Collaborative Research Centre 228: Future Rural Africa: Baseline Household Survey (2019)

Data Dictionary-Namibia

Maximilian Mayer[1], Emmanuel Nshakira-Rukundo[1], Michael Bollig[3], Jan Börner[1], Peter Dannenberg[4], Clemens Greiner[2], and Thomas Heckelei[1]

[1]Institute for Food and Resource Economics, University of Bonn
[2]Department of Social and Cultural Anthropology,University of Cologne
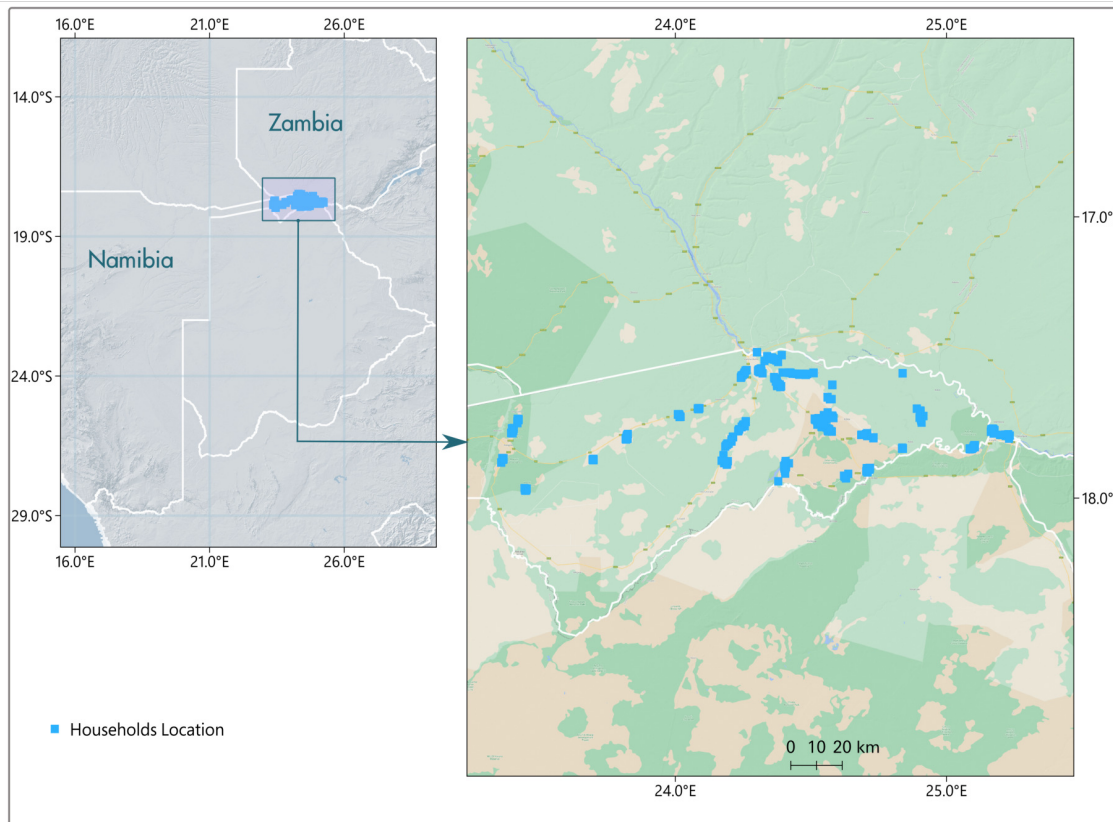[3]Institute of Geography, University of Cologne
[4]Global South Studies Centre, University of Cologne

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A document contains the data dictionary of CRC-Survey (2019). The data is organized in to 28 thematic topics and only for Namibia[1]:

→ Variables
→ Variable label
→ Variable Type
→ Value labels (If the variable is factor(Categorical))

Note: Each dictionary table corresponds to the file names of the data tables. Common Variables are present on all the data tables. You can find the codebook and pdf version of the data dictionary in the data folder.

■ Households Location

Please cite the datasets as follows:

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[1]

→ Kenya: https://www.trr228db.uni-koeln.de/data.php?dataID=97
→ Tanzania: https://www.trr228db.uni-koeln.de/data.php?dataID=96
→ Zambia: https://www.trr228db.uni-koeln.de/data.php?dataID=99

1 Common Variables

Variable	Var label	Var type	Value label
ea	Enumeration area	character	
consti	Constituency	character	
dist	District	factor	
weight	Sampling Weight	numeric	
strata	Strata	factor	
hh_no	Household Number	numeric	
hhid	Household Id	character	
ctry	Country	character	

2 Aspirations

Variable	Var label	Var type	Value label
as01	Number of beans/stones/seeds/ allocated to occupation / employment	numeric	
as02	Number of beans/stones/seeds allocated to education (school degrees)	numeric	
as03	Number of beans/stones/seeds allocated to assets (things of value like land etc.	numeric	
as04	Number of beans/stones/seeds allocated to social status (to be respected by others)	numeric	
as05	Number of beans/stones/seeds allocated to cash income	numeric	
asweight	Aspiration weight	numeric	
occ_wgt	Occupation_employment weight	numeric	
educ_wgt	Education weight	numeric	
ass_wgt	Assets weight	numeric	
sst_wgt	Social status weight	numeric	
inc_wgt	Current cash income weight	numeric	
as10	Have you lent money to anyone in the last 12 months?	factor	0=No 1=Yes
as11	Have you borrowed money from someone in the last 12 months?	factor	0=No 1=Yes
as12	Do you or other current household member have a bank account?	factor	0=No 1=Yes
as13	Are you or any other current household member, a member of a saving and lending association?	factor	0=No 1=Yes
as14	Out of your total income in the last month, were you able to save any money?	factor	0=No 1=Yes
as15	Approximately, how much of your income were you able to save last month?	numeric	
as16	What is the most important purpose for which you save money?	character	
as16_1	Reason for saving - for emergency situations	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
as16_2	Reason for saving - to build_ buy a house	factor	0=No 1=Yes
as16_3	Reason for saving - for my children	factor	0=No 1=Yes
as16_4	Reason for saving - for my pensions	factor	0=No 1=Yes
as16_5	Reason for saving - to emigrate	factor	0=No 1=Yes
as16_96	Reason for saving - Other (please specify)	factor	0=No 1=Yes
as16_99	Reason for saving - Refuse to answer	factor	0=No 1=Yes
as19	Do you have a mobile money account on which you regularly use for savings & other transactions?	factor	0=No 1=Yes
as20	How much do you use the internet (on smart phone or computer)?	factor	1=Daily 2=At least Once a week 3=At least once a month 4=Never
as17	Does this household belong to any other voluntary associations in this village?	factor	0=No 1=Yes
as18	If yes, which type of associations does the household belong to?	character	
as18_1	Membership in a farmers group	factor	0=No 1=Yes
as18_2	Membership in an agriculture cooperative	factor	0=No 1=Yes
as18_3	Membership in a water users group	factor	0=No 1=Yes
as18_4	Membership in a savings and credit association	factor	0=No 1=Yes
as18_5	Membership in a religious group	factor	0=No 1=Yes
as18_6	Membership in a self-help group	factor	0=No 1=Yes
as18_7	Membership in a womens group	factor	0=No 1=Yes
as18_8	Membership in a forest users group	factor	0=No 1=Yes
as18_9	Membership in a Funeral association (burial group)	factor	0=No 1=Yes
as18_10	Membership in a Sports association	factor	0=No 1=Yes
as18_11	Membership in a Nyumba kumi	factor	0=No 1=Yes
as18_12	Membership in a School or HMC	factor	0=No 1=Yes

(continued)

