DATA LIST FILE='c:\hnp2\mali00\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
   SH28D      64-64
   SH28E      65-65
   SH28F      66-66
   SH28G      67-67
   SH28H      68-68
   SHCONCES   69-71
   SHCERCLE   72-72
   SH35       73-75
   HV024      76-76
   HV025      77-77
   HV026      78-78
   DOMESTIC   79-79
   OWNLAND    80-80
.
VARIABLE LABELS
   HHID     "Case Identification       -NA"
   /HV005    "Sample weight"
   /HV012    "Number of de jure members"
   /HV013    "Number of de facto members"
<table>
<thead>
<tr>
<th>Variable</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV201</td>
<td>&quot;Source of drinking water&quot;</td>
</tr>
<tr>
<td>HV204</td>
<td>&quot;Time to get to water source&quot;</td>
</tr>
<tr>
<td>HV205</td>
<td>&quot;Type of toilet facility&quot;</td>
</tr>
<tr>
<td>HV206</td>
<td>&quot;Has electricity&quot;</td>
</tr>
<tr>
<td>HV207</td>
<td>&quot;Has radio&quot;</td>
</tr>
<tr>
<td>HV208</td>
<td>&quot;Has television&quot;</td>
</tr>
<tr>
<td>HV209</td>
<td>&quot;Has refrigerator&quot;</td>
</tr>
<tr>
<td>HV210</td>
<td>&quot;Has bicycle&quot;</td>
</tr>
<tr>
<td>HV211</td>
<td>&quot;Has motorcycle/scooter&quot;</td>
</tr>
<tr>
<td>HV212</td>
<td>&quot;Has car/truck&quot;</td>
</tr>
<tr>
<td>HV213</td>
<td>&quot;Main floor material&quot;</td>
</tr>
<tr>
<td>HV214</td>
<td>&quot;Main wall material&quot;</td>
</tr>
<tr>
<td>HV215</td>
<td>&quot;Main roof material&quot;</td>
</tr>
<tr>
<td>HV217</td>
<td>&quot;Relationship structure&quot;</td>
</tr>
<tr>
<td>HV218</td>
<td>&quot;Line number of head of househ.&quot;</td>
</tr>
<tr>
<td>HV219</td>
<td>&quot;Sex of head of household&quot;</td>
</tr>
<tr>
<td>HV220</td>
<td>&quot;Age of head of household&quot;</td>
</tr>
<tr>
<td>HV221</td>
<td>&quot;Has telephone&quot;</td>
</tr>
<tr>
<td>HV225</td>
<td>&quot;Share toilet with other households&quot;</td>
</tr>
<tr>
<td>HV226</td>
<td>&quot;Type of cooking fuel&quot;</td>
</tr>
<tr>
<td>HV227</td>
<td>&quot;Have bednet for sleeping&quot;</td>
</tr>
<tr>
<td>HV228</td>
<td>&quot;Children under 5 slept under bednet last night&quot;</td>
</tr>
<tr>
<td>HV230</td>
<td>&quot;Place for hand washing&quot;</td>
</tr>
<tr>
<td>HV231</td>
<td>&quot;Items present: Water, tap&quot;</td>
</tr>
<tr>
<td>HV232</td>
<td>&quot;Items present: Soap/other cleansing agent&quot;</td>
</tr>
<tr>
<td>HV233</td>
<td>&quot;Items present: Basin&quot;</td>
</tr>
<tr>
<td>HV234</td>
<td>&quot;Test salt for Iodine&quot;</td>
</tr>
<tr>
<td>SH28D</td>
<td>&quot;Does hh have horse-drawn cart&quot;</td>
</tr>
<tr>
<td>SH28E</td>
<td>&quot;Does hh have plow&quot;</td>
</tr>
<tr>
<td>SH28F</td>
<td>&quot;Does hh have horse&quot;</td>
</tr>
<tr>
<td>SH28G</td>
<td>&quot;Does hh have wheel barrow&quot;</td>
</tr>
<tr>
<td>SH28H</td>
<td>&quot;Does hh have donkey&quot;</td>
</tr>
<tr>
<td>SHCONCES</td>
<td>&quot;Concession&quot;</td>
</tr>
<tr>
<td>SHCERCLE</td>
<td>&quot;Cercle&quot;</td>
</tr>
<tr>
<td>SH35</td>
<td>&quot;Level of iodine&quot;</td>
</tr>
<tr>
<td>HV024</td>
<td>&quot;Region&quot;</td>
</tr>
<tr>
<td>HV025</td>
<td>&quot;Type of place of residence&quot;</td>
</tr>
<tr>
<td>HV026</td>
<td>&quot;Place of residence&quot;</td>
</tr>
<tr>
<td>DOMESTIC</td>
<td>&quot;If HH has a domestic worker not related to head&quot;</td>
</tr>
<tr>
<td>OWNLAND</td>
<td>&quot;If household works own or family's agric. land&quot;</td>
</tr>
</tbody>
</table>

