DATA LIST FILE='ASSETS.DAT' RECORDS=1 /
   HHID        1-12   (A)
   HV005      13-20
   HV012      21-22
   HV013      23-24
   HV201      25-26
   HV202      27-28
   HV203      29-29
   HV204      30-32
   HV205      33-34
   HV206      35-35
   HV207      36-36
   HV208      37-37
   HV209      38-38
   HV210      39-39
   HV211      40-40
   HV212      41-41
   HV213      42-43
   HV214      44-45
   HV215      46-47
   HV216      48-49
   HV217      50-50
   HV218      51-52
   HV219      53-53
   HV220      54-55
   HV221      56-56
   HV222      57-58
   SHPROV     59-60
   SHDEPART   61-63
   SHCONCES   64-66
   SHNUMBER   67-68
   SHZONE     69-69
   SH16A      70-71
   SH17A      72-72
   SH19F      73-73
   HV024      74-75
   HV025      76-76
   HV026      77-77
   DOMESTIC   78-78
   OWNLAND    79-79
.
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"
   HV202    "Source of non-drinking wa - NA"
   HV203    "Same source of water - NA"
   HV204    "Time to get to water source"
   HV205    "Type of toilet facility"
"Has electricity"
"Has radio"
"Has television"
"Has refrigerator"
"Has bicycle"
"Has motorcycle"
"Has car"
"Main floor material"
"Main wall material - NA"
"Main roof material - NA"
"Rooms for sleeping"
"Relationship structure"
"Line number of head of household"
"Sex of head of household"
"Age of head of household"
"Has telephone"
"Type of salt used for cooking"
"Province of residence"
"Department"
"Number of the concession"
"Number of household"
"Zone for intervention"
"Source of water in the rainy season"
"Uses filter for water"
"Electric/gas stove"
"Region"
"Type of place of residence"
"Place of residence"
"If HH has a domestic worker not related to head"
"If household works own or family's agric. land"

MISSING VALUE
HV201 (99)
HV204 (999)
HV205 (99)
HV206 (9)
HV207 (9)
HV208 (9)
HV209 (9)
HV210 (9)
HV211 (9)
HV212 (9)
HV213 (99)
HV216 (99)
HV219 (9)
HV220 (99)
HV221 (9)
HV222 (99)
SH16A (99)
SH17A (9)
SH19F (9)
HV026 (9)
VALUE LABELS

HV201
12 "Piped into residence"
13 "Piped public tap"
21 "Well in residence"
22 "Public well"
23 "Borehole"
31 "Spring"
32 "River/stream"
33 "Pond/lake"
34 "Dam"
51 "Bottled water"
61 "Water vender"
96 "Other"

/HV204
996 "On premises"

/HV205
10 "FLUSH"
11 "Personal toilet"
12 "Toilet in common"
20 "PIT LATRINE"
21 "Simple latrine"
22 "Ventilated latrine"
30 "NO FACILITIES"
31 "No facilities"
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 "Sand"
12 "Dirt"
20 "RUDIMENTARY"
30 "FINISHED"
32 "Vinyl"
33 "Tile"
34 "Cement"
35 "Carpet"
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"

/HV222
0 "No salt available"
1 "Local salt"
2 "Pkgd salt-iodized"
3 "Pkgd salt-noniodized"
4 "Salt for animals"
5 "Loose salt"
96 "Other"

/SHPROV
1 "Bam"
2 "Bazega"
4 "Boulgou"
5 "Boulikiemde"
6 "Comoe"
7 "Ganzourgou"
8 "Gnagna"
9 "Gourma"
10 "Houet"
11 "Kadioogo"
12 "Kenedougou"
13 "Kossi"
14 "Kouritenga"
15 "Mouhoun"
16 "Nahouri"
17 "Namentenga"
18 "Oubritenga"
19 "Oudalan"
20 "Passore"
21 "Poni"
22 "Sanguie"
23 "Sanmatenga"
24 "Seno"
25 "Sissili"
26 "Soum"
27 "Sourou"
28 "Tapoa"
29 "Yatenga"
30 "Zoundweogo"
31 "Les Bales"
32 "Banwa"
33 "Ioba"
36 "Koulpelogo"
37 "Kourweogo"
39 "Loroum"
40 "Nayala"
43 "Yagha"
44 "Ziro"
45 "Zondoma"