Variable	Var label	Var type	Value label
as18_96	Membership in a Any other voluntary association	factor	0=No 1=Yes
as21	Generally speaking, on a scale of 1 to 5, how satisfied are you with life?	factor	1=Very dissatisfied 2=dissatisfied 3=Neither 4=Satisfied 5=Very satisfied
asst01	Evaluating your household on this ladder that represents social status, where do you think your household currently ranks in this village?	numeric	
asst02	Where on the social status ladder do you aspire your household to be in 5 years?	numeric	
asast01	Evaluating your household on this ladder representing asset ownership, where do you think your household currently ranks in this village?	numeric	
asast02	Where on the asset ladder do you aspire your household to be in 5 years time?	numeric	
asinc01	Assessing all household income sources, how much income do you aspire to earn per month in 5 years from now?	numeric	
ed01asp	What level of education did your father achieve?	factor	1=Refuse to answer 2=Dont know 3=No formal education 4=Some primary school 5=Some secondary school 6=Some post-secondary school 7=Other schooling (e.g religious schooling)
ed02asp	What level of education did your mother achieve?	factor	1=Refuse to answer 2=Dont know 3=No formal education 4=Some primary school 5=Some secondary school 6=Some post-secondary school 7=Other schooling (e.g religious schooling)
as06	Number of influential people	numeric	
as09	On how many days in the last 30 days did you talk about either agriculture or yo	numeric	
as_loc01_in	My lifes course depends on me	factor	1=Strongly disagree 2=Disagree 3=Indifferent (neither nor) 4=Agree 5=Strongly agree

Variable	Var label	Var type	Value label
as_loc02_in	Success is a matter of hard work	factor	1=Strongly disagree 2=Disagree 3=Indifferent (neither nor) 4=Agree 5=Strongly agree
as_loc03_in	Abilities are more important than effort	factor	1=Strongly disagree 2=Disagree 3=Indifferent (neither nor) 4=Agree 5=Strongly agree
as_loc04_in	When I make plans, I am most certain they will work	factor	1=Strongly disagree 2=Disagree 3=Indifferent (neither nor) 4=Agree 5=Strongly agree
as_loc05_in	I am usually able to protect my and my communitys interests	factor	1=Strongly disagree 2=Disagree 3=Indifferent (neither nor) 4=Agree 5=Strongly agree
trst01	Level of trust in the health care system to meet my and my households health needs when need arises	factor	1=strongly distrust 2=distrust 3=indifferent 4=trust 5=strongly trust
trst02	Level of trust in the eduction system to meet the educational needs of my children	factor	1=strongly distrust 2=distrust 3=indifferent 4=trust 5=strongly trust
trst03	Level of trust in the police and judicial system	factor	1=strongly distrust 2=distrust 3=indifferent 4=trust 5=strongly trust
trst04	Level of trust in the government (central and local) that it has my and my communitys interests	factor	1=strongly distrust 2=distrust 3=indifferent 4=trust 5=strongly trust
trst05	Level of trust in the traditional leadership system	factor	1=strongly distrust 2=distrust 3=indifferent 4=trust 5=strongly trust

Variable	Var label	Var type	Value label
prt01	How do you (household head) rate your voice and power to influence decisions about the future of this village?	factor	1=No influence 2=some but low influence 3=average level of influence 4=high influence 5=Very high infuence
exp_evl_01	Worry about Job loss or economic livelihoods	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_03	Worry about Serious illness	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_05	Worry about Food insecurity	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_06	Worry about Climate change (floods & long droughts)	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_07	Worry about Depletion of natural resources	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_11	Worry about Loss of friendships & social networks	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_12	Worry about Loss of Cultural traditions	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_evl_13	Worry about Political upheavals	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried

Variable	Var label	Var type	Value label
exp_ev1_14	Worry about clan/ tribal violence	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
exp_ev1_15	Worry about Exclusion from political-decision making	factor	1=Not at all worried 2=Slightly worried 3=Worried 4=Very worried 5=Extremely worried
time_aspire	Meta Data (time it took to complete the aspiration section)	character	

3 Assets

Variable	Var label	Var type	Value label
h02	How many separate rooms does the households house (residence) have?	numeric	
h03	What is the major construction material of the roof?	factor	1=Iron sheets 2=Tiles 3=Asbestos 4=Concrete 5=Tin 6=Thatched grass 7=Other (please specify)
h04	What is the major construction material of the external wall?	factor	1=Grass 2=Mud with poles 3=Unburnt bricks with mud 4=Bricks with cement 5=Concrete 6=Wood 7=Tin/iron sheets/mabaati 8=Other (please specify)
h05	What is the major material of the floor?	factor	1=Sand 2=Smooth earth (soil) 3=Cement screed 4=Wood 5=Ceramic or other tiles 6=Other (please specify)
h06	What is the main source of water for household use?	factor	1=Piped water (house or public) 2=Protected (borehole protected well public taps rain water) 3=Unprotected source (well spring river lake tank truck)

(continued)

Variable	Var label	Var type	Value label
h07	What type of toilet is mainly used by household members?	factor	1=Flush toilet 2=VIP latrine 3=Covered pit patrine with slab 4=Covered pit latrine without a slab 5=Uncovered pit latrine 6=Ecosan toilet 7=No facility/Bush/polythene 8=Other (please specify)
h09	Does this household have access to electricity or solar or any other type of electricity?	factor	0=No 1=Yes
h10	What type of energy do you use for cooking?	character	
h10_1	Energy used for cooking - Electric cookers	factor	0=No 1=Yes
h10_2	Energy used for cooking - Gas (incl. biogas)	factor	0=No 1=Yes
h10_3	Energy used for cooking - Charcoal	factor	0=No 1=Yes
h10_4	Energy used for cooking - Firewood	factor	0=No 1=Yes
h10_5	Energy used for cooking - Other biomass burning	factor	0=No 1=Yes
h10_96	Energy used for cooking - Any other energy for cooking	factor	0=No 1=Yes
h11	What type of energy do you use for lighting?	character	
h11_1	Energy used for lighting - Electricity	factor	0=No 1=Yes
h11_2	Energy used for lighting - Solar	factor	0=No 1=Yes
h11_3	Energy used for lighting - Gas (biogas)	factor	0=No 1=Yes
h11_4	Energy used for lighting - Lamp oil	factor	0=No 1=Yes
h11_5	Energy used for lighting - Candle	factor	0=No 1=Yes
h11_6	Energy used for lighting - Firewood	factor	0=No 1=Yes
h11_7	Energy used for lighting - Private generator	factor	0=No 1=Yes
h11_8	Energy used for lighting - Torch	factor	0=No 1=Yes
h11_96	Energy used for lighting - Any other energy for lighting	factor	0=No 1=Yes
time_hhwlfr	Meta Data (time it took to complete the household welfare section)	character	

(continued)

Variable	Var label	Var type	Value label
ha2_1	Number of simple mobile phones owned	numeric	
ha2_3	Number of simple mobile phones owned 5 years ago	numeric	
ha3_1	Number of smart phones owned	numeric	
ha3_2	Number of smart phones owned 5 years ago	numeric	
ha4_1	Number of Motor vehicle owned	numeric	
ha4_3	Number of Motor car owned 5 years ago	numeric	
ha5_1	Number of Motor cycle/ scooter owned	numeric	
ha5_3	Number of Motor cycle owned 5 years ago	numeric	
ha6_1	Number of Bicycle owned	numeric	
ha6_3	Number of Bicycle owned 5 years ago	numeric	
ha7_1	Number of Other buildings owned	numeric	
ha7_3	Number of Other buildings owned 5 years ago	numeric	
ha9_1	Number of Gas or paraffin stove owned	numeric	
ha9_3	Number of Gas or paraffin stove owned 5 years ago	numeric	
ha14_1	Number of Radio owned	numeric	
ha14_3	Number of Radio owned 5 years ago	numeric	
ha15_1	Number of Television owned	numeric	
ha15_3	Number of Television owned 5 years ago	numeric	
ha16_1	Number of Computer- laptop or desktop owned	numeric	
ha16_3	Number of Computer- laptop or desktop owned 5 years ago	numeric	
ha18_1	Number of Living room furniture set owned	numeric	
ha18_3	Number of Living room furniture set owned 5 years ago	numeric	
ha28_1	Number of plastic chairs owned	numeric	
ha28_3	Number of plastic chairs owned 5 years ago	numeric	
ha22_1	Number of Plough owned	numeric	
ha22_3	Number of Plough owned 5 years ago	numeric	
ha24_1	Number of Wheelbarrow owned	numeric	
ha24_3	Number of Wheelbarrow owned 5 years ago	numeric	
ha26_1	Number of boats owned	numeric	
ha26_3	Number of boats owned 5 years ago	numeric	
time_assts	Meta Data (time it took to complete the assets section)	character	
asset_mis		numeric	
ha8_1	Number of Electric stove owned	numeric	
ha8_3	Number of Electric stove owned 5 years ago	numeric	

