```
DATA LIST FILE='c:\hnp2\rwanda00\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
 SHCOMMU      68-69
 SHINTER      70-70
 SHLANG       71-71
 SHSECTE      72-73
 SHTIME       74-76
 DOMESTIC     77-77
 OWNLAND      78-78
 MEMSLEEP     79-80
 H2OIRES      81-81
 H2OYARD      82-82
 H2PIWELL     83-83
 H2OOTH       84-84
 FLUSH        85-85
 H2OTRUK      86-86
 LATPIT       87-87
 H2OSURF      88-88
```

```
 LATBUSH     89-89
 LATOTHER    90-90
 DIRTFLOO    91-91
 DUNGFLOO    92-92
 H2OBOTT     93-93
 OTHFLOOR    94-94
 CEMTFLOO    95-95
 TILEFLOO    96-96
 VINFLOO     97-97
 PARQFLOO    98-98
 PALMFLOO    99-99
 WOODFLOO   100-100
 COOKWOOD   101-101
 COOKDUNG   102-102
 COOKCOAL   103-103
 COOKKERO   104-104
 COOKGAS    105-105
 COOKELEC   106-106
 COOKOTH    107-107
 H2ORAIN    108-108
 FINFLOO    109-109
 COOKCHAR   110-110
 COOKBIOG   111-111
 CARPFLOO   112-112
 LATVIP     113-113
 H2OPUB     114-114
 H2UIWELL   115-115
 H2UYWELL   116-116
 H2UPWELL   117-117
 H2PYWELL   118-118
 H2PPWELL   119-119
 H2SPRING   120-120
 SFLUSH     121-121
 SLATPIT    122-122
 SLATVIP    123-123
 .
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              -NA"
/HV215    "Main roof material              -NA"
/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"
/SHCOMMU  "Commune"
/SHINTER  "Interpreter"
/SHLANG   "Languuage of interview"
/SHSECTE  "Secteur"
/SHTIME   "Time to enter household questionnaire"
/DOMESTIC "If HH has a domestic worker not related to head"
/OWNLAND  "If household works own or family's agric. land"
/MEMSLEEP "Number of members per sleeping room"
/H2OIRES  "If piped drinking water in residence"
/H2OYARD  "If has piped water in the courtyard"
/H2PIWELL "If gets water from a protected well in residence"
/H2OOTH   "Other source of drinking water"
/FLUSH    "If uses flush toilet"
/H2OTRUK  "If gets water from a tanker truck"
/LATPIT   "If has traditional pit latrine"
/H2OSURF  "If uses surface water for drinking"
/LATBUSH  "If uses bush,field as latrine"
/LATOTHER "If other type of latrine"
/DIRTFLOO "If has a dirt or sand floor"
/DUNGFLOO "If has a dung floor"
/H2OBOTT  "If has bottled water for drinking water"
/OTHFLOOR "If has other type of flooring"
/CEMTFLOO "If has a cement floor"
/TILEFLOO "If has floor of ceramic tile"
/VINFLOO  "If has asphalt or vinyl tile flooring"
/PARQFLOO "If has parquet or polishd wood floor"
/PALMFLOO "If has palm or bamboo flooring"
/WOODFLOO "If uses wood planks for floor"
/COOKWOOD "If uses wood as cooking fuel"
/COOKDUNG "If uses dung, manure as cooking fuel"
/COOKCOAL "If uses coal as cooking fuel"
/COOKKERO "If uses kerosene as cooking fuel"
/COOKGAS  "If uses gas as cooking fuel"
```

```
/COOKELEC "If uses electricity as cooking fuel"
/COOKOTH  "If uses other cooking fuel"
/H2ORAIN  "If rain for drinking water"
/FINFLOO  "Has finished flooring"
/COOKCHAR "If uses charcoal as cooking fuel"
/COOKBIOG "If uses biogas as cooking fuel"
/CARPFLOO "If has carpeted flooring"
/LATVIP   "If uses a ventilated, improved latrine"
/H2OPUB   "If uses public tap water"
/H2UIWELL "If has unprotected well in the residence"
/H2UYWELL "If has an unprotected well in the courtyard"
/H2UPWELL "If uses water from an unprotected public well"
/H2PYWELL "If gets water from a protected well in courtyard"
/H2PPWELL "If gets water from protected public well"
/H2SPRING "If gets water from a spring"
/SFLUSH   "If uses shared flush toilet"
/SLATPIT  "If uses shared traditional pit latrine"
/SLATVIP  "If uses shared VIP latrine"
.
MISSING VALUE
 HV201     (99)
/HV204     (999)
/HV205     (99)
/HV206     (9)
/HV207     (9)
/HV208     (9)
/HV209     (9)
/HV210     (9)
/HV211     (9)
/HV212     (9)
/HV213     (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)
/SHINTER   (9)
.
