

The WORLD VALUES SURVEY ASSOCIATION

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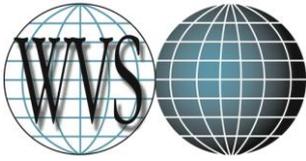
SURVEY METHODOLOGY REPORT

METHODOLOGICAL QUESTIONNAIRE

(TO BE COMPLETED AND SENT TO THE DATA ARCHIVE

JOINTLY WITH THE DATA FILE)

Country:	GERMANY
Organization:	The fieldwork was carried out by the research institute: Kantar Public Germany (https://www.tns-infratest.com/sofo/) On behalf of: GESIS – Leibniz-Institute for the Social Sciences (www.gesis.org) PI Institution: Leuphana Universität Lüneburg
Principal Investigator:	Christian Welzel
E-mail (primary contact):	cwelzel@gmail.com
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E-mail (secondary contact):	tobias.gummer@gesis.org



SECTION 1: THE QUESTIONNAIRE

- 1) **Have any optional questions and/or items been included?** → No.

There were no optional questions in the master questionnaire

- 2) **Were country-specific questions, and / or items, i.e. neither compulsory nor optional WVS questions, included in the survey?**

Country-specific questions/items were included, namely:

Q221a_de (it reflects voting on the level of the federal state)

Q222a_de (it reflects voting for the European Parliament)

Q273a_de (providing important information on cohabitation)

→ Please read attached documentation on German WVS-7 data set for details on this.

- 3) **Were country-specific questions included at the end of the questionnaire (just before the demographics)?** → No.

In general, the location of the country specific questions is as their variable name signals.

However, one question order change was applied:

We put **Q269** (German citizenship) **before** **Q254** (proud to have German citizenship).

Q269 serves as a filter for Q254: Q254 only asked if respondent has German citizenship).

→ Please read attached documentation on German WVS-7 data set for details on this.

- 4) **Were all questions asked in the prescribed order?** → Yes, with one exception. See 3) above.

- 5) **Were all core questions included in your questionnaire (by core we mean all items, except those that were optional)?** → No.

All questions were included, with two exceptions:

Q290 was deliberately not part of the German field questionnaire.

“O” = geographical coordinates were not independently collected during the fieldwork. Post hoc merging of coordinates based on the municipality the interview was held in would have led to redundant information.

→ Please read attached documentation on German WVS-7 data set for details on this.

- 6) **Please write in details of the items and the reasons why they were not included.** → See 5) above.



SECTION 2: SAMPLING

7) **Was your sample designed to be representative of the entire adult population, i.e. 18 years and older, of your country?** → Yes, it was designed to be representative (see Annex 3 for details).

~~8) Which groups were excluded from, under-represented or over-represented in your sample design?~~

9) **What was the lower age cut-off for your sample?** → At least 18 years old (see Annex 3 for details).

10) **Was there any upper age cut-off of your sample?** → No upper age cut-off (see Annex 3 for details).

11) **What were different stages in your sampling procedure?**

A 2-stage design has been applied:

1st stage: random sample of municipalities

2nd stage: random sample of individuals

→ Please see survey design form (Annex 3) for more details.

12) **What was the final number of clusters or sampling points?**

In total 162 sampling points were sampled.

However, certain large municipalities (PSUs) have been selected multiple times, thus the number of unique PSUs in the sample is smaller than the factual number of sampling points at the first sampling stage.

Note, that for big municipalities (>100.000 inhabitants), a random selection of spatial clusters of addresses for each sample point has been chosen after the address lists have been collected from the municipalities.

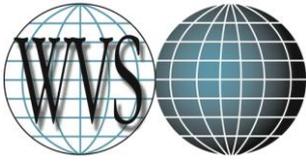
→ Please see survey design form (Annex 3) for more details.

13) **What was the sampled unit you got from the fieldwork organization** → Addresses of individuals.

~~14) What selection method was used to identify a respondent?~~

~~15) Were there any quota controls on the type of individual selected to take part in the survey (for example, age or sex controls)?~~

~~16) In what way were quota controls used?~~



17) Was substitution permitted at any stage of your selection process or during fieldwork? → Yes, see 18).

18) In what way was substitution permitted?

Substitution of municipalities:

Municipalities (primary sampling units), who did not agree to take part in the survey, were substituted by structurally equivalent municipalities. This was the case for five municipalities.