Variable	Var label	Var type	Value label
ha10_1	Number of Microwave oven owned	numeric	
ha10_3	Number of Microwave oven owned 5 years ago	numeric	
ha11_1	Number of Refrigerator owned	numeric	
ha11_3	Number of Refrigerator owned 5 years ago	numeric	
ha12_1	Number of Freezer owned	numeric	
ha12_3	Number of Freezer owned 5 years ago	numeric	
ha13_1	Number of Washing Machine owned	numeric	
ha13_3	Number of Washing Machine owned 5 years ago	numeric	

4 Biz_income

Variable	Var label	Var type	Value label
gross_biz_inc	Gross income (sales) from business	numeric	
tot_biz_costs	Total costs of all businesses	numeric	
net_biz_inc	Net business income (sales less costs	numeric	

5 Business

Variable	Var label	Var type	Value label
biz_name	What type of business is it? (Name of business)	character	
biz_sales	Approximately, how much was the total (gross) sales in the last 30 days?	numeric	
biz_inputs	How much did the household spend on inputs for this business in the last 30 days	numeric	
biz_lbr	How much did the household spend on hired labour in the last 30 days?	numeric	
biz_kcosts	How much did the household spend on capital costs (machinery, maintenance or rent for premises) in the last 30 days?	numeric	
biz_othcost	How much did the household spend on other costs for this business in the last 30 days?	numeric	
biz_inc	Income from (this)business	numeric	
n_biz	Number of businesses owned by a household	numeric	
biz_name_new		character	

6 Conservation

Variable	Var label	Var type	Value label
consev_hh	Is this household located inside or in the neighbourhood of a wildlife conservat	factor	0=No 1=Yes
consev_name	What is the name of the conservancy	factor	1=Balyerwa 2=Bamunu 3=Bukalo com forest 4=Dzoti 5=Impalila 6=Kabulabula 7=Kasika 8=Kwandu 9=Kwandu comm forest 10=Lubuta Comm forest 11=Lusese 12=Mashi 13=Masida comm forest 14=Mayuni 15=Nakabolelwa 16=Sachona 17=Salambala 18=Sikanjabuka 19=Sikunga 20=Sobbe 21=Wuparo 22=Zilitene
consev_typ	What type of conservation area/conservancy is it?	factor	1=Community wildlife conservancy 2=private wildlife conservancy 3=Community forest / forest conservation area 4=wetland conservation area 5=National park / nature reserve
consev_meb	Is the household a registered member of a community conservation area/conservanc	factor	0=No 1=Yes
consev_exphh	In general, how do you evaluate the impact of conservancies/ conservation areas	factor	1=Very negative effect 2=Negative effect 3=Neutral (or no effect) 4=Positive effect 5=Very positive effect
consev_expcom	In general, how do you evaluate the impact of conservancies/ conservation areas	factor	1=Very negative effect 2=Negative effect 3=Neutral (or no effect) 4=Positive effect 5=Very positive effect
consev_cash	During the last 12 months, did your household receive cash benefits from the con	factor	0=No 1=Yes
concash_amt	How much did you receive from conservancy payment?	numeric	

Variable	Var label	Var type	Value label
consev_fd	During the last 12 months, how many times did your household receive any food be	numeric	
consev_trn	During the last 12 months, how many trainings of any kind did you receive from t	numeric	
consev_adben	Have you or your household received any other benefits from conservancy/ conserv	factor	0=No 1=Yes
consev_ad	If yes, please specify what additional benefits you have received	character	
cons_ldcontct	During the last 12 months, how often did you (respondent) have contact with the	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
consev_mt	During the last 12 months, how often did any members of this household attend me	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
cons_ld	Is any member of this household holding a leadership position in the conservatio	factor	0=No 1=Yes
cons_ldpos	If yes, what position do they hold?	character	
cons_ldtime	How many years have they been in this position?	numeric	
cons_satfy	In general, how satisfied are you with the quality of current leadership of the	factor	1=Very dissatisfied 2=dissatisfied 3=Neither 4=Satisfied 5=Very satisfied
wld_conft	During the past 12 months, has the household experienced any conflict with wildl	factor	0=No 1=Yes
wld_dmg	If yes, what was the type of damage incurred?	character	
wld_dmg_1	Crop damage	factor	0=No 1=Yes
wld_dmg_2	Loss of livestock	factor	0=No 1=Yes
wld_dmg_3	Destruction of property	factor	0=No 1=Yes
wld_dmg_96	Other damage	factor	0=No 1=Yes
dmg_animal	Which wild animals caused the damage?	character	
dmg_animal_1	Elephants	factor	0=No 1=Yes
dmg_animal_2	Lions Leopards etc	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
dmg_animal_3	Hippopotamus	factor	0=No 1=Yes
dmg_animal_4	Crocodiles	factor	0=No 1=Yes
dmg_animal_5	Buffalos	factor	0=No 1=Yes
dmg_animal_96	Others	factor	0=No 1=Yes
wld_dmgcomp	Did the household receive any compensation for this damage?	factor	0=No 1=Yes
comp_amt	How much did your household receive as compensation from wildlife damage	numeric	
tme_consev		character	

7 Crops

Variable	Var label	Var type	Value label
crop_name	Name of crop	character	
crop_area	Approximately how much land (in the SAME AREA UNITS as before under land ownership) did you allocate to the cultivation of $\{crop\_name\}$?	numeric	
crop_output	How much of crop was harvested?	numeric	
crop_unit	In what unit was the harvest of $\{crop\_name\}$ measured?	factor	1=Grams 2=Kilograms 3=Liters 4=Numbers 5=Basins 6=2kg packet 7=10kg bag 8=25kg bag 9=50 kg bag 10=100 kg bag 11=Crates 12=Bunches 13=Gorogoro 14=Debe 15=Wheelbarrow 16=Bale 17=Tonnes 18=Canter 19=Packet (e.g salt, cigarattes) 20=Tins (eg milk tins) 21=No harvest yet or No harvest 22=Drums 23=Other (please specify)
crop_unit_1	Please specify if unit of measurement for $\{crop\_name\}$ is Other	character	

