone?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		28	2.7%
1		992	97.3%
Sysmiss		35	

**SOLAR: Does anyone in your household own the following... Solar panel?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		164	16.1%

1		856	83.9%
Sysmiss		35	

### **COW: Does anyone in your household own the following... Cows (any number)**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		191	18.7%
1		828	81.3%
Sysmiss		36	

### **GOAT: Does anyone in your household own the following... Goats and/or sheep (any number)**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		146	14.3%
1		874	85.7%
Sysmiss		35	

### **HORSE: Does anyone in your household own the following... Horse?**

**Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		195	19.1%
1		825	80.9%
Sysmiss		35	

### **CART: Does anyone in your household own the following... Horse-drawn Cart?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		158	15.5%
1		862	84.5%
Sysmiss		35	

### **E6\_LIVELIHOOD: E6. What is the household's main source of livelihood?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1019   Invalid: 36   Minimum: 1   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		952	93.4%
2		4	0.4%
3		17	1.7%
4		15	1.5%
5		21	2.1%
8		10	1%

Sysmiss		36	
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## E6\_LIVELIHOOD\_OTHER: Description of other source of income

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055 Invalid:  
Type: Discrete Width: 20 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1045	99.1%
Couture		1	0.1%
Diplôme sans emploi		1	0.1%
Elevage		1	0.1%
L'élevage		1	0.1%
Locateur		1	0.1%
Mansonnerie		1	0.1%
Marabout		1	0.1%
Menuiserie		1	0.1%
Or		1	0.1%
Photographe		1	0.1%

## E7\_MUM\_PAIDWORK: E7. During the past 7 days, did the mother of the child do any kind of paid work

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1020 Invalid: 35 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		891	87.4%
1		113	11.1%
9		16	1.6%

Sysmiss		35	
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### E8\_DAD\_PAIDWORK: E8. During the past 7 days, did the father of the child do any kind of paid work?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1020   Invalid: 35   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		831	81.5%
1		167	16.4%
9		22	2.2%
Sysmiss		35	

### EMPLOY: Main source of revenue for family

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		952	93.4%
1		67	6.6%
Sysmiss		36	

### ROOF: Type of building materials used in construction of roof of family home

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		64	6.3%
1		955	93.7%
Sysmiss		36	

## WALLS: Type of building materials used in construction of walls of family home

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1009   Invalid: 46   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		949	94.1%
1		60	5.9%
Sysmiss		46	

## FLOOR: Type of building materials used for floor of family home

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		620	60.7%
1		401	39.3%
Sysmiss		34	



**LIGHT: Type of lighting used in home****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1021   Invalid: 34   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		195	19.1%
1		826	80.9%
Sysmiss		34	

**WEALTHINDEX: PCA score using data on household assets, house structure and paid work****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1001   Invalid: 54   Minimum: 0   Maximum: 3.34487533569336  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 3.34487533569336   Format: Numeric

**WEALTH5CAT: Overall wealth index divided into five quintiles****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1001   Invalid: 54   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		184	18.4%
1		187	18.7%
2		178	17.8%
3		75	7.5%
4		377	37.7%
Sysmiss		54	

## WEALTH2CAT: Binary grouping to identify the poorest households (two lowest quintiles vs rest)

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1001   Invalid: 54   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		371	37.1%
1		630	62.9%
Sysmiss		54	

## ASSETSINDEX: PCA score using data on household assets only

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1014   Invalid: 41   Minimum: 0   Maximum: 2.72523880004883  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 2.72523880004883   Format: Numeric

## ASSETS5CAT: Household assets index divided into five quintiles

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1014   Invalid: 41   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		190	18.7%
1		194	19.1%
2		186	18.3%
3		23	2.3%
4		421	41.5%
Sysmiss		41	

**MEALSDAY: Number of meals/snacks eaten per day****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1020   Invalid: 35   Minimum: 1   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		4	0.4%
2		32	3.1%
3		277	27.2%
4		361	35.4%
5		346	33.9%
Sysmiss		35	

**GRAINS: Did your child eat any of the following foods yesterday... Grains: millet, sorghum****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1012   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		1011	99.9%
Sysmiss		43	

**ROOTS: Did your child eat any of the following foods yesterday... Roots: cassava, potato,****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1005   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		739	73.5%
1		266	26.5%
Sysmiss		50	

### BEANSNUTS: Did your child eat any of the following foods yesterday... Beans and nuts (arachid

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1004   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		380	37.8%
1		624	62.2%
Sysmiss		51	

### OTHEREVEG: Did your child eat any of the following foods yesterday... Other vegetables?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 788   Invalid: 267   Minimum: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 -   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		788	100%
Sysmiss		267	

**FRUIT: Did your child eat any of the following foods yesterday... Fruit?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1014   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		44	4.3%
1		970	95.7%
Sysmiss		41	

**MEATFISH: Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1012   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		331	32.7%
1		681	67.3%
Sysmiss		43	

**MILK: Did your child eat any of the following foods yesterday... Milk?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1010   Invalid: 45   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		664	65.7%

1		346	34.3%
Sysmiss		45	

### EGGS: Did your child eat any of the following foods yesterday... Eggs?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1007   Invalid: 48   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		814	80.8%
1		193	19.2%
Sysmiss		48	

### PALMOIL: Did your child eat any of the following foods yesterday... Palm oil?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1009   Invalid: 46   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		890	88.2%
1		119	11.8%
Sysmiss		46	

### OTHEROIL: Did your child eat any of the following foods yesterday... Other oils and fats?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1010   Invalid: 45   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		68	6.7%
1		942	93.3%
Sysmiss		45	

### **LIMITDIET: Dietary diversity limited by lack of resources**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1004   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		622	62%
1		382	38%
Sysmiss		51	

### **HUNGRY: Amount of food limited by lack of resources**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1015   Invalid: 40   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		943	92.9%
1		72	7.1%
Sysmiss		40	

**FG3\_WASH\_HANDS1: G3. When do you usually wash your hands? Are there any other times?****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1019   Invalid: 36   Minimum: 1   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		335	32.9%
2		8	0.8%
3		29	2.8%
4		1	0.1%
5		5	0.5%
6		633	62.1%
8		1	0.1%
9		7	0.7%
Sysmiss		36	

**FG3\_WASH\_HANDS2: G3. When do you usually wash your hands? Are there any other times?****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 868   Invalid: 187   Minimum: 2   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		393	45.3%
3		70	8.1%
4		38	4.4%
5		92	10.6%
6		270	31.1%
8		3	0.3%
9		2	0.2%
Sysmiss		187	



**FG3\_WASH\_HANDS3: G3. When do you usually wash your hands? Are there any other times?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 509    Invalid: 546    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		158	31%
4		66	13%
5		210	41.3%
6		62	12.2%
8		11	2.2%
9		2	0.4%
Sysmiss		546	

**FG3\_WASH\_HANDS4: G3. When do you usually wash your hands? Are there any other times?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 244    Invalid: 811    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		47	19.3%
4		46	18.9%
5		145	59.4%
8		6	2.5%
Sysmiss		811	

**FG3\_WASH\_HANDS5: G3. When do you usually wash your hands? Are there any other times?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 81   Invalid: 974   Minimum: 4   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		28	34.6%
5		52	64.2%
8		1	1.2%
Sysmiss		974	

## FG3\_WASH\_HANDS6: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 22   Invalid: 1033   Minimum: 5   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 5 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		20	90.9%
8		2	9.1%
Sysmiss		1033	

## FG3\_WASH\_HANDS\_OTHER: Description of other times hands are washed

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 42   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1028	97.4%
Apeès le champs		1	0.1%

Après chaque travail		1	0.1%
Après de jouer		1	0.1%
Après le travail		1	0.1%
Après les champs		1	0.1%
Après les sorties en ville		2	0.2%
Après les travaux		1	0.1%
Après les travaux au jardin, les ablutions		1	0.1%
Après les travaux aux champs		2	0.2%
Après les travaux champêtre		1	0.1%
Après toute sorte de travail		1	0.1%
Après toute sorte de travaux		1	0.1%
Après un travail		1	0.1%
Au moment des prieres		1	0.1%
Au réveil		1	0.1%
Au réveil et au soir		1	0.1%
Au réveil le matin		1	0.1%
Chaque ablutions		1	0.1%
Pdt les prieres		1	0.1%
Pdt les priere		1	0.1%
Pdt les prieres		3	0.3%
Transporter du fumier dans le jardin		1	0.1%
Travaux du champ		1	0.1%

## ATTENDINFO: Parent attended at least one information session for parents

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 962   Invalid: 93   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		601	62.5%
1		361	37.5%
Sysmiss		93	

## FN12A\_LEARN4: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 361    Invalid: 694    Minimum: 1    Maximum: 10  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 10    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		297	82.3%
2		9	2.5%
3		11	3%
4		16	4.4%
5		4	1.1%
6		1	0.3%
7		1	0.3%
8		2	0.6%
9		19	5.3%
10		1	0.3%
Sysmiss		694	

## FN12A\_LEARN5: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 319    Invalid: 736    Minimum: 2    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 11    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		51	16%
3		83	26%
4		123	38.6%
5		28	8.8%
6		9	2.8%
7		2	0.6%

8		5	1.6%
9		5	1.6%
10		10	3.1%
11		3	0.9%
Sysmiss		736	

### FN12A\_LEARN6: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 267    Invalid: 788    Minimum: 3    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		39	14.6%
4		51	19.1%
5		59	22.1%
6		48	18%
7		10	3.7%
8		17	6.4%
9		2	0.7%
10		33	12.4%
11		8	3%
Sysmiss		788	

### FN12A\_LEARN7: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 42    Invalid: 1013    Minimum: 4    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 4 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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4		15	35.7%
5		6	14.3%
6		3	7.1%
7		1	2.4%
10		11	26.2%
11		6	14.3%
Sysmiss		1013	

### FN12A\_LEARN8: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 9    Invalid: 1046    Minimum: 5    Maximum: 10  
 Type: Discrete    Decimal: 0    Width: 2    Range: 5 - 10    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
5		2	22.2%
6		5	55.6%
7		1	11.1%
10		1	11.1%
Sysmiss		1046	

### FN12A\_LEARN9: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 3    Invalid: 1052    Minimum: 6    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 6 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
6		1	33.3%
7		1	33.3%
11		1	33.3%

Sysmiss		1052	
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### FN12A\_LEARN10: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1    Invalid: 1054    Minimum: 11    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
11		1	100%
Sysmiss		1054	

### FN12A\_LEARN11: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid:    Invalid: 1055    Maximum: \*  
 Type: Discrete    Decimal: 0    Width: 1    Range: - \*    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
Sysmiss	

### FN12A\_LEARN3\_OTHER: Description of other things learnt in sessions

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 52    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1031	97.7%
Allaitement exclusif de l'enfant jusqu'à 6mois		1	0.1%
Alphabétisation des enfants		1	0.1%
Bien éduquer l'enfant		1	0.1%
Comment allaiter un enfant		1	0.1%
Consultation prénale et l'aletement maternelle		1	0.1%
Habiller proprement les enfants de corps et d habits		1	0.1%
Habits propre		1	0.1%
L'allaitement maternel		1	0.1%
L'éducation des enfants		1	0.1%
L allaitement maternelle,planification familiale		1	0.1%
L éducation		2	0.2%
L importance du lait maternel		1	0.1%
L importance du lait maternele		1	0.1%
La scolarisation des enfants		1	0.1%
La vaccination des enfants		1	0.1%
Lutte contre l'excision		1	0.1%
Méthode de contraception		1	0.1%
Ne pas donner de l'eau a l enfant		1	0.1%
Ne rien. donner à l enfant avant 6mois		1	0.1%
Planification		1	0.1%
Scolarisation des enfants		2	0.2%
Tous ce qu'il a retenir		1	0.1%

### FN13\_LEARN\_SAME\_VILL: N13. Have you ever shared or discussed what you learnt with anyone else living i

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		677	66.4%
1		282	27.7%
9		60	5.9%



Sysmiss		36	
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### FN14\_LEARN\_DIFF\_VILL: N14. Have you ever shared or discussed what you learnt with anyone else in livin

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1018   Invalid: 37   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		812	79.8%
1		143	14%
9		63	6.2%
Sysmiss		37	

### FG5\_MNP\_2016: G5. Have you ever added these sachets to your child's food?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 965   Invalid: 90   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		471	48.8%
1		494	51.2%
Sysmiss		90	

### FG6\_MNP\_2016\_FREQ: G6. On how many days in the last 7 days, were these sachets added to your child'

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 2   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		561	53.2%
0		6	0.6%
1		375	35.5%
1a		33	3.1%
2		46	4.4%
3		8	0.8%
9		26	2.5%

**FG7\_NO\_MNP\_REASONS1: G7. The days when the sachet was not added to your child's food, what were the r**

**Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 492    Invalid: 563    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		305	62%
1		5	1%
2		8	1.6%
3		9	1.8%
4		85	17.3%
5		35	7.1%
6		3	0.6%
8		5	1%
9		27	5.5%
10		1	0.2%
13		9	1.8%
Sysmiss		563	

**FG7\_NO\_MNP\_REASONS2: G7. The days when the sachet was not added to your child's food,**

## what were the r

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 27 Invalid: 1028 Minimum: 1 Maximum: 11  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 11 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		14	51.9%
4		3	11.1%
5		7	25.9%
6		1	3.7%
9		1	3.7%
11		1	3.7%
Sysmiss		1028	

## FG7\_NO\_MNP\_REASONS3: G7. The days when the sachet was not added to your child's food, what were the r

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 12 Invalid: 1043 Minimum: 2 Maximum: 4  
Type: Discrete Decimal: 0 Width: 1 Range: 2 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		11	91.7%
4		1	8.3%
Sysmiss		1043	

## FG7\_NO\_MNP\_REASONS4: G7. The days when the sachet was not added to your child's food, what were the r

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: Invalid: 1055 Maximum: \*  
Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category
Sysmiss	

## FG7\_NO\_MNP\_REASONS\_OTHER: Description of other reason for not using MNPs

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055 Invalid:  
Type: Discrete Width: 19 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1050	99.5%
Difficile à donner		1	0.1%
Manque de MNP		1	0.1%
Manque des aliments		1	0.1%
Oublié		1	0.1%
Oublier		1	0.1%

## FN15\_MNP\_CHILD\_LIKE: N15. Does your child like to eat the food with the sachet added?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 492 Invalid: 563 Minimum: 0 Maximum: 9  
Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		20	4.1%
1		460	93.5%
9		12	2.4%
Sysmiss		563	

**FG8\_MNP\_FOODTYPE1: G8. To what kind of food/type of meals do you add the MNPs to?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 494    Invalid: 561    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		460	93.1%
2		3	0.6%
3		4	0.8%
4		1	0.2%
8		9	1.8%
9		17	3.4%
Sysmiss		561	

**FG8\_MNP\_FOODTYPE2: G8. To what kind of food/type of meals do you add the MNPs to?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 155    Invalid: 900    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2		15	9.7%
3		45	29%
4		35	22.6%
5		6	3.9%
8		54	34.8%
Sysmiss		900	

**FG8\_MNP\_FOODTYPE3: G8. To what kind of food/type of meals do you add the MNPs to?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 20   Invalid: 1035   Minimum: 3   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
3		3	15%
4		5	25%
8		11	55%
9		1	5%
Sysmiss		1035	

### FG8\_MNP\_FOODTYPE4: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 2   Invalid: 1053   Minimum: 4   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		1	50%
8		1	50%
Sysmiss		1053	

### FG8\_MNP\_FOODTYPE\_OTHER: Description of other foods MNPs were added to

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1055   Invalid:  
 Type: Discrete   Width: 34   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		980	92.9%

Aliment liquide pomme de terre	1	0.1%
Aliments liquide	2	0.2%
Atieke	1	0.1%
Banan	1	0.1%
Bouillon	2	0.2%
Cafe	5	0.5%
Café	12	1.1%
Café sauce	1	0.1%
Café, riz, pomme de terre, haricot	1	0.1%
Haricot	2	0.2%
Harocot	1	0.1%
Lait	1	0.1%
Patate	1	0.1%
Pomme de t erre	1	0.1%
Pomme de terre	2	0.2%
Pomme de Terre	1	0.1%
Pomme de terre et banane	1	0.1%
Pomme de terre patate	1	0.1%
Pomme de terre patate courge	1	0.1%
Pomme de terre riz	2	0.2%
Pomme de terre. Riz	1	0.1%
Pomme terre	1	0.1%
Riz	12	1.1%
Riz , café	1	0.1%
Riz pomme de terre	1	0.1%
Riz,spaghettis	1	0.1%
Sauce	12	1.1%
Sauce du riz	1	0.1%
Sauce et café	2	0.2%
Soupe	3	0.3%

## FG10\_NOMNP\_FOODTYPE1: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 493    Invalid: 562    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		216	43.8%
2		75	15.2%
3		70	14.2%
4		7	1.4%
8		13	2.6%
9		112	22.7%
Sysmiss		562	

### FG10\_NOMNP\_FOODTYPE2: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 167   Invalid: 888   Minimum: 2   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		46	27.5%
3		99	59.3%
4		7	4.2%
8		15	9%
Sysmiss		888	

### FG10\_NOMNP\_FOODTYPE3: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 16   Invalid: 1039   Minimum: 3   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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3		14	87.5%
4		2	12.5%
Sysmiss		1039	

### FG10\_NOMNP\_FOODTYPE4: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1    Invalid: 1054    Minimum: 8    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 8 - 8    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
8		1	100%
Sysmiss		1054	

### FG10\_NOMNP\_FOODTYPE\_OTHER: Description of other foods that should not be used to give MNPs

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 26    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1026	97.3%
Aliments couche		1	0.1%
Beignets d'haricot		1	0.1%
Cafe		1	0.1%
Café		13	1.2%
Lait		1	0.1%
Riz		7	0.7%
Riz gras les aliments secs		1	0.1%
Sauce		2	0.2%
Sauce gombo		1	0.1%

Soupe		1	0.1%
-------	--	---	------

### FG11\_MNP\_DIFFICULT: G11. On the whole, do you think that giving your child the MNPs was difficult to

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 490    Invalid: 565    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		452	92.2%
2		11	2.2%
3		6	1.2%
4		21	4.3%
Sysmiss		565	

### FG12\_MNP\_CHILD\_CHANGED: G12. Have you noticed any changes in your child since you began giving him/her M

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 493    Invalid: 562    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		19	3.9%
1		449	91.1%
9		25	5.1%
Sysmiss		562	

### FG12A\_MNP\_CHANGES1: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 448    Invalid: 607    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		21	4.7%
1		217	48.4%
2		136	30.4%
3		7	1.6%
4		26	5.8%
5		3	0.7%
8		3	0.7%
9		2	0.4%
10		4	0.9%
11		16	3.6%
12		8	1.8%
13		5	1.1%
Sysmiss		607	

**FG12A\_MNP\_CHANGES2: 12(A). What changes have you noticed?**

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 255    Invalid: 800    Minimum: 1    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 13    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		5	2%
2		151	59.2%
3		17	6.7%
4		64	25.1%
5		8	3.1%
8		2	0.8%
11		3	1.2%

12		4	1.6%
13		1	0.4%
Sysmiss		800	

### FG12A\_MNP\_CHANGES3: 12(A). What changes have you noticed?

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 101    Invalid: 954    Minimum: 2    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 12    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		6	5.9%
3		32	31.7%
4		52	51.5%
5		7	6.9%
8		1	1%
9		1	1%
12		2	2%
Sysmiss		954	

### FG12A\_MNP\_CHANGES4: 12(A). What changes have you noticed?

Data file: dataset\_cogsraparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 29    Invalid: 1026    Minimum: 3    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 13    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		1	3.4%
4		25	86.2%
5		2	6.9%
13		1	3.4%
Sysmiss		1026	

**FG12A\_MNP\_CHANGES5: 12(A). What changes have you noticed?****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 2    Invalid: 1053    Minimum: 4    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		1	50%
5		1	50%
Sysmiss		1053	

**FG12A\_MNP\_CHANGES\_OTHER: Description of other changes seen in child****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 23    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1049	99.4%
Aucun changement		1	0.1%
Bollonnement abdominale		1	0.1%
Changement de teint		3	0.3%
Je n es rien remarque		1	0.1%

**FG13B\_MNP\_TREATMENT: 13(B). Did you need to take the child for medical treatment at CSCom or elsewhere****Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 53    Invalid: 1002    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		15	28.3%
1		37	69.8%
9		1	1.9%
Sysmiss		1002	

**FG14\_MNP\_AGAIN: G14. Do you want to give your child MNPs again, when the distribution starts aga**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 493    Invalid: 562    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		4	0.8%
1		486	98.6%
9		3	0.6%
Sysmiss		562	

**MNPADD: Did child ever receive MNPs?**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 965    Invalid: 90    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		471	48.8%
1		494	51.2%
Sysmiss		90	

**MNP\_DAYS: How many times per week did child receive MNPs****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 933    Invalid: 122    Minimum: 0    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 7    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		471	50.5%
1		8	0.9%
2		46	4.9%
4		33	3.5%
7		375	40.2%
Sysmiss		122	

**GF5\_NET\_USE: F5. Does your child sleep usually under a bed net?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1019    Invalid: 36    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		43	4.2%
1		973	95.5%
9		3	0.3%
Sysmiss		36	

**GF6\_NET\_LASTNIGHT: F6. Did your child sleep under a bed net last night?****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 970    Invalid: 85    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		32	3.3%
1		927	95.6%
9		11	1.1%
Sysmiss		85	

### SMC: Child received SMC (seasonal malaria chemoprevention) during last rainy season

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 983    Invalid: 72    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		69	7%
1		914	93%
Sysmiss		72	

### GF8A\_SMC\_2015\_FREQ: F8(A). How many times did the child receive the tablets?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 914    Invalid: 141    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1	0.1%
1		146	16%
2		449	49.1%
3		223	24.4%
8		40	4.4%



