Constructed consumption datasets used for analysis

Consumption metric.do – This do file creates two consumptions datasets, *consumption_expenditure.dta* and *aggregated_expenditure.dta*.

The food consumption section (S11A) has a number of instances where people have reported a non-zero quantity of consumption for a particular item but the price is missing. We have imputed missing prices using market price data taken from the community survey[1] for the same item - unit of consumption combination as that of the missing price. We take the median price across communities within the district, in the community data, to use for this imputation. Where market prices from the community survey are missing, we use the median price reported for that item – unit combination at the lowest of the district, regional, or national levels for which at least five observations exist.

Food expenditure, money spent on giving gifts, value of own produce, expenditure on clothes, other household items and fuel were individually totaled at a household level. Along with an average monthly variable, these values can be found in *consumption_expenditure.dta*

A household level aggregate of all these expenditures along with expenses on education (fees, uniform, extra training, etc.), health (insurance, vaccination costs, etc.) and dwelling (water, construction, repairs, etc.) is found in *aggregated_expenditure.dta.*

Consumption Analysis.do – this do file use *aggregated_expenditure.dta* and constructs a regional expenditure variable which aggregates household expenditure by the region, drops the top and bottom 1% outliers in total household expenditure and generates two measures of per capita expenditure. One is simply by dividing the expenditure by household size. The other uses an adult equivalence scale to discount for the ages of household members. The scale was used from *http://siteresources.worldbank.org/PGLP/Resources/PMch2.pdf* which analyses the LSMS surveys in Ghana, Peru and the Ivory Coast (page 34). This assigns a value to members of certain age ranges and then uses those values to compute a new adjusted household size from which an adjusted per capita expenditure measure is created. This is saved in *percapita_expenditure.dta*

1. This data will be made publicly available in a short while