Variable	Var label	Var type	Value label
crop_sale	Did you sell or exchange (barter) part of $\{crop\_name\}$?	factor	0=No 1=Yes
crop_saleamt	How much of $\{crop\_name\}$ was sold (in harvest units)?	numeric	
crop_saleunit	Unit of measurement for the amount of $\{crop\_name\}$ sold	factor	1=Grams 2=Kilograms 3=Liters 4=Numbers 5=Basins 6=2kg packet 7=10kg bag 8=25kg bag 9=50 kg bag 10=100 kg bag 11=Crates 12=Bunches 13=Gorogoro 14=Debe 15=Wheelbarrow 16=Bale 17=Tonnes 18=Canter 19=Packet (e.g salt, cigarattes) 20=Tins (eg milk tins) 21=No harvest yet or No harvest 22=Other (please specify)
crop_saleunit_1	Please specify if unit of measurement for $\{crop\_name\}$ sold is Other	character	
crop_price	What was the price per unit of $\{crop\_name\}$ at sale?	numeric	
cp06	Was $\{crop\}$ mixed cropped?	factor	0=No 1=Yes
crop_val	Crop value	numeric	
crop_harvest	Has the $\{crop\_name\}$ been harvested?	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
crop_slunits	Units of measurement for $\{crop\_name\}$ sold	factor	1=Grams 2=Kilograms 3=Liters 4=Numbers 5=Basins 6=2kg packet 7=10kg bag 8=25kg bag 9=50 kg bag 10=100 kg bag 11=Crates 12=Bunches 13=Gorogoro 14=Debe 15=Wheelbarrow 16=Bale 17=Tonnes 18=Canter 19=Packet (e.g salt, cigarattes) 20=Tins (eg milk tins) 21=No harvest yet or No harvest 22=Other (please specify)
cp_stor	Do you have any of $\{crop\_name\}$s harvest in storage now?	factor	0=No 1=Yes
cpamt	Amount of $\{crop\_name\}$ currently in storage	numeric	
cpunits2	Unit of measurement of $\{crop\_name\}$ in storage	factor	1=Grams 2=Kilograms 3=Liters 4=Numbers 5=Basins 6=2kg packet 7=10kg bag 8=25kg bag 9=50 kg bag 10=100 kg bag 11=Crates 12=Bunches 13=Gorogoro 14=Debe 15=Wheelbarrow 16=Bale 17=Tonnes 18=Canter 19=Packet (e.g salt, cigarattes) 20=Tins (eg milk tins) 21=No harvest yet or No harvest 22=Other (please specify)

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Variable	Var label	Var type	Value label
cp_cp_seed	What type of seeds were used in the cultivation $\{crop\_name\}$?	factor	1=Tradtional seeds 2=Improved seeds 3=Hybrid seeds
avg_price		numeric	

8 Crops_expenditure

Variable	Var label	Var type	Value label
crp_ip1_exp	Approximate amount of money spent on seeds and seedlings in last 12 months?	numeric	
crp_ip3_exp	Approximate amount of money spent on fertilizers/manure in last 12 months?	numeric	
crp_ip5_exp	Approximate amount of money spent on Pesticides in last 12 months?	numeric	
crp_ip6_exp	Approximate amount of money spent on Machinery (e.g. tractors) in last 12 months	numeric	
crp_ip7_exp	Approximate amount of money spent on Hired labour in last 12 months?	numeric	
crp_ip8_exp	Approximate amount of money spent on renting Land in last 12 months?	numeric	
crp_ip9_exp	Approximate amount of money spent on transport for inputs and produce to and from market	numeric	
crp_ip10_exp	Approximate amount of money spent on Other inputs in last 12 months?	numeric	
tot_crop_exp	Total crop expenditure	numeric	

9 Crops_income

Variable	Var label	Var type	Value label
gross_crop_inc	Gross income from crops	numeric	
net_crop_inc	Net income from crops	numeric	

10 Dev_projects

Variable	Var label	Var type	Value label
project_id	Project Identifier	numeric	

Variable	Var label	Var type	Value label
project	Development Projects name	factor	1=KAZA 2=WBNLDC 3=Trans Caprivi highway 4=Road construction 5=Green schemes 6=Rural electrification programmes 7=Market Share Promotion (MSP) 8=Growth at home program 9=Other Project 10=10
dp_	Do you know this development project	factor	0=No 1=Yes
dp_know	How did you know about this development project	factor	1=NGOs 2=Company implementing 3=County officials/politicians 4=Live in the project area 5=Neighbours or friends 6=media (newpapers & or radio or printed material) 7=Rumours 8=Information events (baraza) 9=Other (please specify)
dp_land	Do you know of any land registration process associated with this project?	factor	0=No 1=Yes
dp_land_kw	How did you know about land registration process associated with this project?	factor	1=NGOs 2=Company implementing 3=County officials/politicians 4=Live in the project area 5=Neighbours or friends 6=media (newpapers & or radio or printed material) 7=Rumours 8=Information events (baraza) 9=Other (please specify)
dpwork	Does any household member (including yourself) work or has worked for this project?	factor	0=No 1=Yes
dpnextgen	How do you think this project will affect the next generation?	factor	1=Very negative effect 2=Negative effect 3=Neutral (or no effect) 4=Positive effect 5=Very positive effect
dpnextres1	Reason for the percieved effect of this project on the next generation	character	
dpagric	What effect does this project have on agriculture?	factor	1=Very negative effect 2=Negative effect 3=Neutral (or no effect) 4=Positive effect 5=Very positive effect

Variable	Var label	Var type	Value label
dpresettle	Do you know about household resettlement in the context of this project?	factor	0=No 1=Yes
dpcompe	Do you know about compensation payment for resettlement due to this project?	factor	0=No 1=Yes
time_corridors	Meta Data (time it took to complete the corridors section)	character	

11 Educaspirations

Variable	Var label	Var type	Value label
ed03asp	What level of education do you aspire $\{less11\_name\}$?	factor	1=No formal education 2=Nursey/ Kindergarten/ECD 3=Primary 1 4=Primary 2 5=Primary 3 6=Primary 4 7=Primary 5 8=Primary 6 9=Primary 7 10=Secondary school Year 1 11=Secondary school Year 2 12=Secondary school Year 3 13=Secondary school Year 4 14=Secondary school Year 5 15=Post secondary tertiary college 16=University level 17=Post graduate university level 18=Adult Literacy 19=Religious education 20=96
asocp01	What profession or occupation do you aspire $\{less11\_name\}$?	character	
pid	Personal Id	numeric	
asocp01_new	Revised occupation aspirations	character	
ha03	$\{name\}$s gender?	factor	0=Female 1=Male
age	What is $\{name\}$s age in complete years?	numeric	

12 Employment

Variable	Var label	Var type	Value label
pid	Personal Id	numeric	

Variable	Var label	Var type	Value label
wk_months	In the last year, how many months did {$worker\_name$} work at this off-farm activity?	numeric	
wk_days	In a typical week, how many days did {$worker\_name$} work?	numeric	
wk_inc	What was {$worker\_name$}s estimated monthly income?	numeric	
lbr01	Is {$name$} employed or involved in any income generating activity, including fa	factor	0=No 1=Yes
lbr02	In what activity does {$name$} spend most of his/ her work time in the last 12 mon	character	
lbr08	In which sector is {$name$}s main income activity?	factor	1=Refuse to answer 2=Do not know 3=Agriculture 4=Health or Education 5=Other public sector 6=Tourism 7=Retail /wholesale trade 8=Transport 9=Construction 10=Leisure & hospitality 11=Security services 12=Other service sector
lbr09	Has {$name$} received any professional education or training for this activity?	factor	0=No 1=Yes
lbr10	What best describes {$name$}s contract status in this activity?	factor	1=Refuse to answer 2=Do not know 3=Long term permanent contract 4=Fixed term permanent contract 5=Part-time contract 6=Daily wage labourer 7=No contract (informal) 8=Self-employed/ own firm 9=Volunteering 10=Apprenticeship / internship 11=Other (please specify)
lbr10_1	Please specify if {$name$}s contract type is Other	character	
lbr_loc	Where is {$name$}s workplace located?	factor	1=In this village 2=In other rural area within or outside this district 3=Town/ or city within this district/ region 4=Town/ or city in another district/region

Variable	Var label	Var type	Value label
lbr11	On scale of 1 to 5, how satisfied is $\{name\}$ with this activity/ job?	factor	1=Very dissatisfied 2=dissatisfied 3=Neither 4=Satisfied 5=Very satisfied
lbr13	In the last 12 months, has $\{name\}$ undertaken any work on the farm?	factor	0=No 1=Yes
fom_emp_inc	Has income from formal jobs	factor	0=No 1=Yes
biz_emp_inc	Has income from Business	factor	0=No 1=Yes
crop_emp_inc	Has income from Crops	factor	0=No 1=Yes
inf_emp_inc	Has income from Informal jobs	factor	0=No 1=Yes
liv_emp_inc	Has income from Livestock	factor	0=No 1=Yes