9		55	6%
Sysmiss		141	

## GF8A\_SMC\_2015\_FREQ\_OTHER: Description of other frequency of SMC

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1055    Invalid:  
Type: Discrete    Width: 6    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1015	96.2%
1/an		9	0.9%
2/an		8	0.8%
3		1	0.1%
3/an		8	0.8%
4 fois		3	0.3%
4 mois		1	0.1%
4/an		2	0.2%
4fois		6	0.6%
5/an		1	0.1%
5fois		1	0.1%

## GN16\_SMC\_EFFECTCHILD: N16. Do you think the tablets have a good effect or a bad effect on your child's

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1019    Invalid: 36    Minimum: 0    Maximum: 9  
Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		922	90.5%
1		6	0.6%

2		14	1.4%
9		77	7.6%
Sysmiss		36	

### GN16A\_SMC\_BAD\_EFFECT: N16(A). What bad effects have you noticed?

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
Type: Discrete    Width: 55    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1035	98.1%
Diarrhée		2	0.2%
Enfant a quelquefois eu la diarrhée		1	0.1%
Fièvre		1	0.1%
L'enfant a vomit lorsqu'il a pris le comprimé		1	0.1%
L'enfant devient malade après la prise de ces comprimés		1	0.1%
L enfant a vomissait		1	0.1%
L enfant est tombé malade fièvre diarrhée vomissement		1	0.1%
Malaise		1	0.1%
Paiudisme		1	0.1%
Palu		1	0.1%
Vomissement		3	0.3%
Vomissements		5	0.5%
Vomissements fièvre		1	0.1%

### GF14\_SMC\_AGAIN: F14. Do you want your child to receive the tablets when the malaria treatment st

Data file: dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1018    Invalid: 37    Minimum: 0    Maximum: 9  
Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
0		7	0.7%
1		998	98%
9		13	1.3%
Sysmiss		37	

**ITN\_LASTNIGHT: Use of mosquito net**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1016   Invalid: 39   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		89	8.8%
1		927	91.2%
Sysmiss		39	

**HF3\_SICK\_2WKS: F3. Has your child been sick at any time in the last two weeks?**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1018   Invalid: 37   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		854	83.9%
1		157	15.4%
9		7	0.7%
Sysmiss		37	

**HF3A\_SICK\_DESCRIBE: 3(A). Describe your child's illness(es)****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055 Invalid:

Type: Discrete Width: 5 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		899	85.2%
1		47	4.5%
1 2		7	0.7%
1 2 3		1	0.1%
1 2 4		1	0.1%
1 3		3	0.3%
1 4		1	0.1%
2		29	2.7%
2 3		5	0.5%
2 3 4		1	0.1%
2 4 6		2	0.2%
2 4 7		1	0.1%
2 7		1	0.1%
2 8		3	0.3%
2 9		1	0.1%
3		25	2.4%
3 8		1	0.1%
5		3	0.3%
6		3	0.3%
6 8		1	0.1%
7		7	0.7%
8		11	1%
9		2	0.2%

**HF3A\_SICK\_DESCRIBE\_OTHER: Description of other illness that child experienced****Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1055 Invalid:

Type: Discrete Width: 24 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1039	98.5%
Accès pernicieux		1	0.1%
Blessure		1	0.1%
Dermatose		1	0.1%
Éruption cutanée.		1	0.1%
Grippe		1	0.1%
Infection Bucco-dentaire		1	0.1%
Mal aux yeux		1	0.1%
Otalgies		1	0.1%
Problème optique		3	0.3%
Rhume		2	0.2%
Rhym		1	0.1%
Varicelle		2	0.2%

**HH1\_PLAY: H1. In the last 7 days, how often has your child been well enough to play with o**

**Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		33	3.2%
1		43	4.2%
2		121	11.9%
3		820	80.5%
9		2	0.2%
Sysmiss		36	

**HH2\_SLEEP: H2. In the last 7 days, how well has your child been sleeping?**

**Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		2	0.2%
1		22	2.2%
2		117	11.5%
3		876	86%
9		2	0.2%
Sysmiss		36	

### HH3\_ACTIVE: H3. In the last 7 days, how often has your child been active/energetic?

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1019   Invalid: 36   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		5	0.5%
1		39	3.8%
2		156	15.3%
3		817	80.2%
9		2	0.2%
Sysmiss		36	

### HAD\_PARENT\_2016: Derived variable which confirms that a parent interview was completed in 2016

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1023   Invalid: 32   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1023	100%
Sysmiss		32	

**AT\_LEAST\_ONE\_SURVEY2014:** Derived variable which confirms that child was included in one or more of the cr

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 852    Invalid: 203    Minimum: 1    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		852	100%
Sysmiss		203	

**DATESURVEY\_BIOMED:** Survey date

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 966    Invalid: 89  
 Type: Discrete    Width: 10    Range: -    Format: date

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2016-07-22		18	1.7%
2016-07-23		55	5.2%
2016-07-24		75	7.1%
2016-07-25		86	8.2%
2016-07-26		93	8.8%
2016-07-27		49	4.6%
2016-07-28		74	7%

2016-07-29		82	7.8%
2016-07-30		104	9.9%
2016-07-31		91	8.6%
2016-08-01		100	9.5%
2016-08-02		85	8.1%
2016-08-03		54	5.1%
		89	8.4%

### AGESURVEY\_BIOMED: Age in years on date of survey 2016

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 939 Invalid: 116 Minimum: 2.89801502227783 Maximum: 4.35044479370117  
 Type: Continuous Decimal: 2 Width: 4 Range: 2.89801502227783 - 4.35044479370117 Format: Numeric

### AGEDAYS\_BIOMED: Age in days on date of survey 2016

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 939 Invalid: 116 Minimum: 1058.5 Maximum: 1589  
 Type: Continuous Decimal: 0 Width: 16 Range: 1058.5 - 1589 Format: Numeric

### HAEMOGLOBIN: Haemoglobin concentration in g/dL

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 966 Invalid: 89 Minimum: 3.2 Maximum: 14.8  
 Type: Continuous Decimal: 0 Width: 4 Range: 3.2 - 14.8 Format: Numeric

### FERRITIN: Serum ferritin measurement

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 943 Invalid: 112 Minimum: 1.38 Maximum: 928.51  
 Type: Continuous Decimal: 2 Width: 6 Range: 1.38 - 928.51 Format: Numeric

### LOGFERRITIN: Natural log of serum ferritin measurement

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 943 Invalid: 112 Minimum: 0.322083503007889 Maximum: 6.83358097076416  
 Type: Continuous Decimal: 2 Width: 4 Range: 0.322083503007889 - 6.83358097076416 Format: Numeric

### ANAEMIA: Anaemia, defined as child with Hb <11.0 g/dL

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 966 Invalid: 89 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		393	40.7%
1		573	59.3%
Sysmiss		89	

### MODSEVEREANAEMIA: Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 966 Invalid: 89 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		683	70.7%
1		283	29.3%
Sysmiss		89	

### SEVEREANAEMIA: Severe anaemia, defined as Hb <8.0 g/dL

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 966 Invalid: 89 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		908	94%
1		58	6%
Sysmiss		89	

### **MALARIA: Infected with malaria parasites (any species)**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		696	72.3%
1		266	27.7%
Sysmiss		93	

### **MALARIARESULT: Malaria parasitology**

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		93	8.8%
Negatif		696	66%
Positif		266	25.2%

**SPECIES: Malaria parasite species****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	None	696	72.3%
1	P. falciparum	259	26.9%
2	P. malariae	4	0.4%
3	P. ovale	1	0.1%
4	P. falciparum + P. malariae	2	0.2%
5	P. falciparum + P. ovale	0	0%
Sysmiss		93	

**MALARIASPECIES: Espece****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1055    Invalid:  
 Type: Discrete    Width: 25    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		789	74.8%
P. falciparum		259	24.5%
P. falciparum+P. malariae		2	0.2%
P. malariae		4	0.4%
P. ovale		1	0.1%

**DENSITY: Malaria parasite density (trophozoite count)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 328196.434097455

Type: Continuous    Decimal: 2    Width: 9    Range: 0 - 328196.434097455    Format: Numeric

## GAMETOCYTES: Malaria gametocyte count

Data file: dataset\_cogsrarentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 293  
 Type: Discrete    Decimal: 0    Width: 4    Range: 0 - 293    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		854	88.8%
0.5		5	0.5%
1		18	1.9%
1.5		9	0.9%
2		8	0.8%
2.5		2	0.2%
3		8	0.8%
3.5		6	0.6%
4		8	0.8%
4.5		2	0.2%
5		7	0.7%
6		4	0.4%
6.5		3	0.3%
7		1	0.1%
7.5		1	0.1%
8		2	0.2%
9		3	0.3%
10.5		1	0.1%
11		1	0.1%
12		1	0.1%
13		2	0.2%
14		1	0.1%
14.5		1	0.1%
16		1	0.1%
17		1	0.1%
17.5		1	0.1%
21.5		1	0.1%

25		1	0.1%
28		2	0.2%
38		1	0.1%
45		1	0.1%
58		1	0.1%
62		1	0.1%
80.5		1	0.1%
171		1	0.1%
293		1	0.1%
Sysmiss		93	

### LOGDENSITY: Natural log of malaria parasite density

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 219 Invalid: 836 Minimum: 2.7656614780426 Maximum: 12.7013673782349  
 Type: Continuous Decimal: 2 Width: 5 Range: 2.7656614780426 - 12.7013673782349 Format: Numeric

### LOGGAMETO: Natural log of malaria gametocyte count

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 108 Invalid: 947 Minimum: -0.6931471824646 Maximum: 5.68017244338989  
 Type: Discrete Decimal: 2 Width: 17 Range: -0.6931471824646 - 5.68017244338989 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-0.6931471824646		5	4.6%
0		18	16.7%
0.405465096235275		9	8.3%
0.6931471824646		8	7.4%
0.916290760040283		2	1.9%
1.0986123085022		8	7.4%
1.25276291370392		6	5.6%
1.3862943649292		8	7.4%
1.50407743453979		2	1.9%
1.60943794250488		7	6.5%
1.7917594909668		4	3.7%

1.8718022108078		3	2.8%
1.94591009616852		1	0.9%
2.01490306854248		1	0.9%
2.0794415473938		2	1.9%
2.19722461700439		3	2.8%
2.35137534141541		1	0.9%
2.39789533615112		1	0.9%
2.4849066734314		1	0.9%
2.56494927406311		2	1.9%
2.63905739784241		1	0.9%
2.67414855957031		1	0.9%
2.7725887298584		1	0.9%
2.83321332931519		1	0.9%
2.86220097541809		1	0.9%
3.06805300712585		1	0.9%
3.21887588500977		1	0.9%
3.33220458030701		2	1.9%
3.63758611679077		1	0.9%
3.80666255950928		1	0.9%
4.06044292449951		1	0.9%
4.12713432312012		1	0.9%
4.38825702667236		1	0.9%
5.14166355133057		1	0.9%
5.68017244338989		1	0.9%
Sysmiss		947	

## GAMETO2CAT: Presence/absence of gametocytes in blood

Data file: dataset\_cogsrarentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 962    Invalid: 93    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		854	88.8%
1		108	11.2%

Sysmiss		93	
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## STUNTED: Children with a height-for-age Z-score more than 2 standard deviations (SD) below

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 934    Invalid: 121    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		708	75.8%
1		226	24.2%
Sysmiss		121	

## UNDERWEIGHT: Children with a weight-for-age Z-score more than 2 SD below the mean

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 934    Invalid: 121    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		802	85.9%
1		132	14.1%
Sysmiss		121	

## ACUTEMALNUTRITION: Children with a BMI-for-age Z-score more than 2 SD below the mean

Data file: dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 934    Invalid: 121    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		892	95.5%
1		42	4.5%
Sysmiss		121	

**LOWWEIGHTHEIGHT: Children with a weight-for-height Z-score more than 2 SD below the mean (measure**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 933    Invalid: 122    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		885	94.9%
1		48	5.1%
Sysmiss		122	

**WEIGHT: Weight of child in kg (average of two measurements)**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 965    Invalid: 90    Minimum: 9    Maximum: 30.2000007629395  
 Type: Continuous    Decimal: 0    Width: 17    Range: 9 - 30.2000007629395    Format: Numeric

**HEIGHT: Height of child in cm (average of two measurements)**

**Data file:** dataset\_cograparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 965    Invalid: 90    Minimum: 78    Maximum: 142  
 Type: Continuous    Decimal: 0    Width: 17    Range: 78 - 142    Format: Numeric



**BMI: Body mass index****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 965    Invalid: 90    Minimum: 11.0158617087916    Maximum: 20.4737675085425  
 Type: Continuous    Decimal: 0    Width: 16    Range: 11.0158617087916 - 20.4737675085425    Format: Numeric

---

**WEIGHT1: Weight of child in kg (first measurement)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 965    Invalid: 90    Minimum: 9    Maximum: 30.2  
 Type: Continuous    Decimal: 0    Width: 4    Range: 9 - 30.2    Format: Numeric

---

**WEIGHT2: Weight of child in kg (second measurement)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 965    Invalid: 90    Minimum: 9    Maximum: 30.2  
 Type: Continuous    Decimal: 0    Width: 7    Range: 9 - 30.2    Format: Numeric

---

**HEIGHT1: Height of child in cm (first measurement)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 965    Invalid: 90    Minimum: 78    Maximum: 142  
 Type: Continuous    Decimal: 0    Width: 5    Range: 78 - 142    Format: Numeric

---

**HEIGHT2: Height of child in cm (second measurement)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 965    Invalid: 90    Minimum: 78    Maximum: 142  
 Type: Continuous    Decimal: 0    Width: 5    Range: 78 - 142    Format: Numeric

---

**MUAC: Mid upper arm circumference (MUAC) in cm****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 962    Invalid: 93    Minimum: 10.9    Maximum: 20.2  
 Type: Continuous    Decimal: 0    Width: 4    Range: 10.9 - 20.2    Format: Numeric

---

**ZWEIGHTAGE: Weight-for-age Z-score (WAZ)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 934    Invalid: 121    Minimum: -4.03    Maximum: 4.86  
 Type: Continuous    Decimal: 0    Width: 5    Range: -4.03 - 4.86    Format: Numeric

**ZHEIGHTAGE: Height-for-age Z-score (HAZ)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 934    Invalid: 121    Minimum: -5.43    Maximum: 8.98  
 Type: Continuous    Decimal: 0    Width: 5    Range: -5.43 - 8.98    Format: Numeric

**ZBMIAGE: BMI-for-age Z-score (BAZ)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 934    Invalid: 121    Minimum: -4.18    Maximum: 3.32  
 Type: Continuous    Decimal: 0    Width: 5    Range: -4.18 - 3.32    Format: Numeric

**ZWEIGHTHEIGHT: Weight-for-height Z-score (WHZ) (for 3y cohort only)****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 933    Invalid: 122    Minimum: -4    Maximum: 2.98  
 Type: Continuous    Decimal: 0    Width: 5    Range: -4 - 2.98    Format: Numeric

**AGEMONS\_BIOMED: Calculated age in months for deriving z scores****Data file:** dataset\_cogsrparentbiomed\_age3\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid:    Invalid: 1055    Maximum: \*  
 Type: Discrete    Decimal: 0    Width: 1    Range: - \*    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	



**START\_COG: Date and time cognitive assessment started****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Continuous    Width: 21    Range: -    Format: character

**COG2016\_DATE: Date of cognitive assessment in string format****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Discrete    Width: 10    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.2%
2016-06-24		75	6.8%
2016-06-25		68	6.1%
2016-06-26		72	6.5%
2016-06-27		75	6.8%
2016-06-28		73	6.6%
2016-06-29		55	5%
2016-06-30		60	5.4%
2016-07-01		58	5.2%
2016-07-02		43	3.9%
2016-07-03		62	5.6%
2016-07-06		1	0.1%
2016-07-07		62	5.6%
2016-07-08		59	5.3%
2016-07-09		58	5.2%
2016-07-10		45	4.1%
2016-07-11		64	5.8%
2016-07-12		43	3.9%
2016-07-13		53	4.8%
2016-07-14		51	4.6%
2016-07-15		9	0.8%
2016-07-16		12	1.1%
2016-07-17		6	0.5%

**COG2016\_DATESURVEY: Date of cognitive assessment****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:

Type: Discrete    Width: 10    Range: -    Format: date

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2016-06-21		2	0.2%
2016-06-24		75	6.8%
2016-06-25		68	6.1%
2016-06-26		72	6.5%
2016-06-27		75	6.8%
2016-06-28		73	6.6%
2016-06-29		55	5%
2016-06-30		60	5.4%
2016-07-01		58	5.2%
2016-07-02		43	3.9%
2016-07-03		62	5.6%
2016-07-06		1	0.1%
2016-07-07		62	5.6%
2016-07-08		59	5.3%
2016-07-09		58	5.2%
2016-07-10		45	4.1%
2016-07-11		64	5.8%
2016-07-12		43	3.9%
2016-07-13		53	4.8%
2016-07-14		51	4.6%
2016-07-15		9	0.8%
2016-07-16		12	1.1%
2016-07-17		6	0.5%

**INTERVIEWER\_ID\_COG: Unique identifier of cognitive assessor****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid:

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
e700		10	0.9%
e702		15	1.4%
e703		16	1.4%
e704		13	1.2%
e705		17	1.5%
e706		26	2.4%
e707		16	1.4%
e710		52	4.7%
e716		42	3.8%
e718		1	0.1%
e725		4	0.4%
e730		7	0.6%
e731		52	4.7%
e732		13	1.2%
e733		53	4.8%
e734		41	3.7%
e735		73	6.6%
e736		55	5%
e737		49	4.4%
e738		49	4.4%
e739		51	4.6%
e740		54	4.9%
e741		73	6.6%
e742		46	4.2%
e743		33	3%
e744		52	4.7%
e745		44	4%
e746		51	4.6%
e747		50	4.5%
e748		48	4.3%

**CHILDIDSIEF: Unique identifier of child****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Continuous    Width: 7    Range: -    Format: character

**VILLAGENAME: Village name****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Continuous    Width: 21    Range: -    Format: character

**CERCLENAME: District name****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Sikasso		993	89.8%
Yorosso		113	10.2%

**COMMUNENAME: Sub district name****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Discrete    Width: 21    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Danderesso		77	7%
Diomatene		20	1.8%
Doumanaba		67	6.1%

Farakala		72	6.5%
Finkolo		54	4.9%
Gongasso		61	5.5%
Kaboila		111	10%
Kafouziela		17	1.5%
Kapala		52	4.7%
Kapolondougou		75	6.8%
Klela		55	5%
Kolokoba		61	5.5%
Koumbia		12	1.1%
Kouoro		16	1.4%
Koury		54	4.9%
Mahou		10	0.9%
Menaba		19	1.7%
Menamba 1		18	1.6%
Missirikoro		20	1.8%
Natien		55	5%
Niena		81	7.3%
Pimperna		58	5.2%
Sokourani-Missirikoro		20	1.8%
Zanferebougou		21	1.9%

### VILLAGEUBSID: Village code

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid: Minimum: 1011 Maximum: 2241  
 Type: Continuous Decimal: 0 Width: 4 Range: 1011 - 2241 Format: Numeric

### CERCLEID: Unique identifier of district

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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1		993	89.8%
2		113	10.2%

## COMMUNEID: communeid

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid: Minimum: 1 Maximum: 24  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 24 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		54	4.9%
2		52	4.7%
3		75	6.8%
4		21	1.9%
5		61	5.5%
6		67	6.1%
7		55	5%
8		72	6.5%
9		61	5.5%
10		20	1.8%
11		20	1.8%
12		111	10%
13		58	5.2%
14		55	5%
15		17	1.5%
16		16	1.4%
17		81	7.3%
18		77	7%
19		20	1.8%
21		12	1.1%
22		54	4.9%
23		37	3.3%
24		10	0.9%

**COMMUNEUBSID: Sub district code****Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1106   Invalid:   Minimum: 101   Maximum: 224  
 Type: Discrete   Decimal: 0   Width: 3   Range: 101 - 224   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
101		54	4.9%
102		52	4.7%
103		75	6.8%
104		21	1.9%
105		61	5.5%
106		67	6.1%
107		55	5%
108		72	6.5%
109		61	5.5%
110		20	1.8%
111		20	1.8%
112		111	10%
113		58	5.2%
114		55	5%
115		17	1.5%
116		16	1.4%
117		81	7.3%
118		77	7%
119		20	1.8%
221		12	1.1%
222		54	4.9%
223		37	3.3%
224		10	0.9%

**ECDVILLAGE: Villages with an ECD pre-school program****Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta****Overview**

Valid: 1106   Invalid:   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	non-ECD	0	0%
1	ECD village	1106	100%

### TRIALARM: Classifies 60 villages according to intervention received - use for statistical

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	non-ECD	0	0%
1	ECD control	560	50.6%
2	MNP intervention	546	49.4%

### ARMBLIND: Ignore - for analysis use variable trialarm

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
R		560	50.6%
Z		546	49.4%

### AGEGROUP\_COG: Age group of child in 2016

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid: Minimum: 5 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 5 - 5 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		1106	100%

## AGE\_COGTEST\_MONTHS: Age in months at time of cognitive assessment in 2016

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid: Minimum: 25 Maximum: 91.9232864379883  
 Type: Continuous Decimal: 0 Width: 16 Range: 25 - 91.9232864379883 Format: Numeric

## SEX\_COG: Sex of child

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1102 Invalid: 4 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		522	47.4%
2		580	52.6%
Sysmiss		4	

## LANG\_CHILD\_ALL: Language spoken by the child (mother tongue)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid: Minimum: 1 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 9 Format: Numeric

## Questions and instructions

## CATEGORIES

Value	Category	Cases	
1	Bambara	532	48.1%
2	Shenara	523	47.3%
3	Mamara	28	2.5%
4	French	0	0%
5	Bobo	0	0%
6	Bomu	19	1.7%
7	Peulh	2	0.2%
8	Samogo	1	0.1%
9	Sarakole	1	0.1%
10	Dogono	0	0%