/SHZONE
  0 "No"
  1 "Yes"

/SH16A
  12 "Piped into residence"
  13 "Piped public tap"
  21 "Well in residence"
  22 "Public well"
  23 "Borehole"
  31 "Spring"
  32 "River/stream"
  33 "Pond/lake"
  34 "Dam"
  41 "Rainwater"
  51 "Bottled water"
  61 "Water vender"
  96 "Other"

/SH17A
  0 "No"
  1 "Yes"

/SH19F
  0 "No"
  1 "Yes"

/HV024
  1 "Ouagadougou"
  2 "North"
  3 "East"
  4 "West"
  5 "Central/South"

/HV025
  1 "Urban"
  2 "Rural"
0 "Ouagadougou"
1 "Bobo"
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"

*{Construct Variables}.

*{Members per sleeping room}.
if (hv012=0) hv012=hv013.
if (hv216>0) memsleep=trunc(hv012/hv216).
if (hv216=0) memsleep=hv012.
if (memsleep>=98) memsleep=98.

VARIABLE LABELS
MEMSLEEP "Number of members per sleeping room".

*{Drinking water supply}.
compute h2oire=0.
if (hv201=11 or hv201=12) h2oire=1.
compute h2oipiPUB=0.
if (hv201=13) h2oipiPUB=1.
compute h2owel=0.
if (hv201=21) h2owel=1.
compute h2obwell=0.
if (hv201=22) h2obwell=1.
compute h2osurf=0.
if (hv201>=32 and hv201<=34) h2osurf=1.
compute h2ospng=0.
if (hv201=31) h2ospng=1.
compute h2orain=0.
if (hv201=41) h2orain=1.
compute h2ovend=0.
if (hv201=61) h2ovend=1.
compute h2obottl=0.
if (hv201=51) h2obottl=1.
compute h2ooth=0.
if (hv201=96) h2ooth=1.

VARIABLE LABELS
H2OIRES "if piped drinking water in residence"
/H2OIPUB "if uses a public faucet (piped)"
/H2OWELL "if has a well in residence"
/H2PBWELL "if uses a traditional public well"
/H2OBWELL "if uses a borehole for water"
/H2OSURF "if uses river, canal or surface water for drinking"
/H2Ospng "if uses spring water for drinking"
/H2Orain "if uses rainwater for drinking"
/H2Ovend "if gets drinking water from vendor"
/H2OBOTTLE "if uses bottled water"
/H2OOTH "Other source of drinking water".

VALUE LABELS
/H2OINES
  0 "No piped water in residence"
  1 "Has piped water in residence"
/H2OPIUB
  0 "Does not use a public faucet"
  1 "Uses a public faucet"
/H2OWELL
  0 "No well in residence"
  1 "Has well in residence"
/H2OBWELL
  0 "No borehole"
  1 "Borehole for water"
/H2PBWELL
  0 "Does not use a traditional public well"
  1 "Uses a traditional public well"
/h2oSpng
  0 "No spring water"
  1 "Spring water for drinking"
/h2orain
  0 "No rainwater"
  1 "Rainwater for drinking"
/H2OSURF
  0 "No surface water"
  1 "Surface water for drinking"
/H2Ovend
  0 "No vendor water"
  1 "Vendor for drinking water"
/H2OBOTTLE
  0 "No bottled water"
  1 "Has bottled water"
/H2OOTH
  0 "No other type of source"
  1 "Other type of source of drinking water"

*{Toilet facility}.
compute fpvt=0.
if (hv205=11) fpvt=1.
compute fpub=0.
if (hv205=12) fpub=1.
compute latpit=0.
if (hv205=21) latpit=1.
compute latvip=0.
if (hv205=22) latvip=1.
compute latbush=0.
if (hv205=31) latbush=1.
compute latoth=0.
if (hv205=96) latoth=1.