13   Employment_income

Variable	Var label	Var type	Value label
max_tot_biz	Total household income from businesses (emplyoment module)	numeric	
max_tot_crop	Total household income from crops (emplyoment module)	numeric	
max_tot_form	Total household income from formal jobs (emplyoment module)	numeric	
max_tot_inf	Total household income from informal jobs (emplyoment module)	numeric	
max_tot_liv	Total household income from livestock (emplyoment module)	numeric	

14   Forest_income

Variable	Var label	Var type	Value label
fstpdt_expamt	If yes, how much was spent in harvesting $\{fstpdt\_nm\}$?	numeric	
gross_environ_inc	Gross environmental income	numeric	
net_environ_inc	Net environmental income	numeric	

15   Forest_products

Variable	Var label	Var type	Value label
fstpdt_nm	Name of product from the environment	character	
fstpdt_nm2	Name of the product from the environment(english)	character	
fstqty	How much quantity of $\{fstpdt\_nm\}$ was harvested or collected?	numeric	
fstpdt_unt	In what units was $\{fstpdt\_nm\}$ measured after harvest or collectio?	factor	1=Grams 2=Kilograms 3=Liters 4=Numbers 5=Basins 6=2kg packet 7=10kg bag 8=25kg bag 9=50 kg bag 10=100 kg bag 11=Crates 12=Bunches 13=Gorogoro 14=Debe 15=Wheelbarrow 16=Bale 17=Tonnes 18=Canter 19=Packet (e.g salt, cigarattes) 20=Tins (eg milk tins) 21=No harvest yet or No harvest 22=Oxcart 23=Other (please specify)
fstpdt_unt_oth	Please specify if units of measurement for $\{fstpdt\_nm\}$ is other	character	
fstpdt_sl	Was any $\{fstpdt\_nm\}$ sold?	factor	0=No 1=Yes
fstpdt_slqty	How much quantity of $\{fstpdt\_nm\}$ was sold?	numeric	
fstpdt_slpssd	Was the $\{fstpdt\_nm\}$ processed before selling?	factor	0=No 1=Yes
fstpdt_slprc	What was the price for each unit of $\{fstpdt\_nm\}$ sold?	numeric	
fstpdt_exp	Did you spend any money in the harvesting of $\{fstpdt\_nm\}$?	factor	0=No 1=Yes
fstpdt_vl	Total value of forest Product	character	
fst_pdtno	Forest product identifier	numeric	
environ_inc_pdt	Environmental income	numeric	
enviro_pdt_no	Total number of products from the environment	numeric	

16 Geocodes

Variable	Var label	Var type	Value label
geolatitude	Latitude, longitude and altitude of the survey point (latitude)	numeric	
geolongitude	Latitude, longitude and altitude of the survey point (longitude)	numeric	
geoaltitude	Latitude, longitude and altitude of the survey point (altitude)	numeric	
geoaccuracy	Latitude, longitude and altitude of the survey point (accuracy)	numeric	

17 Health

Variable	Var label	Var type	Value label
lv_cnt	How often do you (personally) have direct physical contact with livestock?	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
consev_ent	How often do you (personally) enter protected or conservation areas?	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
mosq_bits	How often do you (personally) have itchy spots from insect bites, e.g. from mosq	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
rash	How often do you (personally) experience rash on your skin?	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
jt_pain	How often do you (personally) experience joint pain?	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
fever	How often do you (personally) have fever (i.e., body temperature over 38°C)?	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day
int_fever	How often do you (personally) have intermitted fever (alternating high/low tempe	factor	1=Never 2=Less than once a month 3=More than once per month 4=More then once per week 5=Every day

Variable	Var label	Var type	Value label
headache	In the past 12 months, what was the longest period of continuous headache that y	numeric	
mosq_ctrl	Does the household take any actions to control mosquitoes on your property?	factor	0=No 1=Yes
net_use	How many members of your household use mosquito nets during sleeping?	factor	1=Nobody 2=Some persons 3=Entire households
ill_6	Has anyone in the household fallen ill in the last 6 months?	factor	0=No 1=Yes
ill_3	Has anyone in the household fallen ill for more than 3 months in the last 2 year	factor	0=No 1=Yes
chron_ill	Does anyone in the household have an illness that has lasted 6 months or more?	factor	0=No 1=Yes
mosq_awre	Are you (personally) aware that mosquitoes and other blood-feeding insects can t	factor	0=No 1=Yes

18   Household_members

Variable	Var label	Var type	Value label
pid	Personal Id	numeric	
ha03	{$name$}s gender?	factor	0=Female 1=Male
age	What is {$name$}s age in complete years?	numeric	
region	Region	factor	
ha_rel	{$name$}s relationship to the household head	factor	1=Head 2=Spouse 3=Daughter or son 4=grand child 5=Other relative (parents of the head or spouse, inlaws etc) 6=Non-relative
less11		character	
worker		character	
migr_itt	Does {$name$} have any intention to temporarily or permanently migrate from this	factor	1=Refuse to answer 2=Dont Know 3=Yes permanently migrate 4=Yes temporarily migrate 5=No intention to migrate
migr_desti	What is {$name$}s preferred destination?	factor	1=Refuse to answer 2=Dont Know 3=Town in region 4=Town outside region 5=Capital city 6=Outside the country

Variable	Var label	Var type	Value label
educ1	What is $\{name\}$s level of education?	factor	1=No formal education 2=Nursey/ Kindergarten/ECD 3=Primary 1 4=Primary 2 5=Primary 3 6=Primary 4 7=Primary 5 8=Primary 6 9=Primary 7 10=Secondary school Year 1 11=Secondary school Year 2 12=Secondary school Year 3 13=Secondary school Year 4 14=Secondary school Year 5 15=Post secondary tertiary college 16=University level 17=Post graduate university level 18=Adult Literacy 19=Religious education 20=96
educ2	Is $\{name\}$ currently attending school?	factor	0=No 1=Yes
educ3	If yes, how much money, has the household spent on $\{name\}$ schooling during the	numeric	
marital	What is $\{name\}$s current marital status?	factor	1=Married monogamously 2=Married polygamous 3=Divorced /Separated 4=Widow/ Widower 5=Never Married
ha07	What is $\{name\}$s ethnic group?	character	
religio	What is $\{name\}$s religion?	factor	1=Refuse to answer 2=Does not know 3=Catholic 4=Protestant demoninantions (incl all non-catholic denominations) 5=Muslim 6=African Traditional religion 7=Non-religious 8=Other (please specify)
in_migrat	Was $\{name\}$ born and raised in this locality?	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
migr_plc	If No, from where did $\{name\}$ migrate to this village?	factor	1=Refuse to answer 2=Donâ€™t know 3=From another village in this constituency 4=From another constituency in Zambezi region 5=From another region in Namibia 6=From another country
mgr_yr	In which year $\{name\}$ migrate to the current locality?	numeric	
mgr_res	What was the main reason for $\{name\}$s migration to the current locality?	factor	1=Refuse to answer 2=Dont know 3=Employment (short or permanent) 4=Education 5=Marriage 6=Divorce 7=Conflict (displacement abduction eviction) 8=Health & medical reasons (including disability) 9=Drought flood or other weather related condition (including grazing) 10=Family reunion 11=Other (please specify)
mgr_res_1	Reason for $\{name\}$s migration, if Other	character	
person		numeric	
ethnic	Ethnic group of the household head	factor	1=Lozi 2=Mafwe 3=Mayeyi 4=Subia 5=Mbalangwe 6=Totela 7=Mbukushu 8=Others/ Unstated