### LANG\_ASSESS\_ALL: Language that was used to speak to the child during the cognitive assessment

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1105   Invalid: 1   Minimum: 1   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 10   Format: Numeric

#### Questions and instructions

## CATEGORIES

Value	Category	Cases	
1	Bambara	591	53.5%
2	Shenara	485	43.9%
3	Mamara	21	1.9%
4	French	0	0%
5	Bobo	0	0%
6	Bomu	7	0.6%
7	Peulh	0	0%
8	Samogo	0	0%
9	Sarakole	0	0%
10	Dogono	1	0.1%
Sysmiss		1	

### LANGASSESS\_MATCH: Variable created to indicate if cognitive assessment was conducted in

**child's mo****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	same	1042	94.2%
1	different	64	5.8%

**N2\_CHILD\_RES\_VILL: Records if child was still resident in village in 2016 or not****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106   Invalid:   Minimum: 1   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1106	100%

**COGBATTERY\_AGE: Age related to specific battery of cognitive tests used to assess child****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106   Invalid:   Minimum: 3   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 3 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
3		7	0.6%
5		1099	99.4%

**TAMTAM\_SCORE: Ice-breaker exercise****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1104   Invalid: 2   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		25	2.3%
1		326	29.5%
2		753	68.2%
Sysmiss		2	

**SAUTER\_SCORE: Child could hop (at least one hop)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1068   Invalid: 38   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		37	3.5%
1		1031	96.5%
Sysmiss		38	

**SAUTER\_NOMBRE: Number of times that child was able to hop on one foot (without putting the othe****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1068   Invalid: 38   Minimum: 0   Maximum: 18  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 18   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		36	3.4%
1		7	0.7%
2		23	2.2%
3		43	4%
4		18	1.7%
5		56	5.2%
6		62	5.8%
7		55	5.1%
8		76	7.1%
9		80	7.5%
10		610	57.1%
12		1	0.1%
18		1	0.1%
Sysmiss		38	

**BALANCE1\_NOMBRE: The number of seconds a child was able to balance standing on one foot (without**

**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1057   Invalid: 49   Minimum: 0   Maximum: 56  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 56   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		30	2.8%
1		23	2.2%
2		179	16.9%
3		272	25.7%
4		176	16.7%
5		143	13.5%
6		188	17.8%
7		18	1.7%
8		11	1%
9		6	0.6%
10		4	0.4%
12		1	0.1%



13		1	0.1%
14		2	0.2%
15		1	0.1%
16		1	0.1%
56		1	0.1%
Sysmiss		49	

## **BALANCE2\_NOMBRE: The number of seconds a child was able to balance standing on one foot**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1061   Invalid: 45   Minimum: 0   Maximum: 18  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 18   Format: Numeric

### **Questions and instructions**

#### **CATEGORIES**

<b>Value</b>	<b>Category</b>	<b>Cases</b>	
0		33	3.1%
1		43	4.1%
2		221	20.8%
3		225	21.2%
4		203	19.1%
5		127	12%
6		178	16.8%
7		16	1.5%
8		6	0.6%
9		5	0.5%
10		2	0.2%
13		1	0.1%
18		1	0.1%
Sysmiss		45	

## **MIXED\_TAPE1: 1. The child tapped on the table**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1035   Invalid: 71   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		36	3.5%
1		999	96.5%
Sysmiss		71	

### MIXED\_APPL1: 2. The child applauded (clapped their hands)

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1030   Invalid: 76   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		54	5.2%
1		976	94.8%
Sysmiss		76	

### MIXED\_APPL2: 3. The child applauded (clapped their hands)

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1032   Invalid: 74   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		90	8.7%
1		942	91.3%
Sysmiss		74	

**MIXED\_TAPE2: 4. The child tapped on the table****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1034   Invalid: 72   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		87	8.4%
1		947	91.6%
Sysmiss		72	

**MIXED\_TAPE3: 5. The child tapped on the table****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1042   Invalid: 64   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		98	9.4%
1		944	90.6%
Sysmiss		64	

**MIXED\_APPL3: 6. The child applauded (clapped their hands)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1043   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		88	8.4%

1		955	91.6%
Sysmiss		63	

### **MIXED\_TOTALSCORE: Mixed instructions total score**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1007   Invalid: 99   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 6   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		15	1.5%
1		4	0.4%
2		12	1.2%
3		28	2.8%
4		64	6.4%
5		73	7.2%
6		811	80.5%
Sysmiss		99	

### **MIXEDTOT: Mixed instructions total score (average accounting for missing values)**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1043   Invalid: 63   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 16   Range: 0 - 6   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		15	1.4%
1		4	0.4%
2		12	1.2%
3		28	2.7%
3.60000014305115		3	0.3%
4		64	6.1%

4.5		1	0.1%
4.80000019073486		3	0.3%
5		73	7%
6		840	80.5%
Sysmiss		63	

### COGBATTERY\_ABANDON: Battery was stopped and the reason noted.

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1043   Invalid: 63   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		14	1.3%
1		1029	98.7%
Sysmiss		63	

### HSKT\_PRACTA1: Practice round A - What do you do when I say «touch your head?»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		98	9.6%
1		95	9.3%
2		827	81.1%
Sysmiss		86	

### HSKT\_PRACTA2: What do you do when I say «touch your feet?»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		102	9.9%
1		91	8.8%
2		836	81.2%
Sysmiss		77	

## ■ HSKT\_PRACTB1: Practice round B - «Touch your head»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		143	14%
1		108	10.6%
2		771	75.4%
Sysmiss		84	

## ■ HSKT\_PRACTB2: «Touch your feet»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1012   Invalid: 94   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		148	14.6%

1		81	8%
2		783	77.4%
Sysmiss		94	

### HSKT\_PRACTB3: «Touch your head»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1023   Invalid: 83   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		151	14.8%
1		75	7.3%
2		797	77.9%
Sysmiss		83	

### HSKT\_PRACTB4: «Touch your feet»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		171	16.6%
1		76	7.4%
2		782	76%
Sysmiss		77	

### HSKT\_TEST1: Test round: «Touch your head»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		190	18.6%
1		122	11.9%
2		709	69.4%
Sysmiss		85	

## HSKT\_TEST2: «Touch your feet»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		213	20.9%
1		90	8.8%
2		718	70.3%
Sysmiss		85	

## HSKT\_TEST3: «Touch your feet»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		356	34.9%



1		127	12.5%
2		537	52.6%
Sysmiss		86	

### HSKT\_TEST4: «Touch your head»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		321	31.3%
1		90	8.8%
2		613	59.9%
Sysmiss		82	

### HSKT\_TEST5: «Touch your feet»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		331	32.4%
1		94	9.2%
2		596	58.4%
Sysmiss		85	

### HSKT\_TEST6: «Touch your head»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1015   Invalid: 91   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		308	30.3%
1		81	8%
2		626	61.7%
Sysmiss		91	

## HSKT\_TEST7: «Touch your head»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1019   Invalid: 87   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		320	31.4%
1		98	9.6%
2		601	59%
Sysmiss		87	

## HSKT\_TEST8: «Touch your feet»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		316	31%

1		75	7.3%
2		630	61.7%
Sysmiss		85	

### HSKT\_TEST9: «Touch your head»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		305	29.8%
1		71	6.9%
2		646	63.2%
Sysmiss		84	

### HSKT\_TEST10: «Touch your feet»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		304	29.5%
1		73	7.1%
2		652	63.4%
Sysmiss		77	

### HSKT\_TEST11: «Touch your shoulders»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1019   Invalid: 87   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		175	17.2%
1		141	13.8%
2		703	69%
Sysmiss		87	

## HSKT\_TEST12: «Touch your knees»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		191	18.7%
1		94	9.2%
2		735	72.1%
Sysmiss		86	

## HSKT\_TEST13: «Touch your knees»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		299	29.3%

1		140	13.7%
2		582	57%
Sysmiss		85	

### HSKT\_TEST14: «Touch your shoulders»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		291	28.5%
1		90	8.8%
2		640	62.7%
Sysmiss		85	

### HSKT\_TEST15: «Touch your knees»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		293	28.6%
1		77	7.5%
2		655	63.9%
Sysmiss		81	

### HSKT\_TEST16: «Touch your shoulders»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		294	28.8%
1		79	7.7%
2		647	63.4%
Sysmiss		86	

## HSKT\_TEST17: «Touch your shoulders»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		297	29.1%
1		120	11.7%
2		605	59.2%
Sysmiss		84	

## HSKT\_TEST18: «Touch your knees»

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1023   Invalid: 83   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		285	27.9%

1		87	8.5%
2		651	63.6%
Sysmiss		83	

### HSKT\_TEST19: «Touch your shoulders»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		280	27.3%
1		78	7.6%
2		667	65.1%
Sysmiss		81	

### HSKT\_TEST20: «Touch your knees»

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		285	27.7%
1		62	6%
2		681	66.2%
Sysmiss		78	

### HSKT\_PERSIST: The child showed a good level of persistence during the games

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		143	13.9%
1		886	86.1%
Sysmiss		77	

## HSKTTOT: Total head shoulders knees and toes score

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 40  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 40   Format: Numeric

## PERSONAL\_1: The child could say their name and surname

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		74	7.2%
1		953	92.8%
Sysmiss		79	

## PERSONAL\_2: The child could correctly identify their sex when asked if they were a boy or a

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		41	4%
1		986	96%
Sysmiss		79	

## PERSONAL\_3: The child correctly named their village/community/neighbourhood

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		323	31.5%
1		703	68.5%
Sysmiss		80	

## PERSONAL\_4: Connaissance de l'état/du pays

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		964	93.7%
1		65	6.3%
Sysmiss		77	

**PERSONAL\_TOT: Personal information total score (Sum of personal\_1 - personal\_4)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		14	1.4%
1		48	4.7%
2		293	28.7%
3		608	59.5%
4		59	5.8%
Sysmiss		84	

**SPAN\_PRACT5A: Practise round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		54	5.2%
1		975	94.8%
Sysmiss		77	

**SPAN\_PRACT5B: Practise round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		58	5.6%
1		971	94.4%
Sysmiss		77	

### SPAN\_PRACT5C: Practise round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		234	22.8%
1		794	77.2%
Sysmiss		78	

### SPAN\_PRACT5D: Practise round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		210	20.5%
1		816	79.5%
Sysmiss		80	

**SPAN\_2DIGITS1: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		54	5.3%
1		974	94.7%
Sysmiss		78	

**SPAN\_2DIGITS2: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		80	7.8%
1		946	92.2%
Sysmiss		80	

**SPAN\_2DIGITS3: Test round (2 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		67	6.5%

1		958	93.5%
Sysmiss		81	

### SPAN\_2DIGITS4: Test round (2 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		73	7.1%
1		951	92.9%
Sysmiss		82	

### SPAN\_2DIGITS\_STOP: Stop the test?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		889	86.4%
1		140	13.6%
Sysmiss		77	

### SPAN\_3DIGITS1: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 886   Invalid: 220   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		160	18.1%
1		726	81.9%
Sysmiss		220	

### SPAN\_3DIGITS2: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 887    Invalid: 219    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		253	28.5%
1		634	71.5%
Sysmiss		219	

### SPAN\_3DIGITS3: Test round (3 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 887    Invalid: 219    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		294	33.1%
1		593	66.9%
Sysmiss		219	

**SPAN\_3DIGITS4: Test round (3 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 886    Invalid: 220    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		330	37.2%
1		556	62.8%
Sysmiss		220	

**SPAN\_3DIGITS\_STOP: Stop the test?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 889    Invalid: 217    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		755	84.9%
1		134	15.1%
Sysmiss		217	

**SPAN\_4DIGITS1: Test round (4 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 755    Invalid: 351    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		516	68.3%

1		239	31.7%
Sysmiss		351	

### SPAN\_4DIGITS2: Test round (4 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 755   Invalid: 351   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		590	78.1%
1		165	21.9%
Sysmiss		351	

### SPAN\_4DIGITS3: Test round (4 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 755   Invalid: 351   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		618	81.9%
1		137	18.1%
Sysmiss		351	

### SPAN\_4DIGITS4: Test round (4 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 753   Invalid: 353   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		595	79%
1		158	21%
Sysmiss		353	

### SPAN\_4DIGITS\_STOP: Stop the test?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 755    Invalid: 351    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		262	34.7%
1		493	65.3%
Sysmiss		351	

### SPAN\_5DIGITS1: Test round (5 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 262    Invalid: 844    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		212	80.9%
1		50	19.1%
Sysmiss		844	

**SPAN\_5DIGITS2: Test round (5 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 262    Invalid: 844    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		220	84%
1		42	16%
Sysmiss		844	

**SPAN\_5DIGITS3: Test round (5 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 262    Invalid: 844    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		227	86.6%
1		35	13.4%
Sysmiss		844	

**SPAN\_5DIGITS4: Test round (5 digits): Digit recall correct or incorrect****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 262    Invalid: 844    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		232	88.5%

1		30	11.5%
Sysmiss		844	

### SPAN\_5DIGITS\_STOP: Stop the test?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 262    Invalid: 844    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		53	20.2%
1		209	79.8%
Sysmiss		844	

### SPAN\_6DIGITS1: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 53    Invalid: 1053    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		48	90.6%
1		5	9.4%
Sysmiss		1053	

### SPAN\_6DIGITS2: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 53    Invalid: 1053    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		52	98.1%
1		1	1.9%
Sysmiss		1053	

### SPAN\_6DIGITS3: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 53   Invalid: 1053   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		51	96.2%
1		2	3.8%
Sysmiss		1053	

### SPAN\_6DIGITS4: Test round (6 digits): Digit recall correct or incorrect

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 52   Invalid: 1054   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		51	98.1%
1		1	1.9%
Sysmiss		1054	

**SPAN\_2DIGITS\_SCORE: Total score from 2-digit block****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1028   Invalid: 78   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		46	4.5%
1.25		12	1.2%
1.5		8	0.8%
1.66666674613953		3	0.3%
1.75		35	3.4%
2		924	89.9%
Sysmiss		78	

**SPAN\_3DIGITS\_SCORE: Total score from 3-digit block****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 887   Invalid: 219   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1	0.1%
1.25		5	0.6%
1.5		5	0.6%
1.75		8	0.9%
1.91666674613953		1	0.1%
2		109	12.3%
2.25		53	6%
2.5		117	13.2%
2.66666674613953		2	0.2%
2.75		152	17.1%
3		434	48.9%

Sysmiss		219	
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### SPAN\_4DIGITS\_SCORE: Total score from 4-digit block

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 754    Invalid: 352    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 16    Range: 1 - 4    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.1%
1.25		1	0.1%
1.91666674613953		1	0.1%
2		3	0.4%
2.25		43	5.7%
2.5		99	13.1%
2.66666674613953		1	0.1%
2.75		110	14.6%
3		260	34.5%
3.25		61	8.1%
3.5		54	7.2%
3.66666674613953		1	0.1%
3.75		48	6.4%
4		71	9.4%
Sysmiss		352	

### SPAN\_5DIGITS\_SCORE: Total score from 5-digit block

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 261    Invalid: 845    Minimum: 2.5    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 16    Range: 2.5 - 5    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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2.5		4	1.5%
2.75		8	3.1%
3		27	10.3%
3.25		46	17.6%
3.5		43	16.5%
3.66666674613953		1	0.4%
3.75		32	12.3%
4		59	22.6%
4.25		19	7.3%
4.5		6	2.3%
4.75		7	2.7%
5		9	3.4%
Sysmiss		845	

### SPAN\_6DIGITS\_SCORE: Total score from 6-digit block

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 53   Invalid: 1053   Minimum: 3.5   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 4   Range: 3.5 - 6   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3.5		5	9.4%
3.75		5	9.4%
4		11	20.8%
4.25		14	26.4%
4.5		3	5.7%
4.75		5	9.4%
5		9	17%
6		1	1.9%
Sysmiss		1053	

### SPANTOT: Total forward digit span score (span2+span3+span4+span5+span6)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1028   Invalid: 78   Minimum: 1   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 16   Range: 1 - 6   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		45	4.4%
1.25		12	1.2%
1.5		7	0.7%
1.66666674613953		1	0.1%
1.75		18	1.8%
1.91666674613953		1	0.1%
2		186	18.1%
2.25		45	4.4%
2.5		102	9.9%
2.66666674613953		1	0.1%
2.75		112	10.9%
3		258	25.1%
3.25		51	5%
3.5		50	4.9%
3.66666674613953		1	0.1%
3.75		36	3.5%
4		61	5.9%
4.25		18	1.8%
4.5		6	0.6%
4.75		7	0.7%
5		9	0.9%
6		1	0.1%
Sysmiss		78	

### VOCAB\_NOURRITURE5: Total number of different foods the child correctly named in 60 seconds

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 13  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 13   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		14	1.4%
1		13	1.3%
2		76	7.4%
3		186	18.1%
4		203	19.7%
5		182	17.7%
6		153	14.9%
7		89	8.7%
8		51	5%
9		34	3.3%
10		12	1.2%
11		7	0.7%
12		7	0.7%
13		1	0.1%
Sysmiss		78	

### VOCAB\_ANIMAUX5: Total number of different animals the child correctly named in 60 seconds

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 10   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		27	2.6%
1		36	3.5%
2		102	9.9%
3		202	19.6%
4		297	28.9%
5		218	21.2%
6		93	9%
7		34	3.3%

8		14	1.4%
9		5	0.5%
10		1	0.1%
Sysmiss		77	

## EXPRESSVOCABTOT: Total number of different foods and animals the child correctly named in 60 seco

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 21  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 21   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		12	1.2%
1		5	0.5%
2		7	0.7%
3		23	2.2%
4		21	2%
5		68	6.6%
6		87	8.5%
7		142	13.8%
8		137	13.3%
9		136	13.2%
10		105	10.2%
11		95	9.2%
12		57	5.5%
13		51	5%
14		27	2.6%
15		25	2.4%
16		12	1.2%
17		8	0.8%
18		4	0.4%
19		4	0.4%
20		1	0.1%
21		2	0.2%
Sysmiss		77	

## **VISUAL\_S\_5\_BALLONS\_FINAL: Number of balls correctly identified in the picture sequence (15 ball images in**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1041    Invalid: 65    Minimum: 0    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		21	2%
2		1	0.1%
3		7	0.7%
4		8	0.8%
5		14	1.3%
6		9	0.9%
7		15	1.4%
8		21	2%
9		20	1.9%
10		23	2.2%
11		47	4.5%
12		64	6.1%
13		94	9%
14		130	12.5%
15		567	54.5%
Sysmiss		65	

## **VISUAL\_S\_5\_MOSQUITO\_FINAL: Number of mosquitos correctly identified in the picture sequence (18 mosquito im**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 985    Invalid: 121    Minimum: 0    Maximum: 18  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 18    Format: Numeric

### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		24	2.4%
1		7	0.7%
2		2	0.2%
3		9	0.9%
4		11	1.1%
5		11	1.1%
6		14	1.4%
7		20	2%
8		32	3.2%
9		35	3.6%
10		55	5.6%
11		59	6%
12		62	6.3%
13		58	5.9%
14		67	6.8%
15		75	7.6%
16		76	7.7%
17		82	8.3%
18		286	29%
Sysmiss		121	

## **VISUAL\_S\_5\_ERRORS\_FINAL: Errors of omission and commission**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### **Overview**

Valid: 1034    Invalid: 72    Minimum: 0    Maximum: 64  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 64    Format: Numeric

### **Questions and instructions**

#### **CATEGORIES**

Value	Category	Cases	
0		540	52.2%
1		114	11%
2		73	7.1%
3		65	6.3%
4		50	4.8%
5		42	4.1%

6		37	3.6%
7		22	2.1%
8		18	1.7%
9		15	1.5%
10		8	0.8%
11		8	0.8%
12		6	0.6%
13		2	0.2%
14		7	0.7%
15		5	0.5%
17		3	0.3%
18		1	0.1%
19		3	0.3%
20		1	0.1%
22		2	0.2%
23		2	0.2%
24		1	0.1%
27		1	0.1%
29		1	0.1%
31		2	0.2%
32		1	0.1%
35		2	0.2%
40		1	0.1%
64		1	0.1%
Sysmiss		72	

## VISUALSEARCH\_TOT: Visual search total points

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 984   Invalid: 122   Minimum: 0   Maximum: 33  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 33   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		20	2%
3		1	0.1%

4		1	0.1%
5		1	0.1%
6		5	0.5%
7		4	0.4%
8		2	0.2%
9		3	0.3%
10		3	0.3%
11		3	0.3%
12		3	0.3%
13		12	1.2%
14		6	0.6%
15		9	0.9%
16		15	1.5%
17		15	1.5%
18		7	0.7%
19		16	1.6%
20		18	1.8%
21		20	2%
22		28	2.8%
23		41	4.2%
24		34	3.5%
25		42	4.3%
26		55	5.6%
27		54	5.5%
28		45	4.6%
29		62	6.3%
30		70	7.1%
31		70	7.1%
32		89	9%
33		230	23.4%
Sysmiss		122	

## RAN\_5\_ABANDON: Stop the test?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		11	1.1%
1		1017	98.9%
Sysmiss		78	

### RAN\_5\_PERSIST: Did the child show a good level of persistence during the task?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1017   Invalid: 89   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		36	3.5%
1		981	96.5%
Sysmiss		89	

### RAN\_5\_TEST1\_ERRORS\_FINAL: Number of errors

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1014   Invalid: 92   Minimum: 0   Maximum: 23  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 23   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		639	63%
1		114	11.2%
2		78	7.7%
3		52	5.1%
4		41	4%
5		34	3.4%

6		18	1.8%
7		7	0.7%
8		10	1%
9		6	0.6%
10		3	0.3%
11		2	0.2%
12		2	0.2%
13		2	0.2%
15		1	0.1%
17		1	0.1%
18		1	0.1%
20		2	0.2%
23		1	0.1%
Sysmiss		92	