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 "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"
/HV024
        1 "Butare"
        2 "Byumba"
        3 "Cyangugu"
        4 "Gikongoro"
        5 "Gisenyi"
        6 "Gitarama"
        7 "Kibungo"
        8 "Kibuye"
        9 "Kigali Ville (PVK)"
       10 "Kigali Rurale"
       11 "Ruhengeri"
```

```
     12 "Umutara"
/HV025
      1 "Urban"
      2 "Rural"
/HV026
      0 "Capital, large city"
      1 "Small city"
      2 "Town"
      3 "Countryside"
/SHINTER
      0 "No"
      1 "Yes"
/SHLANG
      1 "Kinyarwanda"
      2 "Other language"
/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"
/H2OIRES
      0 "No piped water in residence"
      1 "Has piped water in residence"
/H2OYARD
      0 "No piped water in the courtyard"
      1 "Has piped water in the courtyard"
/H2PIWELL
      0 "No water from a protected well in residence"
      1 "Gets water from a protected well in residence"
/H2OOTH
      0 "No other type of source"
      1 "Other type of source of drinking water"
/FLUSH
      0 "No flush toilet"
      1 "Uses flush toilet"
/H2OTRUK
      0 "No water from tanker truck"
      1 "Gets water from tanker truck"
/LATPIT
      0 "No trad pit latrine"
      1 "Has trad pit latrine"
/H2OSURF
      0 "No surface drinking water"
      1 "Uses surface water for drinking"
/LATBUSH
      0 "Does not use bush,field as latrine"
      1 "Uses bush,field as latrine"
/LATOTHER
      0 "No other latrine"
      1 "Has other latrine"
/DIRTFLOO
```

```
      0 "No dirt or sand floor"
      1 "Has dirt or sand floor"
/DUNGFLOO
      0 "No dung floor"
      1 "Has dung floor"
/H2OBOTT
      0 "No bottled water"
      1 "Has bottled water"
/OTHFLOOR
      0 "No other type of flooring"
      1 "Has other type of flooring"
/CEMTFLOO
      0 "No cement floor"
      1 "Has cement floor"
/TILEFLOO
      0 "No ceramic tile floor"
      1 "Has ceramic tile floor"
/VINFLOO
      0 "No asphalt or vinyl tile flooring"
      1 "Has asphalt or vinyl tile flooring"
/PARQFLOO
      0 "No parquet or polished wood floor"
      1 "Has parquet or polished wood floor"
/PALMFLOO
      0 "No palm or bamboo flooring"
      1 "Has palm or bamboo flooring"
/WOODFLOO
      0 "No wood planks for floor"
      1 "Uses wood planks for floor"
/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"
/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"
/COOKELEC
      0 "Does not use electricity as cooking fuel"
      1 "Uses wood as electricity fuel"
/COOKOTH
      0 "Does not use other cooking fuel"
      1 "Uses other cooking fuel"
/H2ORAIN
      0 "No rain water"
```

```
      1 "Uses rain water"
/FINFLOO
      0 "Does not have finished flooring"
      1 "Has finished flooring"
/COOKCHAR
      0 "Does not use charcoal as cooking fuel"
      1 "Uses charcoal as cooking fuel"
/COOKBIOG
      0 "Does not use biogas as cooking fuel"
      1 "Uses biogas as cooking fuel"
/CARPFLOO
      0 "No carpeted flooring"
      1 "Has carpeted flooring"
/LATVIP
      0 "No VIP latrine"
      1 "Uses a ventilated improved latrine"
/H2OPUB
      0 "No public tap water"
      1 "Uses public tap water"
/H2UIWELL
      0 "No unprotected well in residence"
      1 "Has unprotected well in residence"
/H2UYWELL
      0 "No unprotected well in the courtyard"
      1 "Has unprotected well in the courtyard"
/H2UPWELL
      0 "No water from unprotected public well"
      1 "Gets water from unprotected public well"
/H2PYWELL
      0 "No water from protected well in courtyard"
      1 "Gets water from protected well in courtyard"
/H2PPWELL
      0 "Does not get water from protected public well"
      1 "Gets water from protected public well"
/H2SPRING
      0 "Does not get water from spring"
      1 "Gets water from spring"
/SFLUSH
      0 "No shared flush toilet"
      1 "Uses sheared flush toilet"
/SLATPIT
      0 "No shared trad pit latrine"
      1 "Uses shared trad pit latrine"
/SLATVIP
      0 "No VIP latrine"
      1 "Uses a ventilated improved latrine"
.
FACTOR
  /VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
h2oires h2oyard
  h2ooth flush h2otruk latpit h2osurf latbush latother dirtfloo
dungfloo
```

```
    h2obott othfloor cemtfloo tilefloo palmfloo woodfloo cookwood
cookdung
    cookcoal cookkero cookgas cookelec cookoth h2orain cookchar
carpfloo latvip
    h2opub h2uywell h2upwell h2pywell h2ppwell  /MISSING MEANSUB
/ANALYSIS hv206
    hv207 hv208 hv209 hv210 hv211 hv212 hv221 h2oires h2oyard
h2ooth flush
    h2otruk latpit h2osurf latbush latother dirtfloo dungfloo
h2obott othfloor
    cemtfloo tilefloo palmfloo woodfloo cookwood cookdung cookcoal
cookkero
    cookgas cookelec cookoth h2orain cookchar carpfloo latvip
h2opub h2uywell
    h2upwell h2pywell h2ppwell
    /PRINT UNIVARIATE INITIAL EXTRACTION
    /CRITERIA FACTORS(1) ITERATE(25)
    /EXTRACTION PC
    /ROTATION NOROTATE
    /SAVE REG(ALL)
    /METHOD=CORRELATION .

save outfile="c:\hnp2\rwanda00\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
/STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN /ORDER  ANALYSIS .

RANK
  VARIABLES = fac1_1
  /NTILES(5) INTO wlthind5
  /PRINT = NO
  /TIES = MEAN .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
VALUE LABELS
  wlthind5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5
"Highest".

write outfile='c:\hnp2\rwanda00\scores.dat' records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
  TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221 hv227
ownland
  h2oires h2oyard h2ooth flush h2otruk latpit h2osurf latbush
  latother dirtfloo dungfloo h2obott othfloor cemtfloo tilefloo
```

```
palmfloo woodfloo cookwood cookdung cookcoal cookkero cookgas
cookelec cookoth h2orain cookchar carpfloo latvip h2opub
h2uywell h2upwell h2pywell h2ppwell h2spring  BY wlthind5
/CELLS MEAN  .
```