

DATA LIST FILE='C:\rwanda\ASSETS.DAT' RECORDS=1

/

HHID	1-12	(A)
HV005	13-20	
HV012	21-22	
HV013	23-24	
HV201	25-26	
HV204	27-29	
HV205	30-31	
HV206	32-32	
HV207	33-33	
HV208	34-34	
HV209	35-35	
HV210	36-36	
HV211	37-37	
HV212	38-38	
HV213	39-40	
HV214	41-42	
HV215	43-44	
HV217	45-45	
HV218	46-47	
HV219	48-48	
HV220	49-50	
HV221	51-51	
HV225	52-52	
HV226	53-54	
HV227	55-55	
HV228	56-56	
HV230	57-57	
HV231	58-58	
HV232	59-59	
HV233	60-60	
HV234	61-63	
HV024	64-65	
HV025	66-66	
HV026	67-67	
HV270	68-68	
HV271	69-76	
HML1	77-78	
HML1A	79-79	
HML2	80-81	
SH90	82-82	
SH28D	83-83	
SH101	84-85	
SH201	86-86	
SH202	87-88	
SH35A	149-150	
SHDISTRI	151-152	
SHSTRUCT	153-155	
SH35	156-156	
DOMESTIC	157-157	
OWNLAND	158-158	

H2OPUB	159-159
H2OIRES	160-160
H2OOTH	161-161
OFLUSH	162-162
H2OSPRNG	163-163
SFLUSH	164-164
H2OSURF	165-165
OLAT	166-166
SLAT	167-167
DIRTFLOO	168-168
H2OPWELL	169-169
H2OOWELL	170-170
OVIP	171-171
CEMTFLOO	172-172
DUNGFLOO	173-173
FINFLOO	174-174
SVIP	175-175
LATBUSH	176-176
H2OYARD	177-177
COOKWOOD	178-178
COOKCLEN	179-179
COOKCOAL	180-180
COOKCHAR	181-181
COOKDUNG	182-182
COOKCROP	183-183

VARIABLE LABELS

HHID	"Case Identification"
/HV005	"Sample weight"
/HV012	"Number of de jure members"
/HV013	"Number of de facto members"
/HV201	"Source of drinking water"
/HV204	"Time to get to water source"
/HV205	"Type of toilet facility"
/HV206	"Has electricity"
/HV207	"Has radio"
/HV208	"Has television"
/HV209	"Has refrigerator"
/HV210	"Has bicycle"
/HV211	"Has motorcycle/scooter"
/HV212	"Has car/truck"
/HV213	"Main floor material"
/HV214	"Main wall material"
/HV215	"Main roof material"
/HV217	"Relationship structure"
/HV218	"Line number of head of househ."
/HV219	"Sex of head of household"
/HV220	"Age of head of household"
/HV221	"Has telephone"
/HV225	"Share toilet with other households"
/HV226	"Type of cooking fuel"
/HV227	"Have bednet for sleeping"