VARIABLE LABELS
FPVT  "if uses a flush toilet in residence/private"
/FPUB "if uses a common flush toilet in residence/public"
/LATPIT "if uses a pit latrine"
/LATVIP "if uses a ventilated improved latrine"
/LATBUSH "if uses bush, field as latrine"
/LATOTH "if other type of latrine"
.

VALUE LABELS
/FPVT
   0 "No flush toilet in residence/private"
   1 "Uses flush toilet in residence/private"
/FPUB
   0 "No common flush toilet"
   1 "Uses common flush toilet"
/LATPIT
   0 "No pit latrine"
   1 "Uses pit latrine"
/LATVIP
   0 "No VIP latrine"
   1 "Uses VIP latrine"
/LATBUSH
   0 "Does not use bush, field as latrine"
   1 "Uses bush, field as latrine"
/LATOTH
   0 "No other type of latrine"
   1 "Uses other type of latrine"
.

*{Flooring}.
compute dirtfloo=0.
if (hv213=11 or hv213=12) dirtfloo=1.
compute rudfloo=0.
if (hv213=20) rudfloo=1.
compute vnylfloo=0.
if (hv213=32) vnylfloo=1.
compute tilefloo=0.
if (hv213=33) tilefloo=1.
compute cemtfloo=0.
if (hv213=34) cemtfloo=1.
compute rugfloo=0.
if (hv213=35) rugfloo=1.
compute othfloo=0.
if (hv213=96) othfloo=1.
VARIABLE LABELS
DIRTFLOO "if has dirt, sand, dung as principal floor in dwelling"
/RUDFLOO "if has rudimentary floor in dwelling"
/CEMTFLOO "if has cement principal floor"
/TILEFLOO "if has tiles for main flooring material"
/VnylFLOO "if has vinyl or asphalt strips as flooring material"
/rugFLOO "if has carpeting as flooring material"
/OTHFLOOR "if has other type of flooring"
.

VALUE LABELS
/DIRTFLOO
 0 "No dirt floor"
 1 "Dirt floor"
/RUDFLOO
 0 "No rudimentary floor"
 1 "Rudimentary floor"
/CEMTFLOO
 0 "No cement floor"
 1 "Has cement floor"
/TILEFLOO
 0 "No tile floor"
 1 "Has tile floor"
/VNYLFLOO
 0 "No vinyl or asphalt strip floor"
 1 "Has vinyl or asphalt strip floor"
/RUGFLOO
 0 "No carpeted floor"
 1 "Has carpeting for floor"
/OTHFLOOR
 0 "No other type of flooring"
 1 "Has other type of flooring"
.

*{Rainy water supply}.
compute rsires=0.
if (sh16a=11 or sh16a=12) rsires=1.
compute rspiPUB=0.
if (sh16a=13) rspiPUB=1.
compute rswell=0.
if (sh16a=21) rswell=1.
compute rspbwell=0.
if (sh16a=22) rspbwell=1.
compute rssurf=0.
if (sh16a>=32 and sh16a<=34) rssurf=1.
compute rsspng=0.
if (sh16a=31) rsspng=1.
compute rsrain=0.
if (sh16a=41) rsrain=1.
compute rsvend=0.
if (sh16a=61) rsvend=1.
compute rsbottl=0.
if (sh16a=51) rsbottl=1.
compute rsoth=0.
if (sh16a=96) rsoth=1.

VARIABLE LABELS
rsIRES  "if piped drinking water in residence"
/rspiPUB   "if uses a public faucet (piped)"
/rsWELL   "if has a well in residence"
/rsPBWELL "if uses a traditional public well"
/rsBWELL  "if uses a borehole for water"
/rsSURF   "if uses river, canal or surface water for drinking"
/rsSpng   "if uses spring for drinking"
/rsrain   "if uses rainwater water for drinking"
/rsvend  "if gets drinking water from vendor"
/rsBOTTL  "if uses bottled water"
/rsOTH    "Other source of drinking water".

