**Codebook**

**Belissa, Temesgen; Lensink, Robert and Van Asseldonk, Marcel** "*Risk and ambiguity aversion behaviour in index-based insurance uptake decisions: experimental evidence from Ethiopia"*

Variable type and definition

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| **Variables** | **Variable type and definition** |
| identifier | Code of the household |
| year | Dummy, year in which the data was collected; 0=2015 and 1=2017 |
| age | Continuous, age of the household head in years |
| sex | Dummy, gender of the household head, 1= male headed 0 = female headed |
| education | Continuous, education level of the household head in years of schooling |
| fertvalue | Value of chemical fertilizer used by household measured in Birr |
| imprvseedvalue | Value of improved seed used by household measured in Birr |
| pestvalue | Value of pesticide and herbicide used by household measured in Birr |
| treat | Whether the household bought insurance; 1=purchased 0=not purchased |
| treatyear | Interaction term of treat and year |
| hrhrinvst | Continuous, value of household’s total investment in high-risk high-return agricultural inputs in ETB |
| landsize | Continuous, household’s land holding, measured in a local unit called qarxi, where 1 qarxi = 0.25 hectares |
| familysize | Number of family members |
| dependents | Number of family members who are below 15 years and above 65 years |
| dpndcyratio | The ratio of family members to total members |
| TLU | Livestock size measured in tropical livestock units |
| eduyrs | Dummy, year in which the data was collected; 0=2015 and 1=2017 |
| district1 | Whether the household is in district 1 |
| district2 | Whether the household is in district 1 |
| extsincntct | Whether the household makes frequent contact and discussion with extension agents  |
| distmkt | Household’s distance from the market centre measured in walking hours  |
| iddir | Name of the iddir in which the household is a member |
| id | Cluster code identification number |
| fcpp | Value of food consumption per capita |
| nfcpp | Value of non-food consumption per capita |
| tcpp | Value of total consumption per capita |
| fcppw | Value of weekly food consumption per capita |
| R | Region in which the respondent resides |
| oneyear | Whether the household adopted insurance only for one year |
| twoyear | Whether the household adopted insurance for two years |
| threeyear | Whether the household adopted insurance for three years |
| fouryear | Whether the household adopted insurance for four years |
| late | Whether the household is a late adopter of insurance |
| dropout | Whether the household is a dropout from adopting insurance |
| persistent | Whether the household has persistently adopted insurance |
| CPZ | Crop production zone in which the household’s plot located |
| CRAA | Constant relative ambiguity aversion  |
| CRRA | Constant relative ambiguity aversion |
| trustt | Level of the household’s trust in the insurance provider |
| promotionn | Whether the household has participated in insurance promotion activities undertaken by firm |
| peerr | Whether the household is influenced by its peer to buy insurance |
| intertemporall | Binary dummy, equal to 1 for households that indicate that, if insurance is available, they would postpone the uptake decision until the final insurance sales day, to make a better estimate of future weather conditions. |