Variable	Var label	Var type	Value label
mgr_res_new	Reason for migrating(translated to english	factor	1=Refuse to answer 2=Dont know 3=Employment (short or permanent) 4=Education 5=Marriage 6=Divorce 7=Conflict (displacement abduction eviction) 8=Health & medical reasons (including disability) 9=Drought flood or other weather related condition (including grazing) 10=Family reunion 11=Land related (incl resetlement)

19 Income_total

Variable	Var label	Var type	Value label
tot_gross_hh_inc	Total Gross household income	numeric	
tot_net_hh_inc	Total Net household income	numeric	

20 Land

Variable	Var label	Var type	Value label
lnd_mes	How is land measured in this region?	factor	1=Acres 2=Hectares 3=Other (please specify)
lnd_mes_1	Please specify if response to land measurement is Other and provide conversion factor?	numeric	
lnd01	Cropland	numeric	
lnd02	Fallow	numeric	
lnd03	Agroforestry or forestry	numeric	
lnd04	Pasture (natural or planted)	numeric	
lnd08	Residential land	numeric	
lnd06	Other land use types	numeric	
lnd07	Total land owned	numeric	
hh_land	Total land owned by a household excluding forestry & pasture land	numeric	

Variable	Var label	Var type	Value label
lnd_ten01	Owndership status of Crop land	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming
lnd_ten02	Ownership status for Fallow	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming
lnd_ten03	Ownership status for Agroforestry or forestry	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming
lnd_ten04	Ownership status for Pasture (natural or planted)	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming
lnd_ten08	Ownership status of residential land	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming
lnd_ten06	Other land use types	factor	1=Refuse to answer 2=Dont Know 3=State owned 4=Private owned with land title 5=Private owned with no land title 6=Leased/rented 7=Communally owned 8=Co-share/ co-farming

(continued)

Variable	Var label	Var type	Value label
Ind_07	Have you ever been involved in a land dispute concerning any of the land parcels	factor	0=No 1=Yes
Ind_08	With whom did you have a land dispute?	factor	1=Within family 2=Other individuals 3=Government 4=Other (please specify)
Ind_09	Where did you go for arbitration to resolve the dispute?	factor	1=Nowhere 2=Clan / Elder 3=Village headman / chairperson 4=Neighbours 5=LC Court 6=Magistrate 7=Tried to sort out ourselves 8=Other (please specify)
Ind_09_1	Please specify if you did arbitration with Other	character	
Ind_10	Was the dispute resolved?	factor	0=No 1=Yes
Ind_11	How likely do you think there will be a dispute over your land ownership in the next 5 years?	factor	1=Very unlikely 2=unlikely 3=Maybe, maybe not 4=Likely 5=Very likely.
Ind_12	Are you taking any action to protect your household from future possible land disputes?	factor	0=No 1=Yes
Ind_13	If yes, what actions are you taking to protect yourself from future disputes or loss of this land	character	
Ind_13_1	Protecting land disputes - Invest in education	factor	0=No 1=Yes
Ind_13_2	Protecting land disputes - Obtain formal document	factor	0=No 1=Yes
Ind_13_3	Protecting land disputes - Demarcate boundaries	factor	0=No 1=Yes
Ind_13_4	Protecting land disputes - Cultivate the land	factor	0=No 1=Yes
Ind_13_5	Protecting land disputes - Invest in the land	factor	0=No 1=Yes
Ind_13_6	Protecting land disputes - avoid fallowing	factor	0=No 1=Yes
Ind_13_7	Protecting land disputes - Stay on the land	factor	0=No 1=Yes
Ind_13_8	Protecting land disputes - Do not rent out land	factor	0=No 1=Yes
Ind_13_9	Protecting land disputes - Seek protection from leaders	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
lnd_13_10	Protecting land disputes - Try to sell the land	factor	0=No 1=Yes
lnd_13_96	Protecting land disputes - Other	factor	0=No 1=Yes
f01	Has the household cleared any land from natural vegetation (including fallow vegetation) in the last 5 years?	factor	0=No 1=Yes
f03	How much area with natural vegetation (including fallow vegetation) was cleared	numeric	
f04	For which purpose was the land cleared?	factor	1=Crops 2=Grazing 3=Buildings 4=Other (please specify)
f04_1	Please specify if purpose for clearing forest is Other	character	
f05	Over the past 5 years, how many trees has the household planted?	numeric	
lnd_14	In general, how has the availability of land changed over the last 5 years?	factor	1=Stay the same 2=Decrease 3=Increase/improve
lnd_15	How do you think the availability of land will change in the next 5 years?	factor	1=Stay the same 2=Decrease 3=Increase/improve
time_land	Meta Data (time it took to complete the land section)	character	
nothing		numeric	
kuta		numeric	
family		numeric	
magi		numeric	

21 Livestock

Variable	Var label	Var type	Value label
liv_id	Livestock Identifier	numeric	
lvstock	Livestock code	factor	1=Cattle 2=Goats 3=Sheep 4=Pigs 5=Chicken 6=Turkeys 7=Ducks 8=Rabbits 9=Donkeys
lvstk_	Has livestock	factor	0=No 1=Yes
lvnumber_	Number of livestock owned	numeric	
num_curr_	Number currently owned	numeric	

(continued)

Variable	Var label	Var type	Value label
sold_	Number sold in the last 12 months	numeric	
ownuse_	Slaughtered for own use	numeric	
lost_	Livestock lost to illness, disease or theft	numeric	
awc_	Losses from wildlife conflicts	numeric	
price_	Price of the Livestock	numeric	
price_no		numeric	
liv_inc	Income from the sale of livestock	numeric	

22   Livestock_expenditure

Variable	Var label	Var type	Value label
liv_pdtsal	In the last 12 months, did you sell any livestock products (milk, sour milk, ghe	factor	0=No 1=Yes
liv_pdt_inc	If yes, what was the total income earned from livestock products in the last 12	numeric	
lvexp01_11	Feed or fodder	numeric	
lvexp02_12	Rent for grazing land	numeric	
lvexp03_13	Medicines, vaccination, insemination and other vet services	numeric	
lvexp04_14	Maintenance of livestocks shelter (pens, barns, kraals etc.)	numeric	
lvexp05_15	Hired labour for livestock management	numeric	
lvexp06_16	Any other livestock related expense (e.g salt)?	numeric	
liv_exp	Total Expenditure on livestock	numeric	

23   Livestock_income

Variable	Var label	Var type	Value label
gross_liv_inc	Gross livestock income	numeric	
net_liv_inc	Net income from livestock	numeric	

24   Networks

Variable	Var label	Var type	Value label
as07	Which of the following functions applies to $\{infper\}$?	character	
as07_1	Networks community function - government worker	factor	0=No 1=Yes
as07_2	Networks community function - religious leader	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
as07_3	Networks community function - traditional/ cultural leader	factor	0=No 1=Yes
as07_4	Networks community function - Teacher or health worker	factor	0=No 1=Yes
as07_5	Networks community function - agricultural innovator / model farmer	factor	0=No 1=Yes
as07_6	Networks community function - Friend	factor	0=No 1=Yes
as07_7	Networks community function - relative	factor	0=No 1=Yes
as07_8	Networks community function - NGO worker	factor	0=No 1=Yes
as07_9	Networks community function - Neighbour	factor	0=No 1=Yes
as07_96	Networks community function - Other important role	factor	0=No 1=Yes
as07__88	Networks community function - Dont know	factor	0=No 1=Yes
as07__99	Networks community function - Refuse to answer	factor	0=No 1=Yes
as08	On how many days in the last 30 days did you have an elaborate conversion with	numeric	
network_no	Network identifying number	numeric	
network_count		numeric	

25 Othersource_all_income

Variable	Var label	Var type	Value label
tot_oth_inc	Total other income	numeric	

26 Othersource_income

Variable	Var label	Var type	Value label
inc_id	Identifier for household other income source	numeric	
inc_source	Other Income source code	factor	1=Remittances 2=Pensions 3=Transfers 4=Compensation 5=PES 6=Rental & Property 7=Other income