MISSING VALUE

<table>
<thead>
<tr>
<th>Variable</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>HV201</td>
<td>(99)</td>
</tr>
<tr>
<td>HV204</td>
<td>(999)</td>
</tr>
<tr>
<td>HV205</td>
<td>(99)</td>
</tr>
<tr>
<td>HV206</td>
<td>(9)</td>
</tr>
<tr>
<td>HV207</td>
<td>(9)</td>
</tr>
<tr>
<td>HV208</td>
<td>(9)</td>
</tr>
<tr>
<td>HV209</td>
<td>(9)</td>
</tr>
<tr>
<td>HV210</td>
<td>(9)</td>
</tr>
<tr>
<td>HV211</td>
<td>(9)</td>
</tr>
<tr>
<td>HV212</td>
<td>(9)</td>
</tr>
</tbody>
</table>
VALUE LABELS
HV201
10 "PIPED WATER"
20 "OPEN WELL WATER"
30 "COVERED WELL/BOREHOLE"
40 "SURFACE WATER"
51 "Rainwater"
61 "Tanker truck"
71 "Bottled water"
96 "Other"
HV204
996 "On premises"
HV205
10 "FLUSH TOILET"
20 "PIT TOILET LATRINE"
30 "NO FACILITY"
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"
 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 "Rural"
/HV026
  0 "Capital, large city"
  1 "Small city"
  2 "Town"
  3 "Countryside"
/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"
.
* {Reset missing values to "does not have"} .
if (missing(hv206)) hv206=0.
if (missing(hv207)) hv207=0.
if (missing(hv208)) hv208=0.
if (missing(hv209)) hv209=0.
if (missing(hv210)) hv210=0.
if (missing(hv211)) hv211=0.
if (missing(hv212)) hv212=0.
if (missing(hv221)) hv221=0.
if (missing(hv225)) hv225=0.
if (missing(sh28d)) sh28d=0.
if (missing(sh28e)) sh28e=0.
if (missing(sh28f)) sh28f=0.
if (missing(sh28g)) sh28g=0.
if (missing(sh28h)) sh28h=0.

* {Construct Variables} .

* {Drinking water supply} .
compute h2oires=0.
if (hv201=11) h2oires=1.
compute h2oores=0.
if (hv201=12) h2oores=1.
compute h2opiPUB=0.
if (hv201=13) h2opiPUB=1.
compute h2oO1wel=0.
if (hv201=21) h2oO1wel=1.
compute h2oO2wel=0.
if (hv201=22) h2oO2wel=1.
compute h2oO3wel=0.
if (hv201=23) h2oO3wel=1.
compute h2ob1wel=0.
if (hv201=31) h2ob1wel=1.
compute h2ob2wel=0.
if (hv201=32) h2ob2wel=1.
compute h2ob3wel=0.
if (hv201=33) h2ob3wel=1.
compute h2o2surf=0.
if (hv201=42) h2o2surf=1.
compute h2o3surf=0.
if (hv201=43) h2o3surf=1.
compute h2o4surf=0.
if (hv201=44) h2o4surf=1.
compute h2osprng=0.
if (hv201=41) h2osprng=1.
compute h2orain=0.
if (hv201=51) h2orain=1.
compute h2otruck=0.
if (hv201=61) h2otruck=1.
compute h2obottl=0.
if (hv201=71) h2obottl=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.