### RAN\_5\_TEST1\_AUTOCORRECT\_FINAL: Test 1: Number of autocorrections

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1018   Invalid: 88   Minimum: 0   Maximum: 6  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 6   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		708	69.5%
1		214	21%
2		76	7.5%
3		14	1.4%
4		3	0.3%
5		2	0.2%
6		1	0.1%
Sysmiss		88	

### RAN\_5\_TEST1\_CORRECT\_FINAL: Test 1: Number of images correctly named in sequence

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1004   Invalid: 102   Minimum: 1   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 24   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.1%
3		1	0.1%
4		1	0.1%
6		2	0.2%
8		1	0.1%
9		1	0.1%
10		1	0.1%
11		1	0.1%
12		4	0.4%
13		2	0.2%
14		4	0.4%
15		7	0.7%
16		12	1.2%
17		12	1.2%
18		24	2.4%
19		49	4.9%
20		47	4.7%
21		52	5.2%
22		133	13.2%
23		180	17.9%
24		469	46.7%
Sysmiss		102	

### RAN1TIME: Total time in seconds taken to complete Test 1

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1030   Invalid: 76   Minimum: 0   Maximum: 295  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 295   Format: Numeric

**RAN\_5\_TEST2\_ERRORS\_FINAL: Number of errors made in naming images (18 unique values)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1010   Invalid: 96   Minimum: 0   Maximum: 22  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 22   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		779	77.1%
1		80	7.9%
2		36	3.6%
3		32	3.2%
4		20	2%
5		26	2.6%
6		11	1.1%
7		8	0.8%
8		4	0.4%
9		3	0.3%
10		3	0.3%
11		1	0.1%
12		2	0.2%
13		1	0.1%
16		1	0.1%
17		1	0.1%
18		1	0.1%
22		1	0.1%
Sysmiss		96	

**RAN\_5\_TEST2\_AUTOCORRECT\_FINAL: Number of auto-corrections****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1016   Invalid: 90   Minimum: 0   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		776	76.4%
1		166	16.3%
2		53	5.2%
3		14	1.4%
4		5	0.5%
5		2	0.2%
Sysmiss		90	

### RAN\_5\_TEST2\_CORRECT\_FINAL: Number of images named correctly (i.e. right name given and images named in the

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1001   Invalid: 105   Minimum: 2   Maximum: 24  
 Type: Discrete   Decimal: 0   Width: 2   Range: 2 - 24   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		1	0.1%
6		1	0.1%
7		1	0.1%
8		1	0.1%
11		1	0.1%
12		4	0.4%
14		5	0.5%
15		3	0.3%
16		6	0.6%
17		13	1.3%
18		16	1.6%
19		21	2.1%
20		24	2.4%
21		53	5.3%
22		80	8%
23		158	15.8%
24		613	61.2%
Sysmiss		105	

**RAN2TIME: Total time in seconds taken to complete Test 2****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 283  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 283   Format: Numeric

**RANTIME\_TOT: Total time taken in seconds to complete test 1 and test 2 (ran1time + ran2time)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1016   Invalid: 90   Minimum: 44   Maximum: 578  
 Type: Continuous   Decimal: 0   Width: 3   Range: 44 - 578   Format: Numeric

**RANERRORS\_TOT: Total number of errors made in naming images during the Test 1 and Test 2****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 42  
 Type: Discrete   Decimal: 0   Width: 2   Range: 0 - 42   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		601	58.9%
1		113	11.1%
2		73	7.2%
3		38	3.7%
4		45	4.4%
5		19	1.9%
6		21	2.1%
7		24	2.4%
8		15	1.5%
9		15	1.5%
10		15	1.5%
11		6	0.6%
12		5	0.5%

13		4	0.4%
14		3	0.3%
15		1	0.1%
16		4	0.4%
17		4	0.4%
18		4	0.4%
19		1	0.1%
20		2	0.2%
21		2	0.2%
22		1	0.1%
30		1	0.1%
34		1	0.1%
41		1	0.1%
42		1	0.1%
Sysmiss		86	

### BOOK\_A: (a) Correctly pointed out the book cover

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1016   Invalid: 90   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		130	12.8%
1		886	87.2%
Sysmiss		90	

### BOOK\_B: (b) Correctly opened the book (the book is the right way around and not upside d

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		188	18.3%
1		837	81.7%
Sysmiss		81	

### BOOK\_C: (c) Indicated the first word of the sentence

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		601	58.8%
1		421	41.2%
Sysmiss		84	

### BOOK\_D: (d) Indicated the direction to read or says 'from left to right'

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		530	51.5%
1		499	48.5%
Sysmiss		77	

**LETTERS\_E: Letter identification - letter E****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		53	5.2%
1		973	94.8%
Sysmiss		80	

**LETTERS\_K: Letter identification - letter K****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		38	3.7%
1		987	96.3%
Sysmiss		81	

**LETTERS\_T: Letter identification - letter T****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		47	4.6%

1		974	95.4%
Sysmiss		85	

## LETTERS\_B: Letter identification - letter B

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		68	6.6%
1		957	93.4%
Sysmiss		81	

## LETTERS\_A: Letter identification - letter A

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		82	8%
1		942	92%
Sysmiss		82	

## LETTERS\_I: Letter identification - letter I

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		67	6.5%
1		962	93.5%
Sysmiss		77	

### LETTERS\_M: Letter identification - letter M

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		46	4.5%
1		982	95.5%
Sysmiss		78	

### LETTERS\_R: Letter identification - letter R

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		40	3.9%
1		989	96.1%
Sysmiss		77	

**LETTERS\_U: Letter identification - letter U****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		44	4.3%
1		980	95.7%
Sysmiss		82	

**LETTERS\_O: Letter identification - letter O****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		59	5.7%
1		970	94.3%
Sysmiss		77	

**LETTERS\_REVIEW\_INSTRUCTION: The test was stopped if the child correctly identified 3 letters or less****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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1		129	12.5%
2		900	87.5%
Sysmiss		77	

## LETTERS\_P: Letter identification - letter P

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 129   Invalid: 977   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		22	17.1%
1		107	82.9%
Sysmiss		977	

## LETTERS\_C: Letter identification - letter C

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 129   Invalid: 977   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		31	24%
1		98	76%
Sysmiss		977	

## LETTERS\_W: Letter identification - letter W

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 129   Invalid: 977   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		10	7.8%
1		119	92.2%
Sysmiss		977	

### LETTERS\_Y: Letter identification - letter Y

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		9	7%
1		120	93%
Sysmiss		977	

### LETTERS\_H: Letter identification - letter H

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		16	12.4%
1		113	87.6%
Sysmiss		977	

**LETTERS\_S: Letter identification - letter S****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		28	21.7%
1		101	78.3%
Sysmiss		977	

**LETTERS\_V: Letter identification - letter V****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		20	15.5%
1		109	84.5%
Sysmiss		977	

**LETTERS\_G: Letter identification - letter G****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		13	10.1%

1		116	89.9%
Sysmiss		977	

## LETTERS\_Z: Letter identification - letter Z

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		11	8.5%
1		118	91.5%
Sysmiss		977	

## LETTERS\_N: Letter identification - letter N

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 129    Invalid: 977    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		14	10.9%
1		115	89.1%
Sysmiss		977	

## DEFINE\_1SCORE: Precisely described a banana

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1028    Invalid: 78    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		132	12.8%
1		896	87.2%
Sysmiss		78	

### DEFINE\_2SCORE: Precisely described a chair

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		127	12.3%
1		902	87.7%
Sysmiss		77	

### DEFINE\_3SCORE: Precisely described a house

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		216	21%
1		813	79%
Sysmiss		77	

**DEFINE\_TOTAL: Total score. Sum of (define\_1score - define\_3score)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		52	5.1%
1		76	7.4%
2		167	16.2%
3		733	71.3%
Sysmiss		78	

**DRAW\_1: Head drawn****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		398	38.8%
1		628	61.2%
Sysmiss		80	

**DRAW\_2: Trunk drawn****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
0		521	50.8%
1		504	49.2%
Sysmiss		81	

### **DRAW\_3: Recognisable arms drawn**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1023   Invalid: 83   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		685	67%
1		338	33%
Sysmiss		83	

### **DRAW\_4: Recognisable legs drawn**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1018   Invalid: 88   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		620	60.9%
1		398	39.1%
Sysmiss		88	

### **DRAW\_5: Recognisable hands or feet drawn**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1023   Invalid: 83   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		819	80.1%
1		204	19.9%
Sysmiss		83	

## **DRAW\_6: One recognisable facial characteristic (eyes, mouth, nose, or ears) drawn**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1022    Invalid: 84    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		823	80.5%
1		199	19.5%
Sysmiss		84	

## **DRAW\_7: Child drew at least one other recognisable facial characteristic (eyes, mouth, n**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1027    Invalid: 79    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		852	83%
1		175	17%
Sysmiss		79	

**DRAW\_GRIP: The child had good pencil grip (safe/mature grip)****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		456	44.4%
1		571	55.6%
Sysmiss		79	

**DRAW\_PERSIST: The child showed persistence while drawing****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		425	41.3%
1		604	58.7%
Sysmiss		77	

**DRAW\_TOT: Total drawing a human figure score****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 995   Invalid: 111   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		343	34.5%

1		85	8.5%
2		134	13.5%
3		95	9.5%
4		140	14.1%
5		75	7.5%
6		58	5.8%
7		65	6.5%
Sysmiss		111	

**CIRCLE\_SCORE: The child was asked to trace over the image of a circle which was already on the**

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		34	3.3%
1		244	23.7%
2		599	58.2%
3		152	14.8%
Sysmiss		77	

**CIRCLE\_GRIP: The child had good pencil grip (safe/mature)**

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		376	36.8%
1		646	63.2%

Sysmiss		84	
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### **CIRCLE\_PERSIST: The child showed persistence (tried for a long time) to trace the circle**

**Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		313	30.4%
1		716	69.6%
Sysmiss		77	

### **CIRCLE\_TOT: «Tracing the circle» total score**

**Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid:   Invalid: 1106   Maximum: \*  
 Type: Discrete   Decimal: 0   Width: 1   Range: - \*   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category
Sysmiss	

### **STORY\_Q1: Oral comprehension - Q1**

**Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		84	8.2%
1		944	91.8%
Sysmiss		78	

## STORY\_Q2: Oral comprehension - Q2

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		270	26.3%
1		755	73.7%
Sysmiss		81	

## STORY\_Q3: Oral comprehension - Q3

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1023   Invalid: 83   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		387	37.8%
1		636	62.2%
Sysmiss		83	

## STORY\_Q4: Oral comprehension - Q4

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		225	22.1%
1		795	77.9%
Sysmiss		86	

### STORY\_Q5: Oral comprehension - Q5

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1020   Invalid: 86   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		311	30.5%
1		709	69.5%
Sysmiss		86	

### STORY\_Q6: Oral comprehension - Q6

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1018   Invalid: 88   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		565	55.5%
1		453	44.5%
Sysmiss		88	

**STORY\_Q7: Oral comprehension - Q7****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		554	54%
1		471	46%
Sysmiss		81	

**STORY\_Q8: Oral comprehension - Q8****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		588	57.1%
1		441	42.9%
Sysmiss		77	

**STORY\_TOT: Total score for oral comprehension test (Sum of story\_q1 - story\_q8)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 987   Invalid: 119   Minimum: 0   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 8   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		38	3.9%



1		31	3.1%
2		58	5.9%
3		88	8.9%
4		136	13.8%
5		150	15.2%
6		200	20.3%
7		168	17%
8		118	12%
Sysmiss		119	

## NUMBERS\_4: Number identification and expression - Number 4

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		143	13.9%
1		885	86.1%
Sysmiss		78	

## NUMBERS\_2: Number identification and expression - Number 2

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		190	18.5%
1		838	81.5%
Sysmiss		78	

**NUMBERS\_10: Number identification and expression - Number 10****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1025    Invalid: 81    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		110	10.7%
1		915	89.3%
Sysmiss		81	

**NUMBERS\_5: Number identification and expression - Number 5****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1027    Invalid: 79    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		157	15.3%
1		870	84.7%
Sysmiss		79	

**NUMBERS\_7: Number identification and expression - Number 7****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1020    Invalid: 86    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		121	11.9%
1		899	88.1%
Sysmiss		86	

## NUMBERS\_6: Number identification and expression - Number 6

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		133	13%
1		891	87%
Sysmiss		82	

## NUMBERS\_9: Number identification and expression - Number 9

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1024   Invalid: 82   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		116	11.3%
1		908	88.7%
Sysmiss		82	

## NUMBERS\_8: Number identification and expression - Number 8

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		132	12.9%
1		894	87.1%
Sysmiss		80	

## NUMBERS\_3: Number identification and expression - Number 3

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1026    Invalid: 80    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		155	15.1%
1		871	84.9%
Sysmiss		80	

## NUMBERS\_1: Number identification and expression - Number 1

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1029    Invalid: 77    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		171	16.6%
1		858	83.4%
Sysmiss		77	

## NUMBERS\_REVIEW\_INSTRUCTION: The test was stopped if the child correctly identified 3 numbers or less, and th

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1029   Invalid: 77   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 2   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		231	22.4%
2		798	77.6%
Sysmiss		77	

## NUMBERS\_13: Number identification and expression - Number 13

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 231   Invalid: 875   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		51	22.1%
1		180	77.9%
Sysmiss		875	

## NUMBERS\_14: Number identification and expression - Number 14

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 231   Invalid: 875   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		42	18.2%
1		189	81.8%
Sysmiss		875	

## NUMBERS\_17: Number identification and expression - Number 17

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 231    Invalid: 875    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		24	10.4%
1		207	89.6%
Sysmiss		875	

## NUMBERS\_19: Number identification and expression - Number 19

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 231    Invalid: 875    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		24	10.4%
1		207	89.6%
Sysmiss		875	

## NUMBERS\_16: Number identification and expression - Number 16

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 228    Invalid: 878    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		26	11.4%
1		202	88.6%
Sysmiss		878	

## NUMBERS\_15: Number identification and expression - Number 15

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 231    Invalid: 875    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		42	18.2%
1		189	81.8%
Sysmiss		875	

## NUMBERS\_18: Number identification and expression - Number 18

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 230    Invalid: 876    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		25	10.9%
1		205	89.1%
Sysmiss		876	

**NUMBERS\_11: Number identification and expression - Number 11****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 230    Invalid: 876    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		43	18.7%
1		187	81.3%
Sysmiss		876	

**NUMBERS\_12: Number identification and expression - Number 12****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 231    Invalid: 875    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		41	17.7%
1		190	82.3%
Sysmiss		875	

**NUMBERS\_20: Number identification and expression - Number 20****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 231    Invalid: 875    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		29	12.6%



1		202	87.4%
Sysmiss		875	

### ■ QUANTITY\_3: Child gave the correct 3 items to the investigator within 10 seconds

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		277	27.1%
1		745	72.9%
Sysmiss		84	

### ■ QUANTITY\_7: Child gave the correct 7 items to the investigator within 10 seconds

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		702	68.4%
1		325	31.6%
Sysmiss		79	

### ■ QUANTITY\_15: Child gave the correct 15 items to the investigator within 10 seconds

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		926	90.3%
1		99	9.7%
Sysmiss		81	

### ■ QUANTITY\_PERSIST: The child showed persistence in counting

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		396	38.5%
1		633	61.5%
Sysmiss		77	

### ■ QUANTITY\_TOT: Total score in choosing the correct objects

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1017   Invalid: 89   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		264	26%
1		436	42.9%
2		227	22.3%
3		90	8.8%
Sysmiss		89	

**MATH\_1: Correctly added 2 to 3****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1018   Invalid: 88   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		316	31%
1		702	69%
Sysmiss		88	

**MATH\_2: Correctly added 2 plus 2 bicycles****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		516	50.2%
1		511	49.8%
Sysmiss		79	

**MATH\_3: Correctly subtracted 1 from 3 tomatoes****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		259	25.2%
1		770	74.8%
Sysmiss		77	

### **MATH\_TOT: Total addition and subtraction score**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1016   Invalid: 90   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		168	16.5%
1		165	16.2%
2		248	24.4%
3		435	42.8%
Sysmiss		90	

### **SIZE\_GRAND: The child correctly showed the biggest circle**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		20	1.9%
1		1009	98.1%
Sysmiss		77	

### **SIZE\_PETIT: The child correctly showed the smallest circle**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		74	7.2%
1		955	92.8%
Sysmiss		77	

## SIZE\_LONG: The child correctly showed the longest crayon

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		25	2.4%
1		1004	97.6%
Sysmiss		77	

## SIZE\_SHORT: The child correctly showed the shortest crayon

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		64	6.2%
1		965	93.8%
Sysmiss		77	

**SIZE\_5\_TOT: Total 'sizes and length' score****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		10	1%
1		3	0.3%
2		22	2.1%
3		90	8.7%
4		904	87.9%
Sysmiss		77	

**SHAPES\_1: The child correctly identified the following shapes: Circle****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1026   Invalid: 80   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		293	28.6%
1		733	71.4%
Sysmiss		80	

**SHAPES\_2: The child correctly identified the following shapes: Rectangle****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1022   Invalid: 84   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		795	77.8%
1		227	22.2%
Sysmiss		84	

### SHAPES\_3: The child correctly identified the following shapes: Triangle

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025   Invalid: 81   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		821	80.1%
1		204	19.9%
Sysmiss		81	

### SHAPES\_4: The child correctly identified the following shapes: Square

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1027   Invalid: 79   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		805	78.4%
1		222	21.6%
Sysmiss		79	

**SHAPES\_5: The child correctly identified something in their house which is shaped like a c****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		625	60.7%
1		404	39.3%
Sysmiss		77	

**SHAPES\_TOT: Total score in identifying shapes****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1015   Invalid: 91   Minimum: 0   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 5   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		212	20.9%
1		244	24%
2		298	29.4%
3		144	14.2%
4		86	8.5%
5		31	3.1%
Sysmiss		91	

**PATTERN\_CORRECT: The child correctly completed the bead pattern of a necklace****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		253	24.6%
1		776	75.4%
Sysmiss		77	

### CONFLICT\_1: The child gave an appropriate answer to resolve the conflict (in a picture)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		318	30.9%
1		710	69.1%
Sysmiss		78	

### CONFLICT\_2: Second appropriate answer given to resolve the conflict

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		738	71.7%
1		291	28.3%
Sysmiss		77	

**CONFLICT\_TOT: Sum of scores (conflict\_1 + conflict\_2)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		310	30.2%
1		435	42.3%
2		283	27.5%
Sysmiss		78	

**EMPATHY\_1: How do you think the girl feels at this moment?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 967   Invalid: 139   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		284	29.4%
1		683	70.6%
Sysmiss		139	

**EMPATHY\_2: What would you do to stop the girl from crying and to make her feel better?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1028   Invalid: 78   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		520	50.6%
1		508	49.4%
Sysmiss		78	

### EMPATHY\_3: Anything else you could do?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1029   Invalid: 77   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		811	78.8%
1		218	21.2%
Sysmiss		77	

### EMPATHY\_TOT: Sum of (empathy\_1 + empathy\_2 + empathy\_3)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 966   Invalid: 140   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		249	25.8%
1		236	24.4%
2		34	3.5%
3		447	46.3%
Sysmiss		140	

### ITEM10A\_OB1: The child could follow the material with interest and curiosity

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		145	13.1%
1		961	86.9%

### ITEM10A\_OB2: The child understood the instructions quickly

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1105 Invalid: 1 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		282	25.5%
1		823	74.5%
Sysmiss		1	

### ITEM10A\_OB3: The child concentrated well throughout the tests

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1099 Invalid: 7 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		271	24.7%
1		828	75.3%
Sysmiss		7	

**ITEM10A\_OB4: The child was happy/chatty/loved participating in the tests****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1101    Invalid: 5    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		262	23.8%
1		839	76.2%
Sysmiss		5	

**ITEM10A\_OB5: The child was confident and independent (wasn't looking for their mother or guar****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1096    Invalid: 10    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		149	13.6%
1		947	86.4%
Sysmiss		10	

**ITEM10A\_OB6: The child was shy throughout their attempts****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1100    Invalid: 6    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		822	74.7%
1		278	25.3%
Sysmiss		6	

**ITEM10A\_OB7: The child refused to speak**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1100   Invalid: 6   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1027	93.4%
1		73	6.6%
Sysmiss		6	

**ITEM10A\_OB8: The child was distressed/cried throughout the tests**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1103   Invalid: 3   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1043	94.6%
1		60	5.4%
Sysmiss		3	

**ITEM10A\_OB9: The child was easily distracted during the tests**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1105   Invalid: 1   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		616	55.7%
1		489	44.3%
Sysmiss		1	

## ITEM10A\_OB10: The child was disruptive and nor cooperative during the tests

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106   Invalid:   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1033	93.4%
1		73	6.6%

## ITEM10B\_OB1: The child was tired or hungry on the day of the assessment

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1104   Invalid: 2   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		981	88.9%
1		123	11.1%
Sysmiss		2	

**ITEM10B\_OB2: The child was sick on the day of the assessment****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1089	98.5%
1		17	1.5%

**ITEM10B\_OB4: The child completed refused to do the tests****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1104    Invalid: 2    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1053	95.4%
1		51	4.6%
Sysmiss		2	

**ITEM10B\_OB5: A translator was used to do the tests with the child****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1102    Invalid: 4    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		987	89.6%
1		115	10.4%
Sysmiss		4	

### ITEM10B\_OB6: Is the child enrolled in a preschool (kinder garden)?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		478	43.2%
1		628	56.8%

### ITEM10B\_OB3: The child had a disability (for example couldn't hear or speak)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1102 Invalid: 4 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1095	99.4%
1		7	0.6%
Sysmiss		4	

### ITEM10B\_OB3\_HANDICAP: Description of disability

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid:  
 Type: Discrete Width: 35 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1099	99.4%
Enfant begue		1	0.1%
Handicape		1	0.1%
l'enfant ne pouvait pas Parler bien		1	0.1%
Ne pouvait pas Parler		1	0.1%
Physique : du pied droit.		1	0.1%
Surmené		1	0.1%
Vision		1	0.1%