Variable	Var label	Var type	Value label
inc1_	Recieved income from this source	factor	0=No 1=Yes
incamt_	Interval of receiving income	numeric	
incint_	Amount received	factor	1=Monthly 2=Every three months 3=Every 6 months 4=Every year
incamt2	Annualised income from other sources	numeric	

27   Resp_chars

Variable	Var label	Var type	Value label
pid	Personal Id	numeric	
ha03	{$name$}s gender?	factor	0=Female 1=Male
age	What is {$name$}s age in complete years?	numeric	
ha_rel	{$name$}s relationship to the household head	factor	1=Head 2=Spouse 3=Daughter or son 4=grand child 5=Other relative (parents of the head or spouse, inlaws etc) 6=Non-relative
res_head	Is the respondent the head of household?	factor	1=Head of household 2=Representative of head

28   Shocks

Variable	Var label	Var type	Value label
shock	Shock code	factor	1=Chronic or severe illness or accident of a household member 2=Death of a household member 3=Household member jailed 4=Fire on property 5=Robbery/burglary 6=Dwelling damaged 7=Drought or extended period of no rain 8=Floods 9=Crop failure 10=Livestock disease/death 11=Livestock theft (including raids) 12=Household business failure 13=Loss of employment 14=Large fall in sale prices for crops and or livestock 15=Large rise in prices of food 16=Large rise in prices of agricultural inputs 17=Loss of land 18=End of regular assistance from outside 19=Ethnic or clan clashes 20=Other conflict or violence
sh_	Was the household affected by this shock in the last 12 months	factor	0=No 1=Yes
shock_times	Number of times the shock happened in the last 12 months	numeric	
shock_effect	Level of effect the shock had on the households	factor	1=Very severe 2=Severe 3=Mild 4=Very mild
resp1	Unconditional help from relatives/friends	factor	0=No 1=Yes
resp2	Unconditional help from government	factor	0=No 1=Yes
resp3	Reduced food or relied on less preferred option	factor	0=No 1=Yes
resp4	Changed cropping practices (crop choices or technology)	factor	0=No 1=Yes
resp5	Household member(s) took on more employment	factor	0=No 1=Yes
resp6	Household member(s) migrated	factor	0=No 1=Yes
resp7	Relied on savings	factor	0=No 1=Yes
resp8	Received insurance pay out	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
resp9	Obtained credit (from formal institutions or friends)	factor	0=No 1=Yes
resp10	Sold household assets	factor	0=No 1=Yes
resp11	Sold livestock	factor	0=No 1=Yes
resp12	Migrated to another place	factor	0=No 1=Yes
resp_nothing	Did nothing	factor	0=No 1=Yes
resp13	Did nothing	factor	0=No 1=Yes
resp15	Used other coping strategies	factor	0=No 1=Yes
shock_num	Number of a shocks a household experienced	numeric	
cop_mech_num	Number of coping mechanisms employed	numeric	

29 Valuechains

Variable	Var label	Var type	Value label
cp_cp07	Did you apply any organic fertilizer (manure) in the cultivation of crops?	factor	0=No 1=Yes
cp_cp08	Did you apply any inorganic fertilizer in the cultivation crops?	factor	0=No 1=Yes
cp_cp09	Did you apply any pesticide or herbicide for crops?	factor	0=No 1=Yes
cp011	What was the source of the organic (manure) fertilizer?	character	
cp011_1	Source of organic manure - own farm	numeric	
cp011_2	Source of organic manure - from other farmers	numeric	
cp011_3	Source of organic manure - from the market	numeric	
cp011_4	Source of organic manure - government	numeric	
cp011_5	Source of organic manure - Provided by NGO	numeric	
cp011__88	Source of organic manure - I dont know	numeric	
cp011__99	Source of organic manure - Refuse to answer	numeric	
cp012	What was the source of the inorganic (chemical) fertilizer?	character	
cp012_1	Source of inorganic manure - agrovet shop	numeric	
cp012_2	Source of inorganic manure - mobile agro dealer	numeric	

Variable	Var label	Var type	Value label
cp012_3	Source of inorganic manure - warehouse/godown	numeric	
cp012_4	Source of inorganic manure - large private company or farm	numeric	
cp012_5	Source of inorganic manure - government	numeric	
cp012_6	Source of inorganic manure - bought from an NGO	numeric	
cp012_7	Source of inorganic manure - free of charge from NGO	numeric	
cp012_8	Source of inorganic manure - from farmer association	numeric	
cp012_96	Source of inorganic manure - Other source of fertilizer	numeric	
cp012__88	Source of inorganic manure - Dont know	numeric	
cp012__99	Source of inorganic manure - Refuse to answer	numeric	
cp09_1	What type of pesticide/ herbicide was applied?	character	
cp09_1_1	Type of pesticide used - Pre-planting herbicide	numeric	
cp09_1_2	Type of pesticide used - Post-planting herbicide	numeric	
cp09_1_3	Type of pesticide used - Insecticides	numeric	
cp09_1_4	Type of pesticide used - Fungicides	numeric	
cp09_1_5	Type of pesticide used - Botanicals (eg neem)	numeric	
cp09_1_6	Type of pesticide used - Nematicide	numeric	
cp09_1_96	Type of pesticide used - Other pesticide	numeric	
cp09_1__88	Type of pesticide used - I dont know	numeric	
cp09_1__99	Type of pesticide used - Refuse to answer	numeric	
cp014	Do you know any farmers in this village who use inorganic fertilizer?	factor	0=No 1=Yes
cp014_1	If yes, how many farmers do you know?	numeric	
cp015	Are you planning to apply inorganic fertilizer in the future?	factor	0=No 1=Yes
cp020	Are you planning to use improved seeds in the future?	factor	0=No 1=Yes
cp019	Do you know any farmers in this village who use improved seeds?	factor	0=No 1=Yes
cp019_1	How many farmers do you know using improved seeds in this village?	numeric	
cp018	What was the source of seeds planted in the previous season?	character	
cp018_1	Source of seeds - my own from previous season	numeric	
cp018_2	Source of seeds - from neighbours	numeric	
cp018_3	Source of seeds - bought from agrovet shop	numeric	

Variable	Var label	Var type	Value label
cp018_4	Source of seeds - bought from mobile agro dealer	numeric	
cp018_5	Source of seeds - bought from warehouse/godown	numeric	
cp018_6	Source of seeds - bought from commercial farm	numeric	
cp018_7	Source of seeds - bought from government	numeric	
cp018_8	Source of seeds - bought from an NGO	numeric	
cp018_9	Source of seeds - free of charge from NGO	numeric	
cp018_10	Source of seeds - from farmer association	numeric	
cp018_96	Source of seeds - from another source	numeric	
sl_open	Did you sell any crops to Direct buyers /open-air market?	factor	0=No 1=Yes
sl_brk	Did you sell any crops to Brokers/ middleman?	factor	0=No 1=Yes
sl_coop	Did you sell any crops to Cooperatives / farmer association?	factor	0=No 1=Yes
sl_lsfam	Did you sell any crops to Large-scale commercial farmers?	factor	0=No 1=Yes
sl_ldg	Did you sell any crops to lodges, hostels, tourism enterprises?	factor	0=No 1=Yes
sl_gov	Did you sell any crops to government (e.g AMTA or Agribusdev)?	factor	0=No 1=Yes
sl_oth	Did you sell any crops to Others?	factor	0=No 1=Yes
sl_oth_1	Please specify if buyer is Other	character	
sl_open_amt	Approximate proportion of crop produce sold to Direct buyers /open-air market	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
sl_brk_amt	Approximate proportion of crop produce sold to Brokers/ middleman	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
sl_coop_amt	Approximate proportion of crop produce sold to Cooperatives / farmer association	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
sl_lsfam_amt	Approximate proportion of crop produce sold to Large-scale commercial farmers	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%