VARIABLE LABELS
  H2OIRES  "if piped drinking water in residence"
  /H2Oores "if uses water that is piped into the building"
  /H2OpiPUB "if uses a public faucet (piped)"
  /H2Oo1WEL "if has an open well 1"
  /H2Oo2WEL "if has an open well 2"
  /H2Oo3WEL "if has an open well 3"
  /H2Ob1WEL "if uses covered well 1 for drinking water"
  /H2Ob2WEL "if uses covered well 2 for drinking water"
  /H2Ob3WEL "if uses covered well 3 for drinking water"
  /H2O2SURF "if uses river, canal or surface water for drinking 2"
  /H2O3SURF "if uses river, canal or surface water for drinking 3"
  /H2O4SURF "if uses river, canal or surface water for drinking 4"
  /H2Osprng "if spring for drinking water"
  /H2ORAIN "if rain for drinking water"
  /H2OTRUCK "if gets drinking water from tanker truck"
  /H2OBOTT "if uses bottled water"
  /H2OOTH "Other source of drinking water"

VALUE LABELS
  H2OIRES  1 "if piped drinking water in residence"
  /H2Oores 1 "if uses water that is piped into the building"
  /H2OpiPUB 1 "if uses a public faucet (piped)"
  /H2Oo1WEL 1 "if has an open well 1"
  /H2Oo2WEL 1 "if has an open well 2"
  /H2Oo3WEL 1 "if has an open well 3"
  /H2Ob1WEL 1 "if uses covered well 1 for drinking water"
  /H2Ob2WEL 1 "if uses covered well 2 for drinking water"
  /H2Ob3WEL 1 "if uses covered well 3 for drinking water"
  /H2O2SURF 1 "if uses river, canal or surface water for drinking 2"
  /H2O3SURF 1 "if uses river, canal or surface water for drinking 3"
  /H2O4SURF 1 "if uses river, canal or surface water for drinking 4"
H2O4SURF 1 "if uses river, canal or surface water for drinking"
H2Osprng 1 "if spring for drinking water"
H2ORAIN 1 "if rain for drinking water"
H2OTRUCK 1 "if gets drinking water from tanker truck"
H2OBOTTLE 1 "if uses bottled water"
H2OOTH 1 "Other source of drinking water"

*  {Toilet facility}.
compute flush=0.
if (hv205=11 and hv225=0)  flush=1.
compute latpit=0.
if (hv205=21 and hv225=0) latpit=1.
compute latvip=0.
if (hv205=22 and hv225=0) latvip=1.
compute sflush=0.
if (hv205=11 and hv225=1) sflush=1.
compute slatpit=0.
if (hv205=21 and hv225=1) slatpit=1.
compute slatvip=0.
if (hv205=22 and hv225=1) slatvip=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

VARIABLE LABELS
  Flush   "if uses a flush toilet in residence/private"
  LATPIT  "if uses a pit latrine"
  LATVIP  "if uses a ventilated improved pit latrine"
  sFlush  "if uses a shared flush toilet in residence/private"
  sLATPIT "if uses a shared pit latrine"
  sLATVIP "if uses a shared ventilated improved pit latrine"
  LATBUSH "if uses bush, field as latrine"
  LATOOTH "if other type of latrine"

VALUE LABELS
  Flush  1  "if uses a flush toilet in residence/private"
  LATPIT 1  "if uses a pit latrine"
  LATVIP 1  "if uses a ventilated improved pit latrine"
  sFlush 1  "if uses a shared flush toilet in residence/private"
  sLATPIT 1  "if uses a shared pit latrine"
  sLATVIP 1  "if uses a shared ventilated improved pit latrine"
  LATBUSH 1  "if uses bush, field as latrine"
  LATOOTH 1  "if other type of latrine"

*  {Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.