VALUE LABELS
/rsIRES
  0 "No piped water in residence"
  1 "Has piped water in residence"
/rspiPUB
  0 "Does not use a public faucet"
  1 "Uses a public faucet"
/rsWELL
  0 "No well in residence"
  1 "Has well in residence"
/rsPBWELL
  0 "Does not use a traditional public well"
  1 "Uses a traditional public well"
/rsSURF
  0 "No surface water"
  1 "Surface water for drinking"
/rsSpng
  0 "No spring water"
  1 "Spring water for drinking"
/rsrain
  0 "No rainwater"
  1 "Rainwater for drinking"
/rsvend
  0 "No vendor water"
  1 "Vendor for drinking water"
/rsBOTTL
  0 "No bottled water"
  1 "Has bottled water"
/rsOTH
  0 "No other type of source"
1 "Other type of source of drinking water"

*{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(sh17a)) sh17a=0.
if (missing(sh19f)) sh19f=0.
execute.

FACTOR
   /VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
       sh17a sh19f
       ownland memsleep h2oires h2opipub h2owell h2obwell
       h2osurf h2ospng
       h2ovend h2obottl h2ooth fpvt fpub latpit latvip latbush latoth
dirtflooo
       vnylfloo tileflooo cemtfloo rugflooo othfloor rsires rspipub
       rswell rsbwell
       rssurf rsspng rsrain rsvend rsbottl rsoth /MISSING MEANSUB
/ANALYSIS hv206
   hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh17a sh19f ownland
       memsleep
       h2oires h2opipub h2owell h2obwell h2osurf h2ospng
       h2ovend h2obottl
       h2ooth fpvt fpub latpit latvip latbush latoth dirtflooo vnylfloo
tileflooo
cemtfloo rugflooo othfloor rsires rspipub rswell rsbwell rssurf
       rsspng rsrain
       rsvend rsbottl rsoth
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/Criteria FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL)
/METHOD=CORRELATION .

save outfile="c:\hnp2\bfaso98\assets.sav".
COMPUTE hhmemwt = hv005/1000000 * hv012 .
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

WEIGHT
BY hhmemwt .
FREQUENCIES
VARIABLES=fac1_1 /FORMAT=NOTABLE
/NTILES= 5
RECODE  
fac1_1  
(Lowest thru -0.7046942480074=1)  (-0.7046942480074 thru  
-0.6067291019404=2)  (-0.6067291019404 thru  
-0.4354203859379=3)  (-0.4354203859379 thru -0.02062614731022=4)  
(-0.02062614731022 thru Highest=5)  INTO  
wlthind5 .  
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.  
EXECUTE .  
write outfile='c:\hnp2\bfaso98\scores.dat' records=1 table  
/hhid fac1_1 withind5.  
execute.  
MEANS   
   TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh17a  
   ownland memsleep h2oires h2opipub h2owell h2obwell  
h2osurf h2ospng  
h2ovend h2obottl h2ooth fpvt fpub latpit latvip latbush latoth  
dirtfloo  
vnylfloo tilefloo cemtfloo rugfloo othfloor rsires rspipub  
rsowell rsbwell  
rssurf rsspng rsrain rsvened rsbottl rsoth  BY  
hv025 by wlthind5  
/CELLS MEAN .  
WEIGHT  
   OFF.  

DESCRIPTIVES  
   VARIABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 sh17a  
   sh19f  
   ownland memsleep h2oires h2opipub h2owell h2obwell  
h2osurf h2ospng  
h2ovend h2obottl h2ooth fpvt fpub latpit latvip latbush latoth  
dirtfloo  
vnylfloo tilefloo cemtfloo rugfloo othfloor rsires rspipub  
rsowell rsbwell  
rssurf rsspng rsrain rsvened rsbottl rsoth  /STATISTICS=MEAN  
STDDEV MIN MAX .