### INTERVIEWER\_ID\_PARENT: Unique identifier of field worker conducting the interview

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:

Type: Discrete Width: 4 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		40	3.6%
e700		2	0.2%
e701		2	0.2%
e702		10	0.9%
e703		15	1.4%
e704		13	1.2%
e705		24	2.2%
e706		22	2%
e707		21	1.9%
e708		41	3.7%
e709		59	5.3%
e710		57	5.2%
e711		2	0.2%
e712		40	3.6%
e713		43	3.9%

e714		51	4.6%
e715		37	3.3%
e716		55	5%
e717		25	2.3%
e718		72	6.5%
e719		37	3.3%
e720		45	4.1%
e721		41	3.7%
e722		51	4.6%
e723		37	3.3%
e724		41	3.7%
e725		35	3.2%
e726		37	3.3%
e727		18	1.6%
e728		34	3.1%
e729		13	1.2%
e730		43	3.9%
e731		43	3.9%

### AN3\_NORESIDE\_REASON: Records if child was still resident in village in 2016 or not

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1066   Invalid: 40   Minimum: 1   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 3   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		1065	99.9%
3		1	0.1%
Sysmiss		40	

### AN3\_NORESIDE\_OTHER: Reason interview not completed in 2016

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 1   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1106	100%

### A8\_RELATION\_CHILD: Relationship to child

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065 Invalid: 41 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		582	54.6%
2		171	16.1%
3		58	5.4%
4		50	4.7%
5		26	2.4%
6		178	16.7%
Sysmiss		41	

### A8\_RELATION\_CHILD\_OTHER: Description of relationship to child

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid:  
 Type: Discrete Width: 26 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		929	84%
Beau Frere		1	0.1%
Beaut père		1	0.1%
Belle soeur		1	0.1%

Belle soeur		2	0.2%
Belle Soeur		1	0.1%
Coepouse		1	0.1%
Coepouse a sa mere		1	0.1%
Cooepouse		1	0.1%
Frere		2	0.2%
Frère		1	0.1%
Grand-frère		2	0.2%
Grand-soeur		1	0.1%
Grand frère		1	0.1%
Grand soeur		1	0.1%
Grand frere		4	0.4%
Grand Frere		1	0.1%
GRAND FRERE		1	0.1%
Grand frère		4	0.4%
Grand Frère		2	0.2%
Grand frère de l enfant		1	0.1%
Grand soeur		2	0.2%
Grand. Frere		1	0.1%
Grande-sœur		1	0.1%
Grande-Sœur		1	0.1%
Grande soeur		1	0.1%
Grande Soeur		1	0.1%
Grande Souer		1	0.1%
Grands soeur		1	0.1%
Le grand frere de fatogoma		1	0.1%
Maratre		2	0.2%
Marâtre		10	0.9%
Marratre		1	0.1%
Monitrice		1	0.1%
Neuve		1	0.1%
Nièce		1	0.1%
Oncle		22	2%
Petite Seure		1	0.1%
Soeur		1	0.1%
Tante		41	3.7%
Tanti		1	0.1%
Tonton		54	4.9%
Voisine		1	0.1%

**AN4\_GUARDIAN: N4. Are you the main person responsible for the welfare of this child?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 310    Invalid: 796    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		50	16.1%
1		260	83.9%
Sysmiss		796	

**AN5\_INTERVIEW\_HOME: N5. Is interview being done in child's home?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064    Invalid: 42    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		466	43.8%
1		597	56.1%
9		1	0.1%
Sysmiss		42	

**B2\_MUM\_AGE: B2. What is the mother's age?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 829    Invalid: 277    Minimum: 16    Maximum: 63  
 Type: Discrete    Decimal: 0    Width: 2    Range: 16 - 63    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
16		1	0.1%
17		4	0.5%
18		9	1.1%
19		7	0.8%
20		43	5.2%
21		10	1.2%
22		17	2.1%
23		16	1.9%
24		18	2.2%
25		84	10.1%
26		39	4.7%
27		30	3.6%
28		54	6.5%
29		18	2.2%
30		150	18.1%
31		13	1.6%
32		40	4.8%
33		22	2.7%
34		12	1.4%
35		57	6.9%
36		23	2.8%
37		14	1.7%
38		27	3.3%
39		10	1.2%
40		58	7%
41		2	0.2%
42		5	0.6%
43		5	0.6%
44		2	0.2%
45		15	1.8%
46		6	0.7%
47		1	0.1%
48		2	0.2%
49		2	0.2%
50		7	0.8%

51		1	0.1%
52		1	0.1%
53		1	0.1%
60		2	0.2%
63		1	0.1%
Sysmiss		277	

### BN7\_MUM\_ATTENDSCHOOL: N7. Has the mother ever attended school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1056   Invalid: 50   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		863	81.7%
1		193	18.3%
Sysmiss		50	

### B3\_MUM\_EDULEVEL: B3. What is the highest level of education that the mother has completed?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 193   Invalid: 913   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		4	2.1%
1		102	52.8%
2		11	5.7%
3		40	20.7%
4		7	3.6%
5		18	9.3%



6		3	1.6%
9		8	4.1%
Sysmiss		913	

## MATLIT: Maternal literacy

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1051   Invalid: 55   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		888	84.5%
1		163	15.5%
Sysmiss		55	

## B6\_DAD\_AGE: B6. What is the father's age?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 757   Invalid: 349   Minimum: 20   Maximum: 80  
 Type: Continuous   Decimal: 0   Width: 2   Range: 20 - 80   Format: Numeric

## BN8\_DAD\_ATTENDSCHOOL: N8. Has the father ever attended school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1047   Invalid: 59   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		821	78.4%
1		226	21.6%
Sysmiss		59	

**B7\_DAD\_EDULEVEL: B7. What is the highest level of education that the father has completed?****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 226    Invalid: 880    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		6	2.7%
1		118	52.2%
2		16	7.1%
3		26	11.5%
4		13	5.8%
5		22	9.7%
6		8	3.5%
9		17	7.5%
Sysmiss		880	

**B8\_DAD\_READ: B8. Can the father read?****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1041    Invalid: 65    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		688	66.1%
1		353	33.9%
Sysmiss		65	

**B8A\_DADREAD\_LANG: B8(A). Which languages?****Data file:** dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 8    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		754	68.2%
1		133	12%
1 2		8	0.7%
1 2 4		5	0.5%
1 2 4 77		1	0.1%
1 3 4		1	0.1%
1 4		45	4.1%
1 4 77		2	0.2%
1 77		1	0.1%
2		25	2.3%
2 4		2	0.2%
4		95	8.6%
4 77		3	0.3%
77		31	2.8%

**B8A\_DADREAD\_LANG\_OTHER: Description of other languages father can read (if not Bambara, Shenara or Mamar**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 13    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1068	96.6%
Anglais		2	0.2%
Arabe		28	2.5%
Arabe anglais		1	0.1%
Bangou kalan		1	0.1%
Coran		2	0.2%

Englais		1	0.1%
Ne sais pas		3	0.3%

## MAINLANG: Main language spoken in the home (can be used as indicator of ethnicity)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065   Invalid: 41   Minimum: 1   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 7   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		358	33.6%
2		542	50.9%
3		52	4.9%
7		113	10.6%
Sysmiss		41	

## B10\_HOMELANG\_MAIN\_OTHER: Description of main language spoken in home (if not Bambara, Shenara or Mamara)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 13   Range: -   Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		995	90%
Bobo		16	1.4%
Bobo fing		1	0.1%
Bobo fin		1	0.1%
Bobo. Fing		1	0.1%
Bomou		6	0.5%
Bore		10	0.9%
Boré		8	0.7%

Borz		1	0.1%
Boua		2	0.2%
Dafin		1	0.1%
Dafing		2	0.2%
Dogo		3	0.3%
Dogon		3	0.3%
Dogono		2	0.2%
Gana		8	0.7%
Ganakah		3	0.3%
Langue dogon		1	0.1%
Langue samogo		1	0.1%
Peuhl		1	0.1%
Peul		2	0.2%
Peulh		5	0.5%
Samogo		26	2.4%
Samongo		4	0.4%
Somogo		1	0.1%
Sonike		2	0.2%

## B11\_HOMELANG\_ADD: B11. What other languages are spoken at home?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:

Type: Discrete Width: 6 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		43	3.9%
1		670	60.6%
1 2		209	18.9%
1 2 4		3	0.3%
1 2 77		1	0.1%
1 3		29	2.6%
1 4		10	0.9%
1 4 77		1	0.1%
1 77		31	2.8%

2		70	6.3%
2 4		1	0.1%
2 77		1	0.1%
3		7	0.6%
3 77		1	0.1%
4		12	1.1%
77		17	1.5%

### **B11\_HOMELANG\_ADD\_OTHER: Description of additional language(s) spoken in home (if not Bambara, Shenara or**

**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

#### **Overview**

Valid: 1106 Invalid:

Type: Discrete Width: 9 Range: - Format: character

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
		1054	95.3%
Aucune		2	0.2%
Bobo		15	1.4%
Bobo fin		1	0.1%
Bore		2	0.2%
Boré		1	0.1%
Dafi		1	0.1%
Dioula		2	0.2%
Dogon		1	0.1%
Gana		3	0.3%
Guana		3	0.3%
Guana kan		1	0.1%
Peuhl		1	0.1%
Peul		1	0.1%
Peule		1	0.1%
Peulh		1	0.1%
Samogo		16	1.4%

**B12\_CHILD\_FRENCH: B12. Does your child recognize or speak any words in French?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		564	53%
1		495	46.5%
9		5	0.5%
Sysmiss		42	

**BI1\_MUM\_TOTALCHILDREN: I1. How many children does the mother have at present? (including this child)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1065   Invalid: 41   Minimum: 1   Maximum: 99  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 99   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		28	2.6%
2		153	14.4%
3		213	20%
4		195	18.3%
5		170	16%
6		131	12.3%
7		81	7.6%
8		47	4.4%
9		29	2.7%
10		14	1.3%
11		3	0.3%
99		1	0.1%
Sysmiss		41	

## B9\_DAD\_TOTALCHILDREN: B9. How many children does the father have, in total (include children of co-wiv

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1046   Invalid: 60   Minimum: 1   Maximum: 50  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 50   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		11	1.1%
2		72	6.9%
3		132	12.6%
4		118	11.3%
5		114	10.9%
6		104	9.9%
7		116	11.1%
8		85	8.1%
9		65	6.2%
10		64	6.1%
11		44	4.2%
12		34	3.3%
13		21	2%
14		22	2.1%
15		11	1.1%
16		9	0.9%
17		8	0.8%
18		3	0.3%
19		1	0.1%
20		4	0.4%
21		3	0.3%
22		2	0.2%
25		1	0.1%
30		1	0.1%
50		1	0.1%
Sysmiss		60	



**BI2\_TOTALWANT: I2. How many children, in total, would you like to have?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 736    Invalid: 370    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		8	1.1%
2		11	1.5%
3		21	2.9%
4		42	5.7%
5		88	12%
6		108	14.7%
7		77	10.5%
8		79	10.7%
9		38	5.2%
10		72	9.8%
11		6	0.8%
12		8	1.1%
13		1	0.1%
14		1	0.1%
15		4	0.5%
18		1	0.1%
19		2	0.3%
20		7	1%
99		162	22%
Sysmiss		370	

**BI4\_TOTALWANT\_CONTRACEP: I4. If there was a method of contraception available at no cost, how many childr****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 733    Invalid: 373    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		28	3.8%
2		40	5.5%
3		34	4.6%
4		59	8%
5		84	11.5%
6		92	12.6%
7		60	8.2%
8		71	9.7%
9		31	4.2%
10		31	4.2%
11		5	0.7%
12		5	0.7%
14		1	0.1%
15		4	0.5%
16		1	0.1%
18		2	0.3%
19		2	0.3%
20		4	0.5%
99		179	24.4%
Sysmiss		373	

## BI8\_CHILDREN\_SCHOOL: I8. Do you have any children already in school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		311	29.2%
1		753	70.7%
9		1	0.1%

Sysmiss		41	
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## BI9\_CHILDREN\_SCHOOL\_TOTAL: I9. How many children already in school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 751    Invalid: 355    Minimum: 1    Maximum: 99  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 99    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		308	41%
2		199	26.5%
3		112	14.9%
4		59	7.9%
5		35	4.7%
6		17	2.3%
7		5	0.7%
8		3	0.4%
10		5	0.7%
11		1	0.1%
14		2	0.3%
16		1	0.1%
20		2	0.3%
30		1	0.1%
99		1	0.1%
Sysmiss		355	

## BI10\_CHILDREN\_SCHOOL\_TYPE: I10. Are they in primary or secondary school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 3    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		355	32.1%
1		638	57.7%
1 2		95	8.6%
2		18	1.6%

### BI11\_PAY\_PRIM\_SCH: I11. How much do you pay in total each year to educate one child at primary scho

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid:

Type: Continuous Width: 36 Range: - Format: character

### BI12\_PAY\_SECOND\_SCH: I12. How much do you pay in total each year to educate one child at secondary sc

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106 Invalid:

Type: Discrete Width: 11 Range: - Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		993	89.8%
10000		8	0.7%
100000		4	0.4%
10000		1	0.1%
12000		2	0.2%
12500		1	0.1%
15000		14	1.3%
17000		1	0.1%
195000		1	0.1%
2000		1	0.1%
20000		8	0.7%
2500		1	0.1%
25000		2	0.2%
27500		1	0.1%

3000		1	0.1%
30000		7	0.6%
35000		3	0.3%
40000		4	0.4%
5000		5	0.5%
50000		4	0.4%
52000		1	0.1%
55000		1	0.1%
6000		1	0.1%
60000		1	0.1%
7500		3	0.3%
8000		1	0.1%
90000		1	0.1%
99		14	1.3%
999		9	0.8%
9999		6	0.5%
Ne sais pas		3	0.3%
Ne sait pas		3	0.3%

### BI13\_EDUCATE\_CHILD: I13. Would you like to educate this child when they reach the age to begin prima

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		32	3%
1		988	92.8%
9		45	4.2%
Sysmiss		41	

### BI14\_EDUCATE\_WILLPAY: I14. How much are you willing to pay each year for the education of this child?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid:  
 Type: Continuous Width: 26 Range: - Format: character

**BI15\_EDUCATE\_NEED: I15. How much money would you need each year to be able to educate this child?**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106 Invalid:  
 Type: Discrete Width: 33 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1079	97.6%
10000		1	0.1%
13000		1	0.1%
20000		1	0.1%
250000		1	0.1%
50000		2	0.2%
99		14	1.3%
999		2	0.2%
9999		2	0.2%
C'est pas un problème de l'argent		1	0.1%
Non		1	0.1%
Rien		1	0.1%

**B13\_COMPLETE\_PRIM: B13. Do you expect that your child will complete primary school?**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1065 Invalid: 41 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		21	2%

1		992	93.1%
9		52	4.9%
Sysmiss		41	

### B14\_COMPLETE\_SEC: B14. Do you expect your child will complete secondary school?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		22	2.1%
1		990	93%
9		53	5%
Sysmiss		41	

### C1A\_STORYBOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1012   Invalid: 94   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		706	69.8%
1		306	30.2%
Sysmiss		94	

### C1B\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1021   Invalid: 85   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		561	54.9%
1		460	45.1%
Sysmiss		85	

**C1C\_NEWMAGS: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1011   Invalid: 95   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		881	87.1%
1		130	12.9%
Sysmiss		95	

**C1D\_BROCHURES: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1010   Invalid: 96   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		825	81.7%



1		185	18.3%
Sysmiss		96	

### C1E\_RELIGIOUS\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1027    Invalid: 79    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		560	54.5%
1		467	45.5%
Sysmiss		79	

### C1F\_COLOURING\_BOOKS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1022    Invalid: 84    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		820	80.2%
1		202	19.8%
Sysmiss		84	

### C1G\_COMICS: C1. Do you have any of these types of reading materials available in your home...

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1011    Invalid: 95    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		804	79.5%
1		207	20.5%
Sysmiss		95	

**C1H\_BOOKS\_OTHER: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1000    Invalid: 106    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		994	99.4%
1		6	0.6%
Sysmiss		106	

**C1H\_BOOKS\_OTHERDESC: C1. Do you have any of these types of reading materials available in your home...**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 35    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1100	99.5%
Balikou kalan		1	0.1%
Cahier		1	0.1%

Livre de page niétaa		1	0.1%
Livres scientifiques		1	0.1%
Livres sur les secret de la famille		1	0.1%
Mamara		1	0.1%

### C2A\_TOYS\_HANDMADE: C2. Does s/he play with: Homemade toys, such as stuffed dolls, cars, or other to

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065    Invalid: 41    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		152	14.3%
1		913	85.7%
Sysmiss		41	

### C2C\_TOYS\_BOUGHT: C2. Does s/he play with: Toys bought from a shop or manufactured toys (plastic t

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1058    Invalid: 48    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		411	38.8%
1		647	61.2%
Sysmiss		48	

### C2D\_HOUSEHOLD\_OBJECTS: C2. Does s/he play with: Household objects, such as bowls or pots?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1063   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		115	10.8%
1		948	89.2%
Sysmiss		43	

**C2E\_OUTSIDE\_OBJECTS: C2. Does s/he play with: Objects found outside, such as sticks, rocks, animal bo**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		78	7.3%
1		987	92.7%
Sysmiss		41	

**C2F\_DRAWING\_WRITING: C2. Does s/he play with: Materials for drawing or materials for writing?**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1047   Invalid: 59   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		718	68.6%

1		329	31.4%
Sysmiss		59	

## C2G\_PUZZLES: C2. Does s/he play with: Puzzles/brain teasers?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 997    Invalid: 109    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		962	96.5%
1		35	3.5%
Sysmiss		109	

## C2H\_GAMES\_COLOURSHAPE: C2. Does s/he play with: Toys that teach about colors, shapes, numbers or sizes?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1042    Invalid: 64    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		951	91.3%
1		91	8.7%
Sysmiss		64	

## C2I\_GAMES\_LETTERS: C2. Does s/he play with: Toys that teach about letters (such as alphabet games,

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1042    Invalid: 64    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		949	91.1%
1		93	8.9%
Sysmiss		64	

### C2J\_TOYS\_OTHER: C2. Does s/he play with: Others (specify)?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1017	95.5%
1		11	1%
9		37	3.5%
Sysmiss		41	

### C2J\_TOYS\_OTHERDESC: C2. Does s/he play with: Description of other types of toys

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 17   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1095	99%
Ballon		2	0.2%
Boîte de conserve		4	0.4%
Boîte vide		4	0.4%
Boites vides		1	0.1%

### C3A\_READ\_BOOKS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1025    Invalid: 81    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		666	65%
1		359	35%
Sysmiss		81	

### C3A\_READ\_BOOKS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 5    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		747	67.5%
1		25	2.3%
1 2		4	0.4%
1 2 7		3	0.3%
1 6		2	0.2%
1 6 7		2	0.2%
1 7		3	0.3%
2		25	2.3%
2 6		3	0.3%
2 6 7		1	0.1%
2 7		5	0.5%
4		4	0.4%

5		2	0.2%
6		54	4.9%
6 7		27	2.4%
7		199	18%

### C3B\_TOLD\_STORIES: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1043    Invalid: 63    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		427	40.9%
1		616	59.1%
Sysmiss		63	

### C3B\_TOLD\_STORIES\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 9    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		490	44.3%
1		92	8.3%
1 2		41	3.7%
1 2 4		15	1.4%
1 2 4 5		5	0.5%
1 2 4 6 7		1	0.1%
1 2 5		1	0.1%
1 2 6		3	0.3%



1 2 7		3	0.3%
1 4		15	1.4%
1 4 5		4	0.4%
1 4 6 7		1	0.1%
1 4 7		1	0.1%
1 5		3	0.3%
1 6		7	0.6%
1 6 7		3	0.3%
1 7		12	1.1%
2		45	4.1%
2 4		2	0.2%
2 4 5		2	0.2%
2 4 7		1	0.1%
2 6		5	0.5%
2 6 7		2	0.2%
2 7		4	0.4%
4		74	6.7%
4 5		32	2.9%
4 5 6		2	0.2%
4 5 6 7		1	0.1%
4 5 7		1	0.1%
4 6		4	0.4%
4 6 7		5	0.5%
4 7		9	0.8%
5		25	2.3%
5 6		2	0.2%
5 7		2	0.2%
6		57	5.2%
6 7		19	1.7%
7		115	10.4%

### C3C\_SONGS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1047   Invalid: 59   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		259	24.7%
1		788	75.3%
Sysmiss		59	

**C3C\_SONGS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		319	28.8%
1		150	13.6%
1 2		33	3%
1 2 4		14	1.3%
1 2 4 5		6	0.5%
1 2 4 5 6 7		1	0.1%
1 2 4 6		1	0.1%
1 2 5 6 7		1	0.1%
1 2 6		4	0.4%
1 2 6 7		2	0.2%
1 2 7		4	0.4%
1 4		46	4.2%
1 4 5		3	0.3%
1 4 6		1	0.1%
1 4 6 7		2	0.2%
1 4 7		7	0.6%
1 5		2	0.2%
1 6		15	1.4%
1 6 7		17	1.5%
1 7		48	4.3%

2		11	1%
2 4		1	0.1%
2 6		2	0.2%
2 6 7		1	0.1%
2 7		4	0.4%
4		70	6.3%
4 5		8	0.7%
4 6 7		2	0.2%
4 7		8	0.7%
5		8	0.7%
5 6 7		1	0.1%
5 7		1	0.1%
6		58	5.2%
6 7		29	2.6%
7		226	20.4%