8
compute woodfloo=0.
if (hv213=21) woodfloo=1.
compute tilefloo=0.
if (hv213=31) tilefloo=1.
compute cemtfloo=0.
if (hv213=32) cemtfloo=1.
compute parqfloo=0.
if (hv213=33) parqfloo=1.
compute vinlfloo=0.
if (hv213=34) vinlfloo=1.
compute brckfloo=0.
if (hv213=35) brckfloo=1.
compute othfloo=0.
if (hv213=96) othfloo=1.

VARIABLE LABELS
DIRTFLOO "if has dirt, sand, dung as principal floor in dwelling"
/WOODFLOO "if has wood, plank principal floor in dwelling"
/CEMTFLOO "if has cement principal floor"
/PARQFLOO "if has parquet or polished wood floors"
/TILEFLOO "if has tiles for main flooring material"
/VINLFLOO "if has vinyl or asphalt strips as flooring material"
/BRCKFLOO "if has bricks for principal floor"
/OTHFLOO "if has other type of flooring"
.
VALUE LABELS
DIRTFLOO
  0 "No dirt floor"
  1 "Dirt floor"
/WOODFLOO
  0 "No wood floor"
  1 "Wood floor"
/CEMTFLOO
  0 "No cement floor"
  1 "Has cement floor"
/PARQFLOO
  0 "No parquet floors"
  1 "Has parquet floors"
/TILEFLOO
  0 "No tile floor"
  1 "Has tile floor"
/VINLFLOO
  0 "No vinyl or asphalt strip floor"
  1 "Has vinyl or asphalt strip floor"
/OTHFLOO
  0 "No other type of flooring"
  1 "Has other type of flooring"
/BRCKFLOO
  0 "No brick flooring"
  1 "Has brick flooring"
.
* {Cooking fuel} .
compute cookelec =0.
if (hv226=1) cookelec =1.
compute cookgas =0.
if (hv226=2) cookgas =1.
compute cookbio =0.
if (hv226=3) cookbio =1.
compute cookkero =0.
if (hv226=4) cookkero =1.
compute cookcoal =0.
if (hv226=5) cookcoal =1.
compute cookchar =0.
if (hv226=6) cookchar =1.
compute cookwood =0.
if (hv226=7) cookwood =1.
compute cookdung =0.
if (hv226=8) cookdung =1.
compute cooknone =0.
if (hv226=9) cooknone =1.
compute cookoth =0.
if (hv226=96) cookoth =1.

VARIABLE LABELS
COOKWOOD "if uses wood as cooking fuel"
/COOKDUNG "if uses dung, manure as cooking fuel"
/COOKCOAL "if uses coal as cooking fuel"
/COOKCHAR "if uses charcoal for cooking"
/COOKKERO "if uses kerosene as cooking fuel"
/COOKGAS "if uses gas as cooking fuel"
/COOKBIO "if uses biogas as cooking fuel"
/COOKELEC "if uses electricity as cooking fuel"
/COOKOTH "if uses other cooking fuel"
/COOKNONE "if (does not cook"
.
VALUE LABELS
COOKWOOD
  0 "Does not use wood as cooking fuel"
  1 "Uses wood as cooking fuel"
/COOKDUNG
  0 "Does not use dung, manure as cooking fuel"
  1 "Uses dung, manure as cooking fuel"
/COOKCOAL
  0 "Does not use coal as cooking fuel"
  1 "Uses coal as cooking fuel"
/COOKCHAR
  0 "No charcoal for cooking"
  1 "Cooks with charcoal"
/COOKKERO
  0 "Does not use kerosene as cooking fuel"
  1 "Uses kerosene as cooking fuel"
/COOKGAS
  0 "Does not use gas as cooking fuel"
  1 "Uses gas as cooking fuel"
execute.