/HV228 "Children under 5 slept under bednet last night"
 /HV230 "Place for hand washing"
 /HV231 "Items present: Water, tap"
 /HV232 "Items present: Soap/other cleansing agent"
 /HV233 "Items present: Basin"
 /HV234 "Test salt for Iodine"
 /HV024 "Region"
 /HV025 "Type of place of residence"
 /HV026 "Place of residence"
 /HV270 "Wealth index"
 /HV271 "Wealth index factor score (5 decimals)"
 /HML1 "Number of mosquito nets"
 /HML1A "Number of mosquito nets with specific information"
 /HML2 "Number of children under bednet previous night"
 /SH90 "Natural region"
 /SH28D "Mobile telephone"
 /SH101 "Number of 18-59 sick"
 /SH201 "Death in last 12 months"
 /SH202 "Number of deaths in last 12 months"
 /SH35A "Woman line number for section X"
 /SHDISTRI "District of residence"
 /SHSTRUCT "Structure number"
 /SH35 "Iodine salt test"
 /DOMESTIC "If HH has a domestic worker not related to head"
 /OWNLAND "If household works own or family's agric. land"
 /H2OPUB "If gets water from public piped system"
 /H2OIRES "If piped drinking water in residence"
 /H2OOTH "Other source of drinking water"
 /OFLUSH "If uses a pvt flush toilet"
 /H2OSPRNG "If gets water from a spring"
 /SFLUSH "If has a shared flush toilet"
 /H2OSURF "If gets water from a surface source"
 /OLAT "If uses a private pit latrine"
 /SLAT "If uses a shared pit latrine"
 /DIRTFLOO "If has a dirt or sand floor"
 /H2OPWELL "If gets water from an unprotected well"
 /H2OOWELL "If gets water from an unprotected well"
 /OVIP "If uses a private vip latrine"
 /CEMTFLOO "If has a cement floor (includes vinyl & other floor types)"
 /DUNGFLOO "If has floor made of dung"
 /FINFLOO "If has finished flooring"
 /SVIP "If uses a shared vip latrine"
 /LATBUSH "If uses bush as latrine"
 /H2OYARD "If gets water from a tap in the yard"
 /COOKWOOD "If uses wood or dung as cooking fuel"
 /COOKCLEN "If uses cleaner cooking fuel (electric,gas,kero)"
 /COOKCOAL "If uses coal as cooking fuel"
 /COOKCHAR "If uses charcoal as cooking fuel"
 /COOKDUNG "If uses dung for cooking fuel"
 /COOKCROP "If uses crop residues for cooking fuel"

MISSING VALUE

HV201 (99)
/HV204 (999)
/HV205 (99)
/HV206 (9)
/HV207 (9)
/HV208 (9)
/HV209 (9)
/HV210 (9)
/HV211 (9)
/HV212 (9)
/HV213 (99)
/HV214 (99)
/HV215 (99)
/HV219 (9)
/HV220 (99)
/HV221 (9)
/HV225 (9)
/HV226 (99)
/HV227 (9)
/HV228 (9)
/HV230 (9)
/HV231 (9)
/HV232 (9)
/HV233 (9)
/HV234 (999)
/HV026 (9)
/HML1 (99)
/HML2 (99)
/SH28D (9)
/SH101 (99)
/SH201 (9)
/SH202 (99)
/SH35A (99)
/SH35 (9)

.
VALUE LABELS

HV201
10 "PIPED"
11 "Piped into dwelling"
12 "Piped into compound/plot"
13 "Public tap"
20 "OPEN WELL"
21 "Open well in dwelling"
22 "Open well in yard/plot"
23 "Open public well"
30 "PROTECTED"
31 "Protected well in dwelling"
32 "Protected well in yard/plot"
33 "Protected public well"
40 "SURFACE"
41 "Spring"

42 "River, stream"
 43 "Pond, lake"
 44 "Dam"
 51 "Rainwater"
 61 "Tanker truck"
 71 "Bottled water"
 96 "Other"
 /HV204
 996 "On premises"
 /HV205
 10 "FLUSH TOILET"
 11 "Flush toilet"
 20 "PIT TOILET LATRINE"
 21 "Latrine"
 22 "Improved pit latrine"
 30 "NO FACILITY"
 31 "No facility, bush, field"
 96 "OTHER"
 /HV206
 0 "No"
 1 "Yes"
 /HV207
 0 "No"
 1 "Yes"
 /HV208
 0 "No"
 1 "Yes"
 /HV209
 0 "No"
 1 "Yes"
 /HV210
 0 "No"
 1 "Yes"
 /HV211
 0 "No"
 1 "Yes"
 /HV212
 0 "No"
 1 "Yes"
 /HV213
 10 "NATURAL"
 11 "Earth, sand"
 12 "Dung"
 20 "RUDIMENTARY"
 21 "Wood planks"
 22 "Palm, bamboo"
 30 "FINISHED"
 31 "Parquet, polished wood"
 32 "Linoleum"
 33 "Ceramic tiles"
 34 "Cement"
 35 "Carpet"