### C3D\_OUTSIDE\_HOME: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		209	19.8%
1		846	80.2%
Sysmiss		51	

### C3D\_OUTSIDE\_HOME\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 9   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		260	23.5%
1		229	20.7%
1 2		57	5.2%
1 2 4		19	1.7%
1 2 4 5		3	0.3%
1 2 4 5 6		1	0.1%
1 2 4 5 7		2	0.2%
1 2 5		1	0.1%
1 2 5 6 7		2	0.2%
1 2 5 7		4	0.4%
1 2 6		2	0.2%
1 2 6 7		7	0.6%
1 2 7		32	2.9%
1 4		10	0.9%
1 4 5		4	0.4%
1 4 5 6		1	0.1%
1 4 5 6 7		1	0.1%
1 4 6		3	0.3%
1 4 6 7		1	0.1%
1 4 7		5	0.5%
1 5		3	0.3%
1 5 7		4	0.4%
1 6		10	0.9%
1 6 7		30	2.7%
1 7		95	8.6%
2		22	2%
2 4		2	0.2%
2 5		1	0.1%
2 5 7		2	0.2%
2 6		1	0.1%
2 6 7		2	0.2%
2 7		3	0.3%
4		23	2.1%
4 6		4	0.4%
4 6 7		1	0.1%

4 7		8	0.7%
5		4	0.4%
5 6		2	0.2%
5 7		1	0.1%
6		29	2.6%
6 7		23	2.1%
7		192	17.4%

### C3E\_PLAYED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1062    Invalid: 44    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		48	4.5%
1		1014	95.5%
Sysmiss		44	

### C3E\_PLAYED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		92	8.3%
1		57	5.2%
1 2		33	3%
1 2 4		5	0.5%
1 2 4 5		4	0.4%

1 2 4 5 6 7		2	0.2%
1 2 4 5 7		3	0.3%
1 2 4 6		1	0.1%
1 2 4 6 7		2	0.2%
1 2 4 7		4	0.4%
1 2 5		3	0.3%
1 2 5 7		2	0.2%
1 2 6 7		9	0.8%
1 2 7		23	2.1%
1 4		22	2%
1 4 5		4	0.4%
1 4 5 6		1	0.1%
1 4 5 7		6	0.5%
1 4 6		2	0.2%
1 4 6 7		1	0.1%
1 4 7		4	0.4%
1 5		2	0.2%
1 5 7		2	0.2%
1 6		2	0.2%
1 6 7		12	1.1%
1 7		45	4.1%
2		6	0.5%
2 4		1	0.1%
2 4 5 6		1	0.1%
2 5		1	0.1%
2 5 7		2	0.2%
2 6		1	0.1%
2 6 7		3	0.3%
2 7		3	0.3%
4		12	1.1%
4 5		9	0.8%
4 5 6		1	0.1%
4 5 6 7		5	0.5%
4 5 7		3	0.3%
4 6		1	0.1%
4 6 7		5	0.5%
4 7		18	1.6%
5		4	0.4%
5 6		1	0.1%

5 7		3	0.3%
6		18	1.6%
6 7		68	6.1%
7		597	54%

### C3F\_NAMED\_OBJECTS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1042   Invalid: 64   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		350	33.6%
1		692	66.4%
Sysmiss		64	

### C3F\_NAMED\_OBJECTS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		414	37.4%
1		125	11.3%
1 2		61	5.5%
1 2 4		24	2.2%
1 2 4 5		5	0.5%
1 2 4 5 6		1	0.1%
1 2 4 5 6 7		4	0.4%
1 2 4 5 7		1	0.1%

1 2 4 6		2	0.2%
1 2 4 6 7		3	0.3%
1 2 4 7		3	0.3%
1 2 5 6		1	0.1%
1 2 6		8	0.7%
1 2 6 7		10	0.9%
1 2 7		29	2.6%
1 4		8	0.7%
1 4 5		1	0.1%
1 4 6		3	0.3%
1 4 6 7		1	0.1%
1 4 7		2	0.2%
1 5		2	0.2%
1 6		13	1.2%
1 6 7		20	1.8%
1 7		33	3%
2		52	4.7%
2 4		3	0.3%
2 4 7		1	0.1%
2 5		2	0.2%
2 6		7	0.6%
2 6 7		2	0.2%
2 7		6	0.5%
4		27	2.4%
4 6		2	0.2%
4 7		5	0.5%
5		7	0.6%
5 6		1	0.1%
6		59	5.3%
6 7		21	1.9%
7		137	12.4%

### **C3G\_DRAWING: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

#### **Overview**

Valid: 1038   Invalid: 68   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		685	66%
1		353	34%
Sysmiss		68	

**C3G\_DRAWING\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		753	68.1%
1		29	2.6%
1 2		13	1.2%
1 2 4 7		1	0.1%
1 2 6 7		3	0.3%
1 2 7		4	0.4%
1 4		1	0.1%
1 5		1	0.1%
1 6		2	0.2%
1 6 7		1	0.1%
1 7		4	0.4%
2		20	1.8%
2 6		1	0.1%
2 6 7		2	0.2%
2 7		2	0.2%
4		8	0.7%
4 7		2	0.2%
5 6		1	0.1%
5 7		1	0.1%
6		43	3.9%

6 7		28	2.5%
7		186	16.8%

### C3H\_TEACH\_NEW: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1045    Invalid: 61    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		502	48%
1		543	52%
Sysmiss		61	

### C3H\_TEACH\_NEW\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		563	50.9%
1		69	6.2%
1 2		61	5.5%
1 2 4		23	2.1%
1 2 4 5		5	0.5%
1 2 4 5 6		1	0.1%
1 2 4 5 6 7		3	0.3%
1 2 4 6		1	0.1%
1 2 4 6 7		1	0.1%
1 2 4 7		1	0.1%

1 2 5		1	0.1%
1 2 6		7	0.6%
1 2 6 7		11	1%
1 2 7		14	1.3%
1 4		10	0.9%
1 4 5		3	0.3%
1 4 6		2	0.2%
1 4 7		1	0.1%
1 5		1	0.1%
1 5 6 7		1	0.1%
1 6		10	0.9%
1 6 7		17	1.5%
1 7		19	1.7%
2		43	3.9%
2 4		3	0.3%
2 4 5 6		1	0.1%
2 4 6		1	0.1%
2 5		2	0.2%
2 6		8	0.7%
2 7		8	0.7%
4		10	0.9%
4 6		3	0.3%
4 7		2	0.2%
5		8	0.7%
5 6		1	0.1%
5 7		1	0.1%
6		64	5.8%
6 7		22	2%
7		104	9.4%

### **C3I\_ALPHABET: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1044   Invalid: 62   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

CATEGORIES

Value	Category	Cases	
0		673	64.5%
1		371	35.5%
Sysmiss		62	

### C3I\_ALPHABET\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 5    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		736	66.5%
1		34	3.1%
1 2		11	1%
1 2 4		2	0.2%
1 2 6		2	0.2%
1 2 7		3	0.3%
1 4		1	0.1%
1 6		3	0.3%
1 6 7		5	0.5%
1 7		5	0.5%
2		38	3.4%
2 4		1	0.1%
2 6		2	0.2%
2 6 7		1	0.1%
2 7		10	0.9%
4		7	0.6%
4 5		1	0.1%
4 7		1	0.1%
5		4	0.4%
5 7		1	0.1%
6		72	6.5%
6 7		23	2.1%
7		143	12.9%

**C3J\_NUMBERS: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1049    Invalid: 57    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		502	47.9%
1		547	52.1%
Sysmiss		57	

**C3J\_NUMBERS\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

**Overview**

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		559	50.5%
1		67	6.1%
1 2		35	3.2%
1 2 4		11	1%
1 2 4 5		4	0.4%
1 2 4 5 6 7		1	0.1%
1 2 4 5 7		1	0.1%
1 2 4 6 7		1	0.1%
1 2 5 6		1	0.1%
1 2 6		2	0.2%
1 2 6 7		1	0.1%
1 2 7		11	1%
1 4		7	0.6%

1 4 5 6 7		1	0.1%
1 4 5 7		1	0.1%
1 4 6		1	0.1%
1 4 7		4	0.4%
1 6		8	0.7%
1 6 7		4	0.4%
1 7		22	2%
2		38	3.4%
2 4 5		1	0.1%
2 6		1	0.1%
2 6 7		1	0.1%
2 7		8	0.7%
4		17	1.5%
4 5		7	0.6%
4 5 6 7		1	0.1%
4 5 7		1	0.1%
4 7		2	0.2%
5		4	0.4%
5 6		1	0.1%
6		75	6.8%
6 7		31	2.8%
7		176	15.9%

### C3K\_HUGGED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1049   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		84	8%
1		965	92%
Sysmiss		57	

### C3K\_HUGGED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		141	12.7%
1		223	20.2%
1 2		158	14.3%
1 2 4		51	4.6%
1 2 4 5		24	2.2%
1 2 4 5 6		2	0.2%
1 2 4 5 6 7		7	0.6%
1 2 4 5 7		4	0.4%
1 2 4 6		3	0.3%
1 2 4 6 7		2	0.2%
1 2 4 7		6	0.5%
1 2 5		8	0.7%
1 2 5 6		1	0.1%
1 2 5 6 7		2	0.2%
1 2 6		32	2.9%
1 2 6 7		7	0.6%
1 2 7		32	2.9%
1 4		55	5%
1 4 5		10	0.9%
1 4 5 6 7		1	0.1%
1 4 5 7		1	0.1%
1 4 6		3	0.3%
1 4 6 7		2	0.2%
1 4 7		5	0.5%
1 5		2	0.2%
1 5 6 7		1	0.1%
1 5 7		2	0.2%
1 6		23	2.1%
1 6 7		16	1.4%

1 7		22	2%
2		38	3.4%
2 4		4	0.4%
2 4 5		2	0.2%
2 4 6		1	0.1%
2 5		2	0.2%
2 6		5	0.5%
2 7		2	0.2%
4		51	4.6%
4 5		11	1%
4 5 6		2	0.2%
4 5 6 7		1	0.1%
4 5 7		3	0.3%
4 6		3	0.3%
4 7		1	0.1%
5		8	0.7%
5 6		1	0.1%
6		44	4%
6 7		6	0.5%
7		75	6.8%

### C3L\_SPANKED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1056    Invalid: 50    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		101	9.6%
1		955	90.4%
Sysmiss		50	

### C3L\_SPANKED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 11    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		151	13.7%
1		243	22%
1 2		227	20.5%
1 2 4		22	2%
1 2 4 5		14	1.3%
1 2 4 5 6		2	0.2%
1 2 4 5 6 7		8	0.7%
1 2 4 6		4	0.4%
1 2 4 6 7		3	0.3%
1 2 4 7		3	0.3%
1 2 5		9	0.8%
1 2 6		46	4.2%
1 2 6 7		17	1.5%
1 2 7		32	2.9%
1 4		14	1.3%
1 4 5		3	0.3%
1 4 6		2	0.2%
1 4 7		2	0.2%
1 5		7	0.6%
1 6		29	2.6%
1 6 7		13	1.2%
1 7		15	1.4%
2		115	10.4%
2 4		4	0.4%
2 4 5		1	0.1%
2 4 6		2	0.2%
2 6		7	0.6%
2 6 7		1	0.1%
2 7		7	0.6%
4		17	1.5%
4 5		3	0.3%
4 6		1	0.1%

4 7		1	0.1%
5		3	0.3%
5 6		1	0.1%
6		52	4.7%
6 7		4	0.4%
7		21	1.9%

### C3M\_HIT: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1055   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		221	20.9%
1		834	79.1%
Sysmiss		51	

### C3M\_HIT\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		272	24.6%
1		149	13.5%
1 2		203	18.4%
1 2 4		24	2.2%
1 2 4 5		9	0.8%
1 2 4 5 6		2	0.2%
1 2 4 5 6 7		9	0.8%

1 2 4 5 7		2	0.2%
1 2 4 6		4	0.4%
1 2 4 7		5	0.5%
1 2 5		5	0.5%
1 2 5 6		2	0.2%
1 2 5 6 7		1	0.1%
1 2 6		49	4.4%
1 2 6 7		27	2.4%
1 2 7		45	4.1%
1 4		2	0.2%
1 4 5		2	0.2%
1 4 5 6		1	0.1%
1 4 6		1	0.1%
1 4 7		1	0.1%
1 5		3	0.3%
1 6		33	3%
1 6 7		13	1.2%
1 7		15	1.4%
2		125	11.3%
2 4		2	0.2%
2 4 6		4	0.4%
2 5		1	0.1%
2 5 7		1	0.1%
2 6		13	1.2%
2 6 7		4	0.4%
2 7		6	0.5%
4		6	0.5%
4 5		1	0.1%
4 6		3	0.3%
4 7		1	0.1%
5		1	0.1%
5 7		1	0.1%
6		36	3.3%
6 7		5	0.5%
7		17	1.5%

**C3N\_SHOUTED: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**  
**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1055   Invalid: 51   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		146	13.8%
1		909	86.2%
Sysmiss		51	

**C3N\_SHOUTED\_WHO: C3. In the past 7 days, did you, or another adult in the family or a schoolchild**

**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 11   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		197	17.8%
1		228	20.6%
1 2		224	20.3%
1 2 4		26	2.4%
1 2 4 5		12	1.1%
1 2 4 5 6		9	0.8%
1 2 4 5 6 7		13	1.2%
1 2 4 5 7		2	0.2%
1 2 4 6		2	0.2%
1 2 4 6 7		2	0.2%
1 2 4 7		3	0.3%
1 2 5		7	0.6%
1 2 5 6 7		1	0.1%
1 2 6		41	3.7%
1 2 6 7		26	2.4%
1 2 7		32	2.9%
1 4		10	0.9%

1 4 5		2	0.2%
1 4 6		2	0.2%
1 4 6 7		1	0.1%
1 5		3	0.3%
1 5 6		1	0.1%
1 6		19	1.7%
1 6 7		13	1.2%
1 7		14	1.3%
2		110	9.9%
2 4		1	0.1%
2 4 6		2	0.2%
2 5		2	0.2%
2 6		8	0.7%
2 6 7		2	0.2%
2 7		2	0.2%
4		12	1.1%
4 5		1	0.1%
4 5 6		1	0.1%
4 6		4	0.4%
5		3	0.3%
6		43	3.9%
6 7		11	1%
7		14	1.3%

## HHREAD\_SCORE: Number of different types of reading materials reported in home

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 929    Invalid: 177    Minimum: 0    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		297	32%
1		203	21.9%
2		140	15.1%
3		97	10.4%

4		75	8.1%
5		43	4.6%
6		38	4.1%
7		35	3.8%
8		1	0.1%
Sysmiss		177	

## HHTOYS\_SCORE: Number of different types of play items reported in home

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 973    Invalid: 133    Minimum: 0    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 8    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		14	1.4%
1		28	2.9%
2		101	10.4%
3		230	23.6%
4		361	37.1%
5		150	15.4%
6		44	4.5%
7		32	3.3%
8		13	1.3%
Sysmiss		133	

## HHTOTEDU\_SCORE: Total number of educational objects in home (reading materials and play items)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 875    Invalid: 231    Minimum: 0    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 15    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		12	1.4%
1		18	2.1%
2		47	5.4%
3		103	11.8%
4		170	19.4%
5		149	17%
6		94	10.7%
7		77	8.8%
8		62	7.1%
9		40	4.6%
10		31	3.5%
11		24	2.7%
12		20	2.3%
13		11	1.3%
14		11	1.3%
15		6	0.7%
Sysmiss		231	

### STIMULATION\_SCORE: Number of different types of adult-child interactions/activities reported in las

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 965    Invalid: 141    Minimum: 0    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 11    Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		17	1.8%
1		15	1.6%
2		34	3.5%
3		63	6.5%
4		72	7.5%
5		133	13.8%
6		112	11.6%
7		102	10.6%
8		111	11.5%

9		79	8.2%
10		108	11.2%
11		119	12.3%
Sysmiss		141	

## SCOLD\_SCORE: Number of different types of disciplinary actions reported in last seven days

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1048   Invalid: 58   Minimum: 0   Maximum: 3  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		76	7.3%
1		40	3.8%
2		154	14.7%
3		778	74.2%
Sysmiss		58	

## ECCDENROL: Child enrolled in ECD program

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1061   Invalid: 45   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		510	48.1%
1		551	51.9%
Sysmiss		45	

## D2\_ECD\_NOT\_ENROL\_WHY: D2. Why is your child not enrolled at preschool?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta



## Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 3    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		600	54.2%
0		102	9.2%
0 4		2	0.2%
0 5		1	0.1%
0 8		1	0.1%
0 9		1	0.1%
1		19	1.7%
2		102	9.2%
2 4		1	0.1%
2 8		1	0.1%
3		1	0.1%
4		40	3.6%
4 5		1	0.1%
4 8		1	0.1%
5		4	0.4%
6		63	5.7%
8		53	4.8%
8 9		1	0.1%
9		112	10.1%

**D2\_ECD\_NOT\_ENROL\_WHY\_OTHER: Description of any additional reasons given by parents for not enrolling child i**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106    Invalid:  
 Type: Continuous    Width: 94    Range: -    Format: character

**D4\_ECD\_HOW\_LONG: D4. How long has your child been in this preschool/program?**

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 551    Invalid: 555    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		128	23.2%
1		257	46.6%
2		158	28.7%
9		8	1.5%
Sysmiss		555	

## D6\_ECD\_DAYS: D6. In the last week, how many days did he/she go to ECCD?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 551    Invalid: 555    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		474	86%
2		66	12%
3		2	0.4%
4		9	1.6%
Sysmiss		555	

## E1\_ROOF: E1. What kind of roof does your house have?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1065    Invalid: 41    Minimum: 1    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		27	2.5%
2		49	4.6%
3		985	92.5%
4		2	0.2%
8		2	0.2%
Sysmiss		41	

## E1\_ROOF\_OTHER: Description of other types of roofing materials

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 15    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1104	99.8%
Feuille de tôle		1	0.1%
Tôle métallique		1	0.1%

## E2\_WALLS: E2. What kind of walls does your house have?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065    Invalid: 41    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		234	22%
2		770	72.3%
3		4	0.4%
6		41	3.8%
8		10	0.9%
9		6	0.6%

Sysmiss		41	
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## E2\_WALLS\_OTHER: Description of other types of wall materials

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:  
Type: Discrete Width: 15 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1096	99.1%
Nés pas entouré		1	0.1%
Pas de murs		8	0.7%
Pas de mûrs		1	0.1%

## E3\_FLOOR: E3. What kind of floor does your house have?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065 Invalid: 41 Minimum: 1 Maximum: 8  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		685	64.3%
2		376	35.3%
3		3	0.3%
8		1	0.1%
Sysmiss		41	

## E3\_FLOOR\_OTHER: Description of other types of flooring

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:

Type: Discrete    Width: 8    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		930	84.1%
.		175	15.8%
Cailloux		1	0.1%

## E4\_LIGHT: E4. What is the main source of lighting in your home?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1064    Invalid: 42    Minimum: 1    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.1%
2		25	2.3%
3		5	0.5%
4		11	1%
5		873	82%
6		7	0.7%
7		102	9.6%
8		40	3.8%
Sysmiss		42	

## E4\_LIGHT\_OTHER: Description of other types of lighting

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 39    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1066	96.4%
Ampoule pour batterie		1	0.1%
Batterie		37	3.3%
Batterie puis les ampoules chinoise		1	0.1%
La batterie puis les ampoules chinoises		1	0.1%

## RADIO: Does anyone in your household own the following... Radio?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		201	18.9%
1		863	81.1%
Sysmiss		42	

## TV: Does anyone in your household own the following... Television?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1063   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		476	44.8%
1		587	55.2%
Sysmiss		43	

## MOPED: Does anyone in your household own the following... Moped or motorbike?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1062   Invalid: 44   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		139	13.1%
1		923	86.9%
Sysmiss		44	

**CAR: Does anyone in your household own the following... Motor vehicle (tractor, car, lor**

**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1062   Invalid: 44   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		928	87.4%
1		134	12.6%
Sysmiss		44	

**PHONE: Does anyone in your household own the following... Mobile phone?**

**Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

## Overview

Valid: 1063   Invalid: 43   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		32	3%
1		1031	97%
Sysmiss		43	

**SOLAR: Does anyone in your household own the following... Solar panel?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1063    Invalid: 43    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		166	15.6%
1		897	84.4%
Sysmiss		43	

**COW: Does anyone in your household own the following... Cows (any number)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064    Invalid: 42    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		196	18.4%
1		868	81.6%
Sysmiss		42	

**GOAT: Does anyone in your household own the following... Goats and/or sheep (any number)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1059    Invalid: 47    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES



Value	Category	Cases	
0		158	14.9%
1		901	85.1%
Sysmiss		47	

### **HORSE: Does anyone in your household own the following... Horse?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		198	18.6%
1		867	81.4%
Sysmiss		41	

### **CART: Does anyone in your household own the following... Horse-drawn Cart?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		147	13.8%
1		917	86.2%
Sysmiss		42	

### **E6\_LIVELIHOOD: E6. What is the household's main source of livelihood?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1064   Invalid: 42   Minimum: 1   Maximum: 8

Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		982	92.3%
2		4	0.4%
3		18	1.7%
4		24	2.3%
5		21	2%
8		15	1.4%
Sysmiss		42	

## E6\_LIVELIHOOD\_OTHER: Description of other source of income

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
Type: Discrete    Width: 25    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1091	98.6%
Chauffeur		1	0.1%
Couture		1	0.1%
École coranique		1	0.1%
Elevage		2	0.2%
Forgeron		3	0.3%
L'élevage		1	0.1%
Marabout		2	0.2%
Moulin		1	0.1%
Son marie il est tailleur		1	0.1%
Tailleur		2	0.2%

## E7\_MUM\_PAIDWORK: E7. During the past 7 days, did the mother of the child do any kind of

**paid work****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		919	86.3%
1		128	12%
9		18	1.7%
Sysmiss		41	

**E8\_DAD\_PAIDWORK: E8. During the past7 days, did the father of the child do any kind of paid work?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		865	81.2%
1		175	16.4%
9		25	2.3%
Sysmiss		41	