19) Did you use any stratification factors when drawing your sample? → Yes, see 20).

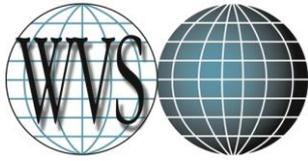
20) What stratification factors were used, and at what stages of selection?

Stratification process:

At the first stage of the sampling process municipalities are sampled stratified by **NUTS 3 and by BIK classification "GKBIK10"** (that incorporates municipality size in terms of population and area type) with a selection probability proportional to their population aged 18 or older.

At the second stage of the sampling process the final selection of the individuals' addresses from the delivered address lists by the municipalities was done by a stratified random sample. The stratification was done by **age groups and gender**, with an allocation **proportional to the joint distribution of the two variables on the NUTS 1 level** (federal state) to which the municipality belongs.

→ Please see survey design form (Annex 3) for more details.



21) All in all, what are the known limitations of your realized sample? → No particular limitations.

22) Please fill in the following details about your sample. If some categories do not apply, please complete to the highest level of detail possible and use the 'other' box to give more information.

Total number of <u>starting</u> names/addresses	5831
addresses which could not be traced at all	50
addresses established as empty, demolished or containing no private dwellings	21
selected respondent too sick/incapacitated to participate	257
selected respondent away during survey period	NAP
selected respondent had inadequate understanding of language of survey	185
no contact at selected address	551
no contact with selected person	NAP
refusal at selected address	NAP
proxy refusal (on behalf of selected respondent)	291
personal refusal by selected respondent	2555
other type of unproductive (please write in full details in the box below)	see "invalid interview"
full productive interview	1520
partial productive interview	0
Please note: we did not label interviews as partial; however, we included a variable at the end of the delivered data set ("DE_missing_percentage") that gives you the proportion of missings (excluding NAP missing for each interview).	
Additional categories:	
invalid interview	8
Please note: 8 interviews were categorized invalid by the national team, see below and variable "DE_deletion_justification" in the delivered data set.	
respondent deceased	26
Respondent moved abroad/unknown destination	329
other ineligible address/respondent lives in an institution	38

23) Specification (where necessary) of additional categories:

Invalid interview: Interviews can be invalid for several reasons, e.g. the wrong the target person was interviewed; or the respondent shows excessive speeding; or the respondent misses an extreme amount of questions. The fieldwork organization and the national team performed data checks on these issues. A verbal justification for recommended deletions (invalid interviews) is stored in the delivered data set.

Respondent moved abroad/unknown destination: Respondents who moved to another country; and respondents who moved to another place in Germany, but their new address is unknown (or in a few cases known, but no contact could be made until the end of the fieldwork period); and respondents who moved to a completely unknown destination.



SECTION 3: FIELDWORK

24) If interviews were not face-to-face, please specify the way of interviewing:

All interviews were conducted by face-to-face (CAPI) by professional interviewers.

25) The next group of questions are about interviewers.

a. Were interviewers paid according to performance

(for example, according to the number of interviews they obtained)?

Most interviewers work as free-lance interviewers. A few are employed by the fieldwork organization.

Free-lance interviewers get paid per completed interview.

Employed interviewers get a regular fixed payment (plus bonus payment).

b. Which, if any, of these rules governed how an interviewer approached an address/household?

- ~~Calls~~ Visits must be made at different times of day:

No specific requirements; interviewers were advised to cover different daytimes.

- ~~Calls~~ Visits must be made on different days of work:

No specific requirements; interviewers were advised to cover workdays and weekends.

- ~~neither of the above~~

c. Were interviewers required to make a certain number of ~~re-calls~~ visits before they stopped approaching an address or household?

- Minimum number of ~~re-calls~~ visits required:

The total number of required visits per respondent was 4.

- ~~No minimum re-call requirement:~~

d. Were any interviews supervised?

- ~~Yes (approximate proportion %):~~

- No.

No interviews were supervised.

e. Were any interviews back-checked?

- a. Yes (approximate proportion %):

All interviews 100% (n=1528) were selected for back-checking.

Approximately 61% (n=935) of back-checks were achieved (respondents returned back-check questionnaires).

Approximately 99.4% (n=929) of the achieved back-checks confirmed the outcome.

- ~~No.~~



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26) Please write in the approximate start and end dates of fieldwork.