96 "OTHER "
 /HV214
 10 "NATURAL"
 20 "RUDIMENTARY"
 30 "FINISHED"
 96 "OTHER "
 /HV215
 10 "NATURAL"
 20 "RUDIMENTARY"
 30 "FINISHED"
 96 "OTHER "
 /HV217
 0 "No adults"
 1 "One adult"
 2 "Two adults, opp. sex"
 3 "Two adults, same sex"
 4 "Three+ related adult"
 5 "Unrelated adults"
 /HV219
 1 "Male"
 2 "Female"
 /HV220
 97 "97+ "
 98 "DK"
 /HV221
 0 "No"
 1 "Yes"
 /HV225
 0 "No"
 1 "Yes"
 /HV226
 1 "Electricity"
 2 "LPG, natural gas"
 3 "Biogas"
 4 "Kerosene"
 5 "Coal, lignite"
 6 "Charcoal"
 7 "Firewood, straw"
 8 "Dung"
 96 "Other"
 /HV227
 0 "No"
 1 "Yes"
 /HV228
 0 "No"
 1 "All children"
 2 "Some children"
 3 "No bednet in HH"
 /HV230
 0 "Nowhere"
 1 "In dwelling/yard/plot"
 2 "Somewhere else"

/HV231
 0 "No"
 1 "Yes"
 /HV232
 0 "No"
 1 "Yes"
 /HV233
 0 "No"
 1 "Yes"
 /HV234
 0 "0 PPM (No Iodine)"
 7 "7 PPM"
 15 "15 PPM"
 30 "30 PPM"
 994 "Salt not tested"
 995 "No salt in household"
 /HV024
 1 "Ville de Kigali"
 2 "Kigali Ngali"
 3 "Gitarama"
 4 "Butare"
 5 "Gikongoro"
 6 "Cyangugu"
 7 "Kibuye"
 8 "Gisenyi"
 9 "Ruhengeri"
 10 "Byumba"
 11 "Umutara"
 12 "Kigungo"
 /HV025
 1 "Urban"
 2 "Rural"
 /HV026
 0 "Capital, large city"
 1 "Small city"
 2 "Town"
 3 "Countryside"
 /HV270
 1 "Poorest"
 2 "Poorer"
 3 "Middle"
 4 "Richer"
 5 "Richest"
 /HML1
 98 "Don't know"
 /SH90
 1 "City of Kigali"
 2 "South"
 3 "West"
 4 "North"
 5 "East"
 /SH28D

0 "No"
 1 "Yes"
 /SH201
 0 "No"
 2 "Yes"
 8 "DK"
 /SH35
 1 "0 PPM (No iodine)"
 2 "< 15 PPM"
 3 "> 15 PPM"
 4 "No salt in HH"
 5 "Salt not tested"
 /DOMESTIC
 0 "No domestic worker"
 1 "At least one domestic worker (female)"
 /OWNLAND
 0 "Does not work own or family's agricultural land"
 1 "Works own or family's land"
 /H2OPUB
 0 "No public piped water"
 1 "Uses public piped water"
 /H2OIRES
 0 "No piped water in residence"
 1 "Has piped water in residence"
 /H2OOTH
 0 "No other type of source"
 1 "Other type of source of drinking water"
 /OFLUSH
 0 "No private flush toilet"
 1 "Uses a private flush toilet"
 /H2OSPRNG
 0 "No water from a spring"
 1 "Gets water from a spring"
 /SFLUSH
 0 "No shared flush toilet"
 1 "Has a shared flush toilet"
 /H2OSURF
 0 "No water from a surface source"
 1 "Gets water from a surface source"
 /OLAT
 0 "No private pit latrine"
 1 "Uses a private pit latrine"
 /SLAT
 0 "No shared pit latrine"
 1 "Uses a shared pit latrine"
 /DIRTFLOO
 0 "No dirt or sand floor"
 1 "Has dirt or sand floor"
 /H2OPWELL
 0 "No water from an unprotected well"
 1 "Gets water from an unprotected well"
 /H2OOWELL


```

    0 "No water from unprotected well"
    1 "Gets water from unprotected well"
/OVIP
    0 "No private vip latrine"
    1 "Uses a private vip latrine"
/CEMTFLOOR
    0 "No cement floor"
    1 "Has cement floor"
/DUNGFLOOR
    0 "No dung floor"
    1 "Has dung floor"
/FINFLOOR
    0 "No finished flooring"
    1 "Has finished flooring"
/SVIP
    0 "No shared vip latrine"
    1 "Uses a shared vip latrine"
/LATBUSH
    0 "No bush for latrine"
    1 "Uses bush for latrine"
/H2OYARD
    0 "No water from tap in yard"
    1 "Gets water from a tap in the yard"
/COOKWOOD
    0 "Does not use wood or dung as cooking fuel"
    1 "Uses wood or dung as cooking fuel"
/COOKCLEAN
    0 "Does not use cleaner cooking fuel"
    1 "Uses cleaner cooking fuel"
/COOKCOAL
    0 "Does not use coal as cooking fuel"
    1 "Uses coal as cooking fuel"
/COOKCHAR
    0 "Does not use charcoal for cooking fuel"
    1 "Uses charcoal for cooking fuel"
/COOKDUNG
    0 "Does not use dung for cooking fuel"
    1 "Uses dung for cooking fuel"
/COOKCROP
    0 "Crop residues not used for cooking fuel"
    1 "Crop residues used for cooking fuel"