**EMPLOY: Main source of revenue for family****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		982	92.3%
1		82	7.7%
Sysmiss		42	

## ROOF: Type of building materials used in construction of roof of family home

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		76	7.1%
1		989	92.9%
Sysmiss		41	

## WALLS: Type of building materials used in construction of walls of family home

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1059   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1014	95.8%
1		45	4.2%
Sysmiss		47	

**FLOOR: Type of building materials used for floor of family home****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		685	64.3%
1		380	35.7%
Sysmiss		41	

**LIGHT: Type of lighting used in home****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		184	17.3%
1		880	82.7%
Sysmiss		42	

**WEALTHINDEX: PCA score using data on household assets, house structure and paid work****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1042   Invalid: 64   Minimum: 0   Maximum: 3.34487533569336  
 Type: Continuous   Decimal: 0   Width: 18   Range: 0 - 3.34487533569336   Format: Numeric

**WEALTH5CAT: Overall wealth index divided into five quintiles****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1042   Invalid: 64   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		182	17.5%
1		208	20%
2		218	20.9%
3		68	6.5%
4		366	35.1%
Sysmiss		64	

## WEALTH2CAT: Binary grouping to identify the poorest households (two lowest quintiles vs rest)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1042   Invalid: 64   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		390	37.4%
1		652	62.6%
Sysmiss		64	

## ASSETSINDEX: PCA score using data on household assets only

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1051   Invalid: 55   Minimum: 0   Maximum: 2.72523880004883  
 Type: Continuous   Decimal: 0   Width: 17   Range: 0 - 2.72523880004883   Format: Numeric

## ASSETS5CAT: Household assets index divided into five quintiles

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1051   Invalid: 55   Minimum: 0   Maximum: 4  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 4   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		185	17.6%
1		226	21.5%
2		215	20.5%
3		15	1.4%
4		410	39%
Sysmiss		55	

## MEALSDAY: Number of meals/snacks eaten per day

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1065   Invalid: 41   Minimum: 1   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 5   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		4	0.4%
2		34	3.2%
3		339	31.8%
4		347	32.6%
5		341	32%
Sysmiss		41	

## GRAINS: Did your child eat any of the following foods yesterday... Grains: millet, sorghum

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1059   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		7	0.7%
1		1052	99.3%
Sysmiss		47	

**ROOTS: Did your child eat any of the following foods yesterday... Roots: cassava, potato,**

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1054   Invalid: 52   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		804	76.3%
1		250	23.7%
Sysmiss		52	

**BEANSNUTS: Did your child eat any of the following foods yesterday... Beans and nuts (arachid**

**Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**

### Overview

Valid: 1051   Invalid: 55   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		372	35.4%
1		679	64.6%
Sysmiss		55	



**OTHEREVEG: Did your child eat any of the following foods yesterday... Other vegetables?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 801    Invalid: 305    Minimum: 0

Type: Discrete    Decimal: 0    Width: 1    Range: 0 -    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		801	100%
Sysmiss		305	

**FRUIT: Did your child eat any of the following foods yesterday... Fruit?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1060    Invalid: 46    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		38	3.6%
1		1022	96.4%
Sysmiss		46	

**MEATFISH: Did your child eat any of the following foods yesterday... Meat, Poultry, or Fish?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1056    Invalid: 50    Minimum: 0    Maximum: 1

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		290	27.5%
1		766	72.5%

Sysmiss		50	
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### **MILK: Did your child eat any of the following foods yesterday... Milk?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1053   Invalid: 53   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		681	64.7%
1		372	35.3%
Sysmiss		53	

### **EGGS: Did your child eat any of the following foods yesterday... Eggs?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1049   Invalid: 57   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		857	81.7%
1		192	18.3%
Sysmiss		57	

### **PALMOIL: Did your child eat any of the following foods yesterday... Palm oil?**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### **Overview**

Valid: 1060   Invalid: 46   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		933	88%
1		127	12%
Sysmiss		46	

## OTHEROIL: Did your child eat any of the following foods yesterday... Other oils and fats?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1062   Invalid: 44   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		58	5.5%
1		1004	94.5%
Sysmiss		44	

## LIMITDIET: Dietary diversity limited by lack of resources

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1046   Invalid: 60   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		672	64.2%
1		374	35.8%
Sysmiss		60	

**HUNGRY: Amount of food limited by lack of resources****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1059   Invalid: 47   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		996	94.1%
1		63	5.9%
Sysmiss		47	

**FG3\_WASH\_HANDS1: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1065   Invalid: 41   Minimum: 1   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 1 - 9   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		332	31.2%
2		7	0.7%
3		28	2.6%
4		1	0.1%
5		5	0.5%
6		670	62.9%
8		7	0.7%
9		15	1.4%
Sysmiss		41	

**FG3\_WASH\_HANDS2: G3. When do you usually wash your hands? Are there any other times?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 878   Invalid: 228   Minimum: 2   Maximum: 8

Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		386	44%
3		41	4.7%
4		37	4.2%
5		111	12.6%
6		296	33.7%
8		7	0.8%
Sysmiss		228	

### FG3\_WASH\_HANDS3: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 528    Invalid: 578    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		188	35.6%
4		66	12.5%
5		217	41.1%
6		38	7.2%
8		18	3.4%
9		1	0.2%
Sysmiss		578	

### FG3\_WASH\_HANDS4: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 248    Invalid: 858    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		30	12.1%
4		59	23.8%
5		156	62.9%
8		2	0.8%
9		1	0.4%
Sysmiss		858	

### FG3\_WASH\_HANDS5: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 80   Invalid: 1026   Minimum: 4   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		21	26.3%
5		57	71.3%
8		2	2.5%
Sysmiss		1026	

### FG3\_WASH\_HANDS6: G3. When do you usually wash your hands? Are there any other times?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 16   Invalid: 1090   Minimum: 5   Maximum: 8  
 Type: Discrete   Decimal: 0   Width: 1   Range: 5 - 8   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		13	81.3%
8		3	18.8%

Sysmiss		1090	
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### FG3\_WASH\_HANDS\_OTHER: Description of other times hands are washed

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
Type: Discrete    Width: 45    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1067	96.5%
Après chaque travail		1	0.1%
Après avoir laver les assiettes et la lessive		1	0.1%
Après avoir quitter au champ ou en ville		1	0.1%
Après chaque activité		2	0.2%
Après chaque travail		2	0.2%
Après les champs		1	0.1%
Après les sorties en brousse		1	0.1%
Après les sorties en ville		1	0.1%
Après les travaux		1	0.1%
Après les travaux aux champs		2	0.2%
Après les travaux champêtre		2	0.2%
Après tous les travaux		1	0.1%
Après toutes sorte de travaux		1	0.1%
Après un travail		5	0.5%
Au moment des ablutions		1	0.1%
Au retour de la ville		1	0.1%
Au réveil matinal		1	0.1%
Avant de donner à manger.		1	0.1%
Avant la prière		1	0.1%
Faire des abulitions		1	0.1%
Il né fait pas		1	0.1%
Les mains sales		1	0.1%
Les moments de priere		1	0.1%
Lors de la toilette		1	0.1%
Matin. et soir		1	0.1%

On veut pas		1	0.1%
Pdt les prieres		1	0.1%
Pdt les prieres		3	0.3%
Travaux champ		1	0.1%

## ATTENDINFO: Parent attended at least one information session for parents

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1010   Invalid: 96   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		575	56.9%
1		435	43.1%
Sysmiss		96	

## FN12A\_LEARN4: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 435   Invalid: 671   Minimum: 1   Maximum: 10  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 10   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		363	83.4%
2		7	1.6%
3		9	2.1%
4		16	3.7%
5		5	1.1%
6		2	0.5%
7		1	0.2%
8		5	1.1%



9		24	5.5%
10		3	0.7%
Sysmiss		671	

### FN12A\_LEARN5: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 378    Invalid: 728    Minimum: 2    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		46	12.2%
3		109	28.8%
4		151	39.9%
5		35	9.3%
6		10	2.6%
7		4	1.1%
8		5	1.3%
9		6	1.6%
10		8	2.1%
11		4	1.1%
Sysmiss		728	

### FN12A\_LEARN6: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 328    Invalid: 778    Minimum: 3    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 3 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		33	10.1%

4		68	20.7%
5		103	31.4%
6		51	15.5%
7		9	2.7%
8		6	1.8%
9		3	0.9%
10		46	14%
11		9	2.7%
Sysmiss		778	

### FN12A\_LEARN7: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 58 Invalid: 1048 Minimum: 4 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 4 - 11 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
4		13	22.4%
5		8	13.8%
6		13	22.4%
7		2	3.4%
10		14	24.1%
11		8	13.8%
Sysmiss		1048	

### FN12A\_LEARN8: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 13 Invalid: 1093 Minimum: 5 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 10 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		4	30.8%
6		4	30.8%
7		1	7.7%
10		4	30.8%
Sysmiss		1093	

### FN12A\_LEARN9: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 5    Invalid: 1101    Minimum: 6    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 6 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
6		2	40%
10		2	40%
11		1	20%
Sysmiss		1101	

### FN12A\_LEARN10: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1    Invalid: 1105    Minimum: 11    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
11		1	100%
Sysmiss		1105	

## FN12A\_LEARN11: N13(A). What were the three most important things you learnt during those sessio

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: Invalid: 1106 Maximum: \*  
Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category
Sysmiss	

## FN12A\_LEARN3\_OTHER: Description of other things learnt in sessions

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:  
Type: Discrete Width: 37 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1090	98.6%
Allaitement des enfants		1	0.1%
C est tout ce qu il a retenu		1	0.1%
Education des enfants		1	0.1%
Espacement de naissance des enfants.		1	0.1%
Espacement des enfants.		1	0.1%
J ai oublié		1	0.1%
L' éducation		1	0.1%
L' éducation des enfants		1	0.1%
La santé infantile		1	0.1%
La scolarisation		1	0.1%
La vaccination des enfants		1	0.1%
Lutte contre l'exclusion		1	0.1%
Méthode de contraception		1	0.1%
Scolarisation des enfants		2	0.2%
Utiliser les moustiquaires		1	0.1%

### FN13\_LEARN\_SAME\_VILL: N13. Have you ever shared or discussed what you learnt with anyone else living i

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1063    Invalid: 43    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		673	63.3%
1		331	31.1%
9		59	5.6%
Sysmiss		43	

### FN14\_LEARN\_DIFF\_VILL: N14. Have you ever shared or discussed what you learnt with anyone else in livin

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1061    Invalid: 45    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		828	78%
1		170	16%
9		63	5.9%
Sysmiss		45	

### FG5\_MNP\_2016: G5. Have you ever added these sachets to your child's food?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1017    Invalid: 89    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		498	49%
1		519	51%
Sysmiss		89	

**FG6\_MNP\_2016\_FREQ: G6. On how many days in the last 7 days, were these sachets added to your child'**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
Type: Discrete    Width: 2    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		587	53.1%
0		16	1.4%
1		385	34.8%
1a		31	2.8%
2		63	5.7%
3		6	0.5%
9		18	1.6%

**FG7\_NO\_MNP\_REASONS1: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 519    Invalid: 587    Minimum: 0    Maximum: 13  
Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		317	61.1%
1		13	2.5%
2		17	3.3%
3		12	2.3%
4		83	16%
5		42	8.1%
7		4	0.8%
8		9	1.7%
9		17	3.3%
10		1	0.2%
13		4	0.8%
Sysmiss		587	

**FG7\_NO\_MNP\_REASONS2: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 32   Invalid: 1074   Minimum: 1   Maximum: 14  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 14   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		10	31.3%
2		3	9.4%
3		1	3.1%
4		7	21.9%
5		7	21.9%
6		1	3.1%
8		1	3.1%
9		1	3.1%
14		1	3.1%
Sysmiss		1074	

**FG7\_NO\_MNP\_REASONS3: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 12   Invalid: 1094   Minimum: 2   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 2 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		7	58.3%
4		2	16.7%
5		2	16.7%
9		1	8.3%
Sysmiss		1094	

**FG7\_NO\_MNP\_REASONS4: G7. The days when the sachet was not added to your child's food, what were the r**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1   Invalid: 1105   Minimum: 5   Maximum: 5  
 Type: Discrete   Decimal: 0   Width: 1   Range: 5 - 5   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		1	100%
Sysmiss		1105	

**FG7\_NO\_MNP\_REASONS\_OTHER: Description of other reason for not using MNPs**

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106   Invalid:  
 Type: Discrete   Width: 37   Range: -   Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1096	99.1%



L'odeur gênait l'enfant		1	0.1%
L âge de l'enfant est dépassé		1	0.1%
La maman avait voyagé pour un jour		1	0.1%
La mère était en déplacement		1	0.1%
Le jour où on a pas fait bouillie		1	0.1%
Les enfants n'aiment pas mangé ça.		1	0.1%
Manque de MNP		2	0.2%
Oublié		1	0.1%
Pas eu de temps		1	0.1%

### FN15\_MNP\_CHILD\_LIKE: N15. Does your child like to eat the food with the sachet added?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 519    Invalid: 587    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		21	4%
1		491	94.6%
9		7	1.3%
Sysmiss		587	

### FG8\_MNP\_FOODTYPE1: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 519    Invalid: 587    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		487	93.8%
2		7	1.3%
3		3	0.6%

4		1	0.2%
8		7	1.3%
9		14	2.7%
Sysmiss		587	

### FG8\_MNP\_FOODTYPE2: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 182    Invalid: 924    Minimum: 2    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 8    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		20	11%
3		45	24.7%
4		41	22.5%
5		4	2.2%
8		72	39.6%
Sysmiss		924	

### FG8\_MNP\_FOODTYPE3: G8. To what kind of food/type of meals do you add the MNPs to?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 18    Invalid: 1088    Minimum: 3    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 8    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
3		3	16.7%
4		2	11.1%
8		13	72.2%
Sysmiss		1088	

**FG8\_MNP\_FOODTYPE4: G8. To what kind of food/type of meals do you add the MNPs to?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: Invalid: 1106 Maximum: \*

Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**FG8\_MNP\_FOODTYPE\_OTHER: Description of other foods MNPs were added to****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106 Invalid:

Type: Discrete Width: 67 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1014	91.7%
Banane		1	0.1%
Cafe		4	0.4%
Café		14	1.3%
Café , sauces		1	0.1%
Café ou soupe		1	0.1%
Café, riz gras		1	0.1%
Couscous		1	0.1%
Couscous et lait		1	0.1%
Des œufs		1	0.1%
Haricot spagette		1	0.1%
Haricot, tubercules		1	0.1%
La purée de l'harigot		1	0.1%
La purée de pomme de terre		1	0.1%
La soupe		1	0.1%
Lait		1	0.1%
Le riz, la soupe		1	0.1%

Le riz, la soupe de poisson ou viande et de la pomme de terre purée		1	0.1%
Macaroni		1	0.1%
Papaye		2	0.2%
Papaye , mangue		1	0.1%
Pomme de terre		1	0.1%
Pomme de terre		7	0.6%
Pomme de terre, riz		1	0.1%
Pomme de terre.		1	0.1%
Purée de pomme de terre		1	0.1%
Riz		9	0.8%
Riz pommes de terre patate		1	0.1%
Riz sauce		1	0.1%
Riz tubercule		1	0.1%
Riz, pomme de terre		2	0.2%
Riz, spaghettis		1	0.1%
Sauce		13	1.2%
Sauce à base de feuilles de baobab		1	0.1%
Sauce du riz		2	0.2%
Sauce et café		1	0.1%
Sauce et pomme de terre purée		1	0.1%
Sauce pomme de terre		1	0.1%
Sose		1	0.1%
Soupe		6	0.5%
Spagette riz		1	0.1%
Spaghetti		1	0.1%
Tout aliment. lourd		1	0.1%

## FG10\_NOMNP\_FOODTYPE1: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 519    Invalid: 587    Minimum: 1    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		220	42.4%

2		61	11.8%
3		81	15.6%
4		9	1.7%
8		17	3.3%
9		131	25.2%
Sysmiss		587	

## FG10\_NOMNP\_FOODTYPE2: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 173    Invalid: 933    Minimum: 2    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		63	36.4%
3		79	45.7%
4		7	4%
8		20	11.6%
9		4	2.3%
Sysmiss		933	

## FG10\_NOMNP\_FOODTYPE3: G10. To what kind of foods should the MNPs NOT be added to?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 21    Invalid: 1085    Minimum: 3    Maximum: 8  
 Type: Discrete    Decimal: 0    Width: 1    Range: 3 - 8    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
3		20	95.2%
8		1	4.8%
Sysmiss		1085	

**FG10\_NOMNP\_FOODTYPE4: G10. To what kind of foods should the MNPs NOT be added to?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: Invalid: 1106 Maximum: \*

Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**FG10\_NOMNP\_FOODTYPE\_OTHER: Description of other foods that should not be used to give MNPs****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106 Invalid:

Type: Discrete Width: 22 Range: - Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		1068	96.6%
Aliments avec sauce		1	0.1%
Arachide		1	0.1%
Café		16	1.4%
Café soupe		1	0.1%
Café, sauce gombo		1	0.1%
Crème		1	0.1%
Dans tout les aliments		1	0.1%
Eaux		1	0.1%
Gombo		1	0.1%
Le lait la crème		1	0.1%
Repas frais		1	0.1%
Repas huilé		1	0.1%
Riz		8	0.7%
Sauce		1	0.1%

Sauce gluant,		1	0.1%
Sauce gombo, café		1	0.1%

### FG11\_MNP\_DIFFICULT: G11. On the whole, do you think that giving your child the MNPs was difficult to

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 517    Invalid: 589    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		476	92.1%
2		12	2.3%
3		5	1%
4		24	4.6%
Sysmiss		589	

### FG12\_MNP\_CHILD\_CHANGED: G12. Have you noticed any changes in your child since you began giving him/her M

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 519    Invalid: 587    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		25	4.8%
1		478	92.1%
9		16	3.1%
Sysmiss		587	

### FG12A\_MNP\_CHANGES1: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 477    Invalid: 629    Minimum: 0    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		25	5.2%
1		247	51.8%
2		116	24.3%
3		8	1.7%
4		36	7.5%
5		1	0.2%
8		7	1.5%
9		8	1.7%
10		2	0.4%
11		14	2.9%
12		9	1.9%
13		4	0.8%
Sysmiss		629	

## FG12A\_MNP\_CHANGES2: 12(A). What changes have you noticed?

Data file: dataset\_cogsraparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 285    Invalid: 821    Minimum: 1    Maximum: 13  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 13    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		5	1.8%
2		189	66.3%
3		19	6.7%
4		53	18.6%
5		7	2.5%
8		3	1.1%
10		2	0.7%



11		2	0.7%
12		2	0.7%
13		3	1.1%
Sysmiss		821	

### FG12A\_MNP\_CHANGES3: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 120    Invalid: 986    Minimum: 1    Maximum: 11  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 11    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.8%
2		6	5%
3		46	38.3%
4		57	47.5%
5		6	5%
8		2	1.7%
9		1	0.8%
11		1	0.8%
Sysmiss		986	

### FG12A\_MNP\_CHANGES4: 12(A). What changes have you noticed?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 45    Invalid: 1061    Minimum: 2    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 2 - 5    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		1	2.2%
3		2	4.4%
4		41	91.1%

5		1	2.2%
Sysmiss		1061	

### FG12A\_MNP\_CHANGES5: 12(A). What changes have you noticed?

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 7    Invalid: 1099    Minimum: 4    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 5    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
4		2	28.6%
5		5	71.4%
Sysmiss		1099	

### FG12A\_MNP\_CHANGES\_OTHER: Description of other changes seen in child

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 38    Range: -    Format: character

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
		1094	98.9%
A. pris du poids		1	0.1%
Changement de teint		1	0.1%
Changement de teint		1	0.1%
Enfant a grossi		1	0.1%
G n es rien remarquer		1	0.1%
Il grossit		1	0.1%
L'enfant n'a précis pas l'odeur du MNP		1	0.1%
L enfant entrain de grossir		1	0.1%
Le corps de l'enfant a changé		1	0.1%
Luisant		2	0.2%

Plus de maux de vende		1	0.1%
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### FG13B\_MNP\_TREATMENT: 13(B). Did you need to take the child for medical treatment at CSCom or elsewhere

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 53    Invalid: 1053    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		16	30.2%
1		36	67.9%
9		1	1.9%
Sysmiss		1053	

### FG14\_MNP\_AGAIN: G14. Do you want to give your child MNPs again, when the distribution starts aga

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 518    Invalid: 588    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		4	0.8%
1		509	98.3%
9		5	1%
Sysmiss		588	

### MNPADD: Did child ever receive MNPs?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1017   Invalid: 89   Minimum: 0   Maximum: 1  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		498	49%
1		519	51%
Sysmiss		89	

## MNP\_DAYS: How many times per week did child receive MNPs

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 983   Invalid: 123   Minimum: 0   Maximum: 7  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 7   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		498	50.7%
1		6	0.6%
2		63	6.4%
4		31	3.2%
7		385	39.2%
Sysmiss		123	

## GF5\_NET\_USE: F5. Does your child sleep usually under a bed net?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1065   Invalid: 41   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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0		63	5.9%
1		999	93.8%
9		3	0.3%
Sysmiss		41	

### GF6\_NET\_LASTNIGHT: F6. Did your child sleep under a bed net last night?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 998    Invalid: 108    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		30	3%
1		961	96.3%
9		7	0.7%
Sysmiss		108	

### SMC: Child received SMC (seasonal malaria chemoprevention) during last rainy season

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1033    Invalid: 73    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		53	5.1%
1		980	94.9%
Sysmiss		73	

### GF8A\_SMC\_2015\_FREQ: F8(A). How many times did the child receive the tablets?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 980    Invalid: 126    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3	0.3%
1		177	18.1%
2		496	50.6%
3		208	21.2%
8		31	3.2%
9		65	6.6%
Sysmiss		126	