Fieldwork period DDMMYY:

Start date: 23/10/17 (October 23, 2017)

End date: 04/04/18 (April 4, 2018)

27) Please write in the name of the institute which has done the fieldwork.

Kantar Deutschland GmbH, Landsberger Str. 284, 80687 Munich



SECTION 4: DATA

28) **Were any measures of coding reliability employed?** → Yes.

All interviews were conducted in CAPI mode, so coding rules and filters are checked automatically.

Furthermore, several measures contributed to reliable codings. Interviewers are experienced and trained in general. Interviewers were also provided an interviewer manual for the WVS. In addition, show cards for the respondents were used extensively to facilitate and standardize the answering process and the coding.

29) **Were the data from the questionnaire keyed subsequent to the interview?**

Not applicable, all interviews were conducted in CAPI mode.

30) **Was keying verified?** → Not applicable.

31) **Were any reliability checks made on derived variables?**

Any derived variables (e.g. ISCED 2011 level) were coded by the national team and thus fully controlled.

32) **Were data checked/edited to ensure that filter instructions were followed correctly?**

Yes, all filters were tested before the fieldwork, during the fieldwork and with the final data set. All filters were in the delivered data set and are applied correctly.

33) **Were data checked/edited for logic or consistency? Partly (eg Q262_minus_Q261)**

Only partly, as no guidelines for consistency checks were provided by the WVS central team.

However, we performed a consistency check on the calculated age and reported age.

For a few cases there is a mismatch between the reported year of birth (Q261) and the reported age (Q262). Differences of -1 or +1 can be explained by the change of year during the fieldwork period. However, any larger differences may be implausible. We stored this difference in variable "Q262_minus_Q261".

34) **Were data checked/edited to ensure they fell within permitted coding ranges?**

Yes, all data were checked. Everything fell within the permitted coding ranges.

35) **Have you answered 'yes' on any or all of questions 32 to 34 above?** → Yes.

36) **Were errors corrected individually or automatically (through, for example, a 'forced' edit)?**

Both, individual and automatic correction was applied by the national and team and the field work organization.



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37) Did you add a weight variable? → No.

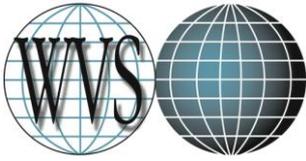
Note: Only post-stratification weights (and adjustment weights – if necessary) are applicable. The sampling design has led to a self-weighting sample, where the selection probability for each respondent can be assumed to be the same on average across all municipalities (primary sampling units). Thus, **no** design weight has to be calculated.

The selection probability can be derived by dividing the gross number of addresses included in the sample by the number of inhabitants over 18 years in Germany (population size, at the end of 2015):

$$PROB_i = \frac{5,831}{68,850,007} = 0,0000846913491409660$$

→ Please read attached documentation on German WVS-7 data set.

38) Please describe the weighting or post-stratification strategy used. → Not applicable.



SECTION 5: CHARACTERISTICS OF NATIONAL POPULATION

39) Each member is asked to provide information on known characteristics of its national population, from census or the best available estimates from government surveys or other high-quality data-sources:

Population data will be delivered as soon as possible. Note: In accordance with the WVS data archive, the German national team will provide German population statistics that can be used to calculate post-stratification weights by the WVS data archive. This will be done in the same way as for the weighting of the European Values study (if possible with instructions how the EVS calculated the weights), which was carried out at the same time and with the same sample design as the WVS. Compatibility between the EVS and WVS is crucial and should be kept.

- sex distribution of the population
 - age distribution of the population
 - education (years of schooling) of the population
 - other characteristics (PLEASE SPECIFY)
- Please specify also the sources which have been used. Please note that the number of characteristics is what is minimal required. You can add as many characteristics as you like, but do not forget to specify them.
 - In the table below please present the information from census or from other government surveys or other high-quality data (column SOURCE 1) and the proportions obtained in your data, before and after weighting.

	Source:	Unweighted data	Weighted data
Gender			
Female			
Male			
Age Groups			
18 - 29 years			
30 - 39 years			
40 - 49 years			
50 - 59 years			
60 years & +			
Years/Schooling Groups			
No Education			
Primary/secondary school			
Incomplete/Complete university-level education			
Other characteristics Please specify			
Urban			
Rural			