Variable	Var label	Var type	Value label
sl_ldg_amt	Approximate proportion of crop produce sold to lodges, hostels, tourism enterpri	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
sl_gov_amt	Approximate proportion of crop produce sold to government (e.g AMTA or Agribusde	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
sl_oth_amt	Approximate proportion of crop produce sold to Others	factor	1=less than 20% 2=21-40% 3=41-60% 4=61-80% 5=More than 80%
cp03	In which months did you sell most of this crop?	character	
cp03_1	Months of selling most produce - January	numeric	
cp03_2	Months of selling most produce - February	numeric	
cp03_3	Months of selling most produce - March	numeric	
cp03_4	Months of selling most produce - April	numeric	
cp03_5	Months of selling most produce - May	numeric	
cp03_6	Months of selling most produce - June	numeric	
cp03_7	Months of selling most produce - July	numeric	
cp03_8	Months of selling most produce - August	numeric	
cp03_9	Months of selling most produce - September	numeric	
cp03_10	Months of selling most produce - October	numeric	
cp03_11	Months of selling most produce - Novemner	numeric	
cp03_12	Months of selling most produce - December	numeric	
cp_gift	Did you give any crop produce as gifts to other individuals or households	factor	0=No 1=Yes
sl_plc1	In which markets do you sell your produce?	character	
sl_plc1_1	Location of markets - Direct individuals not in a market	numeric	
sl_plc1_2	Location of markets - Market in this village	numeric	
sl_plc1_3	Location of markets - Rural market in the neighbouring village	numeric	
sl_plc1_4	Location of markets - Urban market (town) in this region	numeric	
sl_plc1_5	Location of markets - Large city market in this or other region	numeric	

(continued)

Variable	Var label	Var type	Value label
cp02	How was the crop produce transported to the buyers	character	
cp02_1	How produce was transported - Organized transport myself	numeric	
cp02_2	How produce was transported - broker/middleman	numeric	
cp02_3	How produce was transported - Brought produce to collection point	numeric	
cp02_96	How produce was transported - other transportation	numeric	
lndprep	How did you prepare the land for planting?	character	
lndprep_1	How did you prepare the land for planting? Chiselling	numeric	
lndprep_2	How did you prepare the land for planting? Ploughing	numeric	
lndprep_3	How did you prepare the land for planting? Hallowing	numeric	
lndprep_4	How did you prepare the land for planting? Zero/ Minimum tillage	numeric	
cp021	What equipment/ means did you use for soil preparation before seeding?	character	
cp021_1	soil preparation equipment - hand hoe	numeric	
cp021_2	soil preparation equipment - Animal draft (oxen)	numeric	
cp021_3	soil preparation equipment - tractor	numeric	
cp021_4	soil preparation equipment - Other soil preparation equipment (e.g hands)	numeric	
cp021_source	If tractor and/or oxen, how did you access it?	factor	1=Own private 2=Communally owned (farmer's association) 3=Hired from commercial farm 4=Hired from government 5=Provided free of charge from commercial farm 6=Provided free of charge from government 7=Other (specify)
cp021_source_other	Source of tractor, if other	character	
cp_plantdays	For all the crops, approximately how many days did you spend on planting	numeric	
cp_weedays	For all the crops, approximately how many days did you spend on weeding	numeric	
cp_hvstdays	For all the crops, approximately how many days did you spend on harvesting	numeric	
cp_lbrdays	Approximately, how many days did you use hired labour for farm-related purposes?	numeric	

Variable	Var label	Var type	Value label
cp022	Do you currently irrigate at least one of your land parcels?	factor	0=No 1=Yes
cp023	Do you know any (other) farmers in this village who irrigate their plots?	factor	0=No 1=Yes
cp023_num	How many farmers do you know that irrigate their plots?	numeric	
cp024	Do you plan to irrigate your plot in the future?	factor	0=No 1=Yes
cp025	Have you taken part in any farmer training in the last 5 years?	factor	0=No 1=Yes
irr_num	How many farmer trainings have you taken part in?	numeric	
cp026	Which category describes best the topic of training you had	character	
cp026_1	Seeds/planting	numeric	
cp026_2	Fertilizer type and application	numeric	
cp026_3	Pesticide types and application	numeric	
cp026_4	Land management (erosion control, crop rotate, etc.)	numeric	
cp026_5	Agro-processing	numeric	
cp026_6	Crop storage	numeric	
cp026_7	Marketing	numeric	
cp026_96	Other topic	numeric	
cp026_oth	Category of training if Other	character	
cp027	Who provided the training?	character	
cp027_1	Government (extension officer)	character	
cp027_2	Private company	numeric	
cp027_3	NGO	numeric	
cp027_96	Other training organisation	numeric	
cp027__88	Don't know	numeric	
cp028	In the last 12 months, did you take any loan to finance your agricultural inputs	factor	0=No 1=Yes
cp028_inst	From which institution did you take the loan?	character	
cp028_inst_1	Family, friend or relative	numeric	
cp028_inst_2	Bank	numeric	
cp028_inst_3	Savings & credit Soc	numeric	
cp028_inst_4	Cooperative	numeric	
cp028_inst_5	Trader/trade store	numeric	
cp028_inst_6	Money lender / private individual	numeric	
cp028_inst_7	NGO/Development Project	numeric	
cp029	Are you a member of any agricultural cooperative?	factor	0=No 1=Yes
cp030	Do you intend to join a cooperative in future?	factor	0=No 1=Yes

Variable	Var label	Var type	Value label
cp031	During the last seasons, did you observe any changes with regard to the onset of the short rainy season	factor	1=No changes 2=earlier onset of rain 3=Later onset of rain
crop_residue	What do you normally do with residues crop crops after harvest?	character	
crop_residue_1	Crops had no residue	numeric	
crop_residue_2	Residue was left in field	numeric	
crop_residue_3	residue was burned	numeric	
crop_residue_4	Used for grazing/feeding animals	numeric	
crop_residue_5	For sale	numeric	
crop_residue_96	Other disposal of residues	numeric	
pd_env1	On a scale of 1-5, How much do you agree with the following statements that describe your attitude towards your production environment?	factor	1=Refuse to answer 2=I dont know 3=Strongly disagree 4=Disagree 5=Indifferent (neither nor) 6=Agree 7=Strongly agree
pd_env2	I balance between productivity and environmental constraints	factor	1=Refuse to answer 2=I dont know 3=Strongly disagree 4=Disagree 5=Indifferent (neither nor) 6=Agree 7=Strongly agree
pd_env3	I preserve my environment as best as I can	factor	1=Refuse to answer 2=I dont know 3=Strongly disagree 4=Disagree 5=Indifferent (neither nor) 6=Agree 7=Strongly agree
cp034	How often do you discuss environmental issues related to this community with other community members?	factor	1=Never talk about the environment 2=Sometimes talk about the environment 3=Always / regularly talk about the environment
rank1	Important knowledge sources for farm management decision - rank 1	factor	1=Ancestors experiences 2=Farmer colleagues 3=Own experience 4=Extension service 5=Field days 6=News 7=mobile phone or app

Variable	Var label	Var type	Value label
rank2	Important knowledge sources for farm management decision - rank 2	factor	1=Ancestors experiences 2=Farmer colleagues 3=Own experience 4=Extension service 5=Field days 6=News 7=mobile phone or app
rank3	Important knowledge sources for farm management decision - rank 3	factor	1=Ancestors experiences 2=Farmer colleagues 3=Own experience 4=Extension service 5=Field days 6=News 7=mobile phone or app
rank4	Important knowledge sources for farm management decision - rank 4	factor	1=Ancestors experiences 2=Farmer colleagues 3=Own experience 4=Extension service 5=Field days 6=News 7=mobile phone or app