```

FREQ oflush sflush.

COMPUTE flush = 0.

IF (oflush = 1 | sflush = 1) flush = 1.

VAR LABELS flush "if hh uses a flush toilet".

VAL LABELS flush0 "no flush toilet"

1 "uses flush toilet".

EXECUTE.

FREQ flush.

```

COMPUTE landline = 0.
IF (hv221 = 1 & sh28d = 0) landline = 1.
VAR LABELS landline "if hh has a landline telephone".
VAL LABELS landline 0 "no landline telephone"
                1 "has landline telephone".

COMPUTE cellphon = 0.
IF (sh28d = 1) cellphon = 1.
VAR LABELS cellphon "if hh has a cellular phone".
VAL LABELS cellphon 0 "hh does not have a cell phone"
                1 "hh has a cell phone".

EXECUTE.
FREQ landline cellphon bothph.

COMPUTE bothph = 0.
IF (hv221 = 1 & sh28d = 1) bothph = 1.
VAR LABELS bothph "if hh has both types of phones".
VAL LABELS bothph 0 "not both"
                1 "has both".

EXECUTE.
FREQ bothph.

freq hv221.
freq sh28d.

```

```

FACTOR
/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 ownland
h2opub h2oires h2ooth h2osprng h2osurf olat slat dirtfloo
h2opwell h2oowell ovip cemtfloo dungfloo finfloo svip latbush
h2oyard
cookwood cookclen cookcoal cookchar cookdung flush landline
cellphon /MISSING MEANSUB /ANALYSIS hv206 hv207 hv208 hv209
hv210 hv211
hv212 ownland h2opub h2oires h2ooth h2osprng h2osurf
olat slat dirtfloo h2opwell h2oowell ovip cemtfloo dungfloo
finfloo svip
latbush h2oyard cookwood cookclen cookcoal cookchar cookdung
flush
landline cellphon
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

```

```

save outfile="c:\rwanda\assets.sav".
COMPUTE hmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hmemwt 'HH members weighting for Index' .
EXECUTE.

WEIGHT
BY hmemwt .
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER ANALYSIS .

RECODE
fac1_1
(Lowest thru -0.4242572197389=1) (-0.4242572197389 thru
-0.335297234126=2) (-0.335297234126 thru
-0.2740834400471=3) (-0.2740834400471 thru -0.1043162129877=4)
(-0.1043162129877 thru Highest=5) INTO
wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile="c:\rwanda\scores.dat" records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 ownland
h2opub h2oires h2ooth h2osprng h2osurf olat slat dirtfloo
h2opwell h2oowell ovip centfloo dungfloo finfloo svip latbush
h2oyard
cookwood cookclem cookcoal cookchar cookdung flush landline
cellphon BY wlthind5
/CELLS MEAN .

FREQ wlthind5.
WEIGHT OFF.
FREQ wlthind5.

```