FACTOR
/VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv221 sh28d sh28e
   sh28f sh28g sh28h domestic ownland h2oires h2oores h2opipub
   h2o1wel
   h2oo2wel h2oo3wel h2ob1wel h2ob2wel h2ob3wel h2o2surf h2o3surf
   h2o4surf
   h2osprng h2otruck h2obottl h2ooth flush latpit latvip sflush
   slatpit slatvip
   latbush latoth dirtfloo woodfloo tilefloo cemtfloo parqflloo
   vinlfloo
   brckfloo othfloo cookelec cookgas cookbio cookkero cookcoal
   cookchar
cookwood cookdung cookoth  /MISSING MEAN SUB /ANALYSIS hv206
hv207 hv208
   hv209 hv210 hv211 hv221 sh28d sh28e sh28f sh28g sh28h
   domestic ownland
   h2oires h2oores h2opipub h2o1wel h2o2wel h2o3wel h2o4wel
   h2ob1wel
   h2ob2wel h2o2surf h2o3surf h2o4surf h2osprng h2otruck h2obottl
   h2ooth flush
   latpit latvip sflush slatpit slatvip latbush latoth dirtfloo
   woodfloo
tilefloo cemtfloo parqflloo vinlfloo brckfloo othfloo cookelec
   cookgas
cookbio cookkero cookcoal cookchar cookwood cookdung cookoth
   /PRINT UNIVARIATE INITIAL EXTRACTION
   /CRITERIA FACTORS(1) ITERATE(25)
   /EXTRACTION PC
   /ROTATION NORotate
   /SAVE REG(ALL)
   /METHOD=CORRELATION .

save outfile="c:\hn p2\mali00\assets.sav".

COMPUTE hhmemwt = hv005/1000000 * hv012 .

11
VARIABLE LABELS hhmemwt 'HH members weighting for Index'.

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

RANK
VARIABLES = fac1_1
/NTILES(5) INTO wthind5
/PRINT = NO
/TIES = MEAN .
VARIABLE LABELS wthind5 'Wealth Index Quintiles'.
VALUE LABELS
   wthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5 "Highest".

weight off.
do if (missing(wthind5)).
recode fac1_1 (lo thru -0.6434316436667351=1)(-0.6434316436667351 thru -0.42950645045260794=2)
   (-0.42950645045260794 thru -0.180548694324944=3)(-
0.180548694324944 thru 0.5387294457401093=4)
   (0.5387294457401093 thru hi=5) into wthind5.
end if.

write outfile='c:\hnp2\mali01\scores.dat' records=1 table
/hhid fac1_1 wthind5.
execute.

MEANS
   TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh28d
   sh28e
   sh28f sh28g sh28h domestic ownlnd h2oires h2oores h2opipub
   h2oolwel
   h2oo2wel h2oo3wel h2ob1wel h2ob2wel h2ob3wel h2o2surf h2o3surf
   h2o4surf
   h2osprng h2otruck h2obott1 h2ooth flush latpit latvip sflush
   slatpit slatvip
   latbush latoth dirtfloot woodfloot tilefloot cemtfloot parqfloo
   vln1floo
   brckfloot othfloot cookelec cookgas cookbio cookkero cookcoal
   cookchar
   cookwood cookdung cookoth
   BY
   hv025 by wthind5
WEIGHT OFF.

DESCRIPTIVES
   VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv221 sh28d sh28e sh28f sh28g sh28h domestic ownland h2oires h2oores h2opipub h2o1wel h2oo2wel h2oo3wel h2ob1wel h2ob2wel h2ob3wel h2o2surf h2o3surf h2o4surf h2osprng h2otruck h2obottl h2ooth flush latpit latvip sflush slatpit slatvip latbush latoth dirtfloo woodfloo tilefloo cemtfloo parqfloo vinlfloo brckfloo othfloo cookelec cookgas cookbio cookkero cookcoal cookchar cookwood cookdung cookoth /STATISTICS=MEAN STDDEV MIN MAX .

save outfile="c:\hnp2\mali01\assets.sav".