## GF8A\_SMC\_2015\_FREQ\_OTHER: Description of other frequency of SMC

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

## Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 15    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		1075	97.2%
1/an		5	0.5%
2/an		5	0.5%
2/ans		1	0.1%
3/an		7	0.6%
4		1	0.1%
4 fois		2	0.2%
4/an		2	0.2%
4fois		4	0.4%
5/an		2	0.2%
9fois		1	0.1%
Plusieurs fois		1	0.1%

## GN16\_SMC\_EFFECTCHILD: N16. Do you think the tablets have a good effect or a bad effect on your child's

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1065    Invalid: 41    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		980	92%
1		10	0.9%
2		14	1.3%
9		61	5.7%
Sysmiss		41	

## GN16A\_SMC\_BAD\_EFFECT: N16(A). What bad effects have you noticed?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 84    Range: -    Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1082	97.8%
Démangeaisons		1	0.1%
Diarhée		1	0.1%
Diarrhée		2	0.2%
Diarrhée, vomissement		1	0.1%
Fie vre		1	0.1%
Fièvre		2	0.2%
Fièvre ,malaise		1	0.1%
Fièvres, toux		1	0.1%
L'enfant a vomit lorsqu'il a pris le comprimé		1	0.1%
L'enfant a vomit mais après ça allé		1	0.1%
L'enfant devient malade		1	0.1%

L'enfant vomissait et il ne se sentait pas trop bien mais il n'a pas été à l'hôpital		1	0.1%
Ne peut pas décrire.		1	0.1%
Palu. Simple		1	0.1%
Vomir, diarrhées		1	0.1%
Vomissement		2	0.2%
Vomissements		3	0.3%
Vomissements diarrhée		1	0.1%
Vomissements et œdème généralisé		1	0.1%

### GF14\_SMC\_AGAIN: F14. Do you want your child to receive the tablets when the malaria treatment st

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1065 Invalid: 41 Minimum: 0 Maximum: 9  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		8	0.8%
1		1049	98.5%
9		8	0.8%
Sysmiss		41	

### ITN\_LASTNIGHT: Use of mosquito net

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1062 Invalid: 44 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		101	9.5%
1		961	90.5%
Sysmiss		44	



**HF3\_SICK\_2WKS: F3. Has your child been sick at any time in the last two weeks?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1063    Invalid: 43    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		920	86.5%
1		141	13.3%
9		2	0.2%
Sysmiss		43	

**HF3A\_SICK\_DESCRIBE: 3(A). Describe your child's illness(es)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1106    Invalid:  
 Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
		966	87.3%
1		43	3.9%
1 2		8	0.7%
1 2 3		1	0.1%
1 2 4		1	0.1%
1 3		1	0.1%
1 4		1	0.1%
1 5		1	0.1%
1 7		1	0.1%
1 8		1	0.1%
2		29	2.6%
2 3		2	0.2%

2 3 4		1	0.1%
2 3 8		1	0.1%
2 4		1	0.1%
2 4 6		1	0.1%
2 6 9		1	0.1%
2 8		2	0.2%
3		15	1.4%
4		1	0.1%
5		1	0.1%
6		3	0.3%
6 8		1	0.1%
7		6	0.5%
8		14	1.3%
9		3	0.3%

### HF3A\_SICK\_DESCRIBE\_OTHER: Description of other illness that child experienced

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 27    Range: -    Format: character

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		1087	98.3%
Abcès		1	0.1%
Blessure		1	0.1%
Boutons allergiques		1	0.1%
Cephalees		1	0.1%
Céphalées		1	0.1%
Dent		1	0.1%
Enflément du corp du ventre		1	0.1%
Entorse		1	0.1%
Éruption cutanée		1	0.1%
La rhume		1	0.1%
Mail de ventre		1	0.1%
Maux d'oreilles		1	0.1%

Maux de tete		1	0.1%
Maux de tête		3	0.3%
Rhume		3	0.3%

## HH1\_PLAY: H1. In the last 7 days, how often has your child been well enough to play with o

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		56	5.3%
1		35	3.3%
2		122	11.5%
3		849	79.8%
9		2	0.2%
Sysmiss		42	

## HH2\_SLEEP: H2. In the last 7 days, how well has your child been sleeping?

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1064   Invalid: 42   Minimum: 0   Maximum: 9  
 Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 9   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		9	0.8%
1		16	1.5%
2		104	9.8%
3		933	87.7%
9		2	0.2%
Sysmiss		42	

**HH3\_ACTIVE: H3. In the last 7 days, how often has your child been active/energetic?****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1064    Invalid: 42    Minimum: 0    Maximum: 9  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		9	0.8%
1		36	3.4%
2		148	13.9%
3		870	81.8%
9		1	0.1%
Sysmiss		42	

**HAD\_PARENT\_2016: Derived variable which confirms that a parent interview was completed in 2016****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 1066    Invalid: 40    Minimum: 1    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1066	100%
Sysmiss		40	

**AT\_LEAST\_ONE\_SURVEY2014: Derived variable which confirms that child was included in one or more of the cr****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 887    Invalid: 219    Minimum: 1    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		887	100%
Sysmiss		219	

### **DATESURVEY\_BIOMED: Survey date**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 983    Invalid: 123  
 Type: Discrete    Width: 10    Range: -    Format: date

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2016-07-22		17	1.5%
2016-07-23		54	4.9%
2016-07-24		63	5.7%
2016-07-25		93	8.4%
2016-07-26		95	8.6%
2016-07-27		42	3.8%
2016-07-28		82	7.4%
2016-07-29		86	7.8%
2016-07-30		98	8.9%
2016-07-31		103	9.3%
2016-08-01		112	10.1%
2016-08-02		86	7.8%
2016-08-03		52	4.7%
		123	11.1%

### **AGESURVEY\_BIOMED: Age in years on date of survey 2016**

**Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 982    Invalid: 124    Minimum: 4.22587251663208    Maximum: 7.73990440368652  
 Type: Continuous    Decimal: 2    Width: 4    Range: 4.22587251663208 - 7.73990440368652    Format: Numeric

**AGEDAYS\_BIOMED: Age in days on date of survey 2016****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 982    Invalid: 124    Minimum: 1543.49987792969    Maximum: 2827  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1543.49987792969 - 2827    Format: Numeric

**HAEMOGLOBIN: Haemoglobin concentration in g/dL****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 5.9    Maximum: 14.4  
 Type: Continuous    Decimal: 0    Width: 5    Range: 5.9 - 14.4    Format: Numeric

**FERRITIN: Serum ferritin measurement****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 969    Invalid: 137    Minimum: 7.38    Maximum: 965.46  
 Type: Continuous    Decimal: 2    Width: 6    Range: 7.38 - 965.46    Format: Numeric

**LOGFERRITIN: Natural log of serum ferritin measurement****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 969    Invalid: 137    Minimum: 1.99877369403839    Maximum: 6.87260484695435  
 Type: Continuous    Decimal: 2    Width: 4    Range: 1.99877369403839 - 6.87260484695435    Format: Numeric

**ANAEMIA: Anaemia, defined as child with Hb <11.0 g/dL****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		461	46.9%

1		522	53.1%
Sysmiss		123	

### MODSEVEREANAEMIA: Moderate-to-severe anaemia, defined as child with Hb <10.0 g/dL

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 983    Invalid: 123    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		759	77.2%
1		224	22.8%
Sysmiss		123	

### SEVEREANAEMIA: Severe anaemia, defined as Hb <8.0 g/dL

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 983    Invalid: 123    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		952	96.8%
1		31	3.2%
Sysmiss		123	

### MALARIA: Infected with malaria parasites (any species)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 980    Invalid: 126    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		614	62.7%
1		366	37.3%
Sysmiss		126	

### MALARIARESULT: Malaria parasitology

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 1106    Invalid:  
 Type: Discrete    Width: 7    Range: -    Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
		126	11.4%
Negatif		614	55.5%
Positif		366	33.1%

### SPECIES: Malaria parasite species

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 980    Invalid: 126    Minimum: 0    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 5    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	None	613	62.6%
1	P. falciparum	354	36.1%
2	P. malariae	3	0.3%
3	P. ovale	3	0.3%
4	P. falciparum + P. malariae	6	0.6%
5	P. falciparum + P. ovale	1	0.1%



Sysmiss		126	
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## MALARIASPECIES: Espece

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 1106 Invalid:  
Type: Discrete Width: 25 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
		739	66.8%
P. falciparum		354	32%
P. falciparum+P. malariae		6	0.5%
P. falciparum+P. ovale		1	0.1%
P. malariae		3	0.3%
P. ovale		3	0.3%

## DENSITY: Malaria parasite density (trophozoite count)

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 980 Invalid: 126 Minimum: 0 Maximum: 356979.957356077  
Type: Continuous Decimal: 2 Width: 9 Range: 0 - 356979.957356077 Format: Numeric

## GAMETOCYTES: Malaria gametocyte count

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 980 Invalid: 126 Minimum: 0 Maximum: 222  
Type: Discrete Decimal: 0 Width: 4 Range: 0 - 222 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		808	82.4%
0.5		13	1.3%

1		24	2.4%
1.5		20	2%
2		26	2.7%
2.5		5	0.5%
3		10	1%
3.5		7	0.7%
4		5	0.5%
4.5		4	0.4%
5		7	0.7%
5.5		3	0.3%
6		2	0.2%
6.5		5	0.5%
7		3	0.3%
7.5		1	0.1%
8		2	0.2%
10		1	0.1%
10.5		2	0.2%
11		1	0.1%
11.5		2	0.2%
12		1	0.1%
13		1	0.1%
14.5		2	0.2%
15.5		3	0.3%
16		1	0.1%
16.5		1	0.1%
17		2	0.2%
17.5		2	0.2%
18		1	0.1%
19		2	0.2%
19.5		1	0.1%
22		1	0.1%
22.5		1	0.1%
26		2	0.2%
27.5		1	0.1%
28		2	0.2%
32.5		1	0.1%
34		1	0.1%
40		1	0.1%
54		1	0.1%

222		1	0.1%
Sysmiss		126	

### LOGDENSITY: Natural log of malaria parasite density

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 300 Invalid: 806 Minimum: 2.76069521903992 Maximum: 12.7854347229004  
 Type: Continuous Decimal: 2 Width: 5 Range: 2.76069521903992 - 12.7854347229004 Format: Numeric

### LOGGAMETO: Natural log of malaria gametocyte count

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

#### Overview

Valid: 172 Invalid: 934 Minimum: -0.6931471824646 Maximum: 5.40267753601074  
 Type: Discrete Decimal: 2 Width: 17 Range: -0.6931471824646 - 5.40267753601074 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-0.6931471824646		13	7.6%
0		24	14%
0.405465096235275		20	11.6%
0.6931471824646		26	15.1%
0.916290760040283		5	2.9%
1.0986123085022		10	5.8%
1.25276291370392		7	4.1%
1.3862943649292		5	2.9%
1.50407743453979		4	2.3%
1.60943794250488		7	4.1%
1.70474803447723		3	1.7%
1.7917594909668		2	1.2%
1.8718022108078		5	2.9%
1.94591009616852		3	1.7%
2.01490306854248		1	0.6%
2.0794415473938		2	1.2%
2.30258512496948		1	0.6%
2.35137534141541		2	1.2%
2.39789533615112		1	0.6%

2.44234704971313		2	1.2%
2.4849066734314		1	0.6%
2.56494927406311		1	0.6%
2.67414855957031		2	1.2%
2.74083995819092		3	1.7%
2.7725887298584		1	0.6%
2.80336046218872		1	0.6%
2.83321332931519		2	1.2%
2.86220097541809		2	1.2%
2.89037179946899		1	0.6%
2.94443893432617		2	1.2%
2.97041440010071		1	0.6%
3.09104251861572		1	0.6%
3.11351537704468		1	0.6%
3.25809645652771		2	1.2%
3.31418609619141		1	0.6%
3.33220458030701		2	1.2%
3.48124003410339		1	0.6%
3.52636051177979		1	0.6%
3.68887948989868		1	0.6%
3.98898410797119		1	0.6%
5.40267753601074		1	0.6%
Sysmiss		934	

## GAMETO2CAT: Presence/absence of gametocytes in blood

Data file: dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 980    Invalid: 126    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		808	82.4%
1		172	17.6%
Sysmiss		126	

**STUNTED: Children with a height-for-age Z-score more than 2 standard deviations (SD) below****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		758	77.4%
1		221	22.6%
Sysmiss		127	

**UNDERWEIGHT: Children with a weight-for-age Z-score more than 2 SD below the mean****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		776	79.3%
1		203	20.7%
Sysmiss		127	

**ACUTEMALNUTRITION: Children with a BMI-for-age Z-score more than 2 SD below the mean****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		906	92.5%

1		73	7.5%
Sysmiss		127	

## LOWWEIGHTHEIGHT: Children with a weight-for-height Z-score more than 2 SD below the mean (measure

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 242 Invalid: 864 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		222	91.7%
1		20	8.3%
Sysmiss		864	

## WEIGHT: Weight of child in kg (average of two measurements)

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 983 Invalid: 123 Minimum: 10.3999996185303 Maximum: 27.5  
 Type: Continuous Decimal: 0 Width: 16 Range: 10.3999996185303 - 27.5 Format: Numeric

## HEIGHT: Height of child in cm (average of two measurements)

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 983 Invalid: 123 Minimum: 84.1999969482422 Maximum: 134.399993896484  
 Type: Continuous Decimal: 0 Width: 17 Range: 84.1999969482422 - 134.399993896484 Format: Numeric

## BMI: Body mass index

Data file: dataset\_cograparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta

### Overview

Valid: 983 Invalid: 123 Minimum: 7.92527964312185 Maximum: 21.5210459185508  
 Type: Continuous Decimal: 0 Width: 17 Range: 7.92527964312185 - 21.5210459185508 Format: Numeric

**WEIGHT1: Weight of child in kg (first measurement)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 10.4    Maximum: 27.5  
 Type: Continuous    Decimal: 0    Width: 4    Range: 10.4 - 27.5    Format: Numeric

---

**WEIGHT2: Weight of child in kg (second measurement)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 10.4    Maximum: 27.5  
 Type: Continuous    Decimal: 0    Width: 4    Range: 10.4 - 27.5    Format: Numeric

---

**HEIGHT1: Height of child in cm (first measurement)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 84.2    Maximum: 134.4  
 Type: Continuous    Decimal: 0    Width: 5    Range: 84.2 - 134.4    Format: Numeric

---

**HEIGHT2: Height of child in cm (second measurement)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 983    Invalid: 123    Minimum: 84.2    Maximum: 134.4  
 Type: Continuous    Decimal: 0    Width: 6    Range: 84.2 - 134.4    Format: Numeric

---

**MUAC: Mid upper arm circumference (MUAC) in cm****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 981    Invalid: 125    Minimum: 10.6    Maximum: 19.5  
 Type: Continuous    Decimal: 0    Width: 4    Range: 10.6 - 19.5    Format: Numeric

---

**ZWEIGHTAGE: Weight-for-age Z-score (WAZ)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: -4.48    Maximum: 2.42  
 Type: Continuous    Decimal: 0    Width: 5    Range: -4.48 - 2.42    Format: Numeric

---

**ZHEIGHTAGE: Height-for-age Z-score (HAZ)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: -5.3    Maximum: 5.36  
 Type: Continuous    Decimal: 0    Width: 5    Range: -5.3 - 5.36    Format: Numeric

---

**ZBMIAGE: BMI-for-age Z-score (BAZ)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 979    Invalid: 127    Minimum: -7.3    Maximum: 3.39  
 Type: Continuous    Decimal: 0    Width: 5    Range: -7.3 - 3.39    Format: Numeric

---

**ZWEIGHTHEIGHT: Weight-for-height Z-score (WHZ) (for 3y cohort only)****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 242    Invalid: 864    Minimum: -6.76    Maximum: 3.46  
 Type: Continuous    Decimal: 0    Width: 5    Range: -6.76 - 3.46    Format: Numeric

---

**AGEMONS\_BIOMED: Calculated age in months for deriving z scores****Data file:** dataset\_cogsrparentbiomed\_age5\_malisief\_2016\_puf\_july23\_labeled.dta**Overview**

Valid: 736    Invalid: 370    Minimum: 61.2730966054928    Maximum: 92.8788501026694  
 Type: Continuous    Decimal: 0    Width: 16    Range: 61.2730966054928 - 92.8788501026694    Format: Numeric

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# study\_resources

## questionnaires

### Biomedical Survey 2016

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title Biomedical Survey 2016  
 country Mali  
 language French  
 filename form\_biomed\_malisief\_sikasso\_2016.pdf

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### Caregivers Questionnaire 2016 - English

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title Caregivers Questionnaire 2016 - English  
 country Mali  
 language English  
 filename form\_parent\_malisief\_2016\_english.pdf

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### Caregivers Questionnaire 2016 - French

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title Caregivers Questionnaire 2016 - French  
 country Mali  
 language French  
 filename form\_parent\_malisief\_2016\_french.pdf

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### Cognitive Assessment for Children 3-4 Years Old 2016 - French/Bambara

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title Cognitive Assessment for Children 3-4 Years Old 2016 - French/Bambara  
 country Mali  
 language French  
 filename final\_3\_years\_cognitive\_sief\_2016\_french\_bambara\_7\_june\_final\_for\_training.pdf

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### Cognitive Assessment for Children 5 Years Old 2016 - French/Bambara

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title Cognitive Assessment for Children 5 Years Old 2016 - French/Bambara  
 country Mali  
 language French  
 filename final\_5\_years\_cognitive\_sief\_2016\_french\_bambara\_8\_june.pdf

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## reports

### An Integrated Parenting, Nutrition and Malaria Prevention Package to Improve Nutrition and Child Development in Infants and Pre-School Children: Impact Evaluation of a Randomized Controlled Trial in Southern Mali

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title	An Integrated Parenting, Nutrition and Malaria Prevention Package to Improve Nutrition and Child Development in Infants and Pre-School Children: Impact Evaluation of a Randomized Controlled Trial in Southern Mali
subtitle	Endline Report for World Bank Strategic Impact Evaluation Fund
country	Mali
language	English
abstract	<p>In 2013, Save the Children and national partners in Mali introduced an integrated parenting, nutrition and malaria prevention package in villages with community pre-schools in southern Mali. The aim of the programme is to reduce the incidence of clinical malaria, the prevalence of anemia and stunting, and improve cognitive development in children under 5 years by combining two newly recommended nutrition and malaria interventions in early childhood: home fortification with micronutrient powders and seasonal malaria chemoprevention. The programme which targets all children in the community is delivered through the pre-existing infrastructure of community-based Early Childhood Development (ECD) centers, previously established in the study area by Save the Children.</p> <p>There have been no previous studies examining the combined impact of these two newly recommended malaria and nutrition interventions in early childhood. In addition, whilst each disease control and nutritional intervention has previously been shown to bring substantial gains in child survival and physical growth, the benefits for cognitive and linguistic development are comparatively unknown. Most intervention trials typically focus either on health or educational outcomes, rarely both. The impact of an integrated package of ECD, malaria and nutrition interventions on a child's physical and cognitive development over the first 5-6 years of life, and learning as children transition into school has not previously been examined. This study aimed to address this key gap in knowledge, whilst providing evidence of the operational feasibility and cost-effectiveness of the approach.</p> <p>Introduction  I. Background to the Project  II. Context and Justification  Methods  III. The Interventions  IV. Research Hypothesis  V. Objectives  VI. Study Area and Population  VII. Impact Evaluation Design  VIII. Data Collection and Indicators  IX. Statistical Analysis  X. Sample Size  XI. Process Evaluation  XII. Cost Analysis  XIII. Ethical Considerations  Results  XIV. Implementation and Uptake of the Interventions  XV. Impact on Intermediate Outcomes  XVI. Impact on Biomedical Outcomes  XVII. Impact on Cognitive Function  XVIII. Cost Analysis  Discussion  References  Annexes</p>
table_of_contents	
filename	mali_sief_endline_report_final_21122017.pdf

## technical\_documents

### Data Dictionary Covering Biomedical Survey and Caregiver Questionnaire

title	Data Dictionary Covering Biomedical Survey and Caregiver Questionnaire
country	Mali
language	English
description	<p>This data dictionary corresponds with the following datasets:  dataset_biomedanthroparent_malisief_2016_puf.dta, dataset_cogsrparentbiomed_age3_malisief_2016_puf.dta, and dataset_cogsrparentbiomed_age5_malisief_2016_puf.dta</p>
filename	datadictionary_biomedanthroparent_malisief_2016_puf.pdf

### Data Dictionary Covering Cognitive Assessment for Children 3-4 Years Old

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title	Data Dictionary Covering Cognitive Assessment for Children 3-4 Years Old
country	Mali
language	English
description	This data dictionary corresponds with the following datasets: dataset_cogsrparent_age3_malisief_2016_puf.dta and dataset_cogsrparentbiomed_age3_malisief_2016_puf.dta
filename	datadictionary_cogsr_3yold_malisief_2016_puf.pdf

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### Data Dictionary Covering Cognitive Assessment for Children 5 Years Old

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title	Data Dictionary Covering Cognitive Assessment for Children 5 Years Old
country	Mali
language	English
description	This data dictionary corresponds with the following datasets: dataset_cogsrparent_age5_malisief_2016_puf.dta and dataset_cogsrparentbiomed_age5_malisief_2016_puf.dta
filename	datadictionary_cogsr_5yold_malisief_2016_puf.pdf

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### Data Dictionary Covering Caregivers Questionnaire

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title	Data Dictionary Covering Caregivers Questionnaire
country	Mali
language	English
description	This data dictionary corresponds with the following datasets: dataset_cogsrparent_age3_malisief_2016_puf.dta, dataset_cogsrparent_age5_malisief_2016_puf.dta, dataset_cogsrparentbiomed_age3_malisief_2016_puf.dta, and dataset_cogsrparentbiomed_age5_malisief_2016_puf.dta
filename	datadictionary_parent_malisief_2016_puf.pdf

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