```
FREQ hv201 hv205 hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv213 hv214 hv215
hv216 hv221
hv225 hv226 hv243b hv243c hv243d hv244 hv246 hv246b hv246c hv246d
hv246e hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
sh107o sh107p.

FREQ hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv216 hv243b hv243c hv243d hv244 hv246b hv246c hv246d hv246e
hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
sh107o sh107p.




FREQ hv015.



* WATER.

COMPUTE h2opipe = 0.
IF (hv201 = 11) h2opipe = 1.
VAR LABELS h2opipe "if gets water piped into home".
VAL LABELS h2opipe    0 "no water piped into home"
               1 "water is piped into home".

COMPUTE h2oyard = 0.
IF (hv201 = 12) h2oyard = 1.
VAR LABELS h2oyard "if gets water piped into yard".
VAL LABELS h2oyard    0 "no water piped into yard"
               1 "water is piped into yard".

COMPUTE h2opub = 0.
IF (hv201 = 13) h2opub = 1.
VAR LABELS h2opub "if gets water from piped public source".
VAL LABELS h2opub     0 "no water from piped public source"
               1 "water is from piped public source".

COMPUTE h2otube = 0.
IF (hv201 = 21) h2otube = 1.
VAR LABELS h2otube "if gets water from tube well/borehole".
VAL LABELS h2otube    0 "no water from tube well/borehole"
               1 "water is from tube well/borehole".

COMPUTE h2ohand = 0.
IF (hv201 = 22) h2ohand = 1.
VAR LABELS h2ohand "if gets water from a handpump".
```

```
VAL LABELS h2ohand    0 "no water from a handpump"
                      1 "water is from a handpump".


COMPUTE h2ppvwel = 0.
IF (hv201 = 31) h2ppvwel = 1.
VAR LABELS h2ppvwel "if gets water from a protected well".
VAL LABELS h2ppvwel   0 "no water from a protected well"
                      1 "water is from a protected well".


COMPUTE h2pydwel = 0.
IF (hv201 = 32) h2pydwel = 1.
VAR LABELS h2pydwel "if gets water from an unprotected well".
VAL LABELS h2pydwel   0 "no water from an unprotected well"
                      1 "water is from an unprotected well".


COMPUTE h2spring = 0.
IF (hv201 = 41 | hv201 = 51) h2spring = 1.
VAR LABELS h2spring "if gets water from a spring".
VAL LABELS h2spring    0 "no water from a spring"
                       1 "water is from a spring".


COMPUTE h2osurf = 0.
IF (hv201 = 43) h2osurf = 1.
VAR LABELS h2osurf "if gets water from a surface source".
VAL LABELS h2osurf     0 "no water from a surface source"
                       1 "water is from a surface source".


COMPUTE h2otruck = 0.
IF (hv201 = 61) h2otruck = 1.
VAR LABELS h2otruck "if gets water from a tanker truck".
VAL LABELS h2otruck   0 "no water from a tanker truck"
                      1 "water is from a tanker truck".


COMPUTE h2ocart = 0.
IF (hv201 = 62) h2ocart = 1.
VAR LABELS h2ocart "if gets water from a cart".
VAL LABELS h2ocart     0 "no water from a cart"
                       1 "water is from a cart".


COMPUTE h2obottl = 0.
IF (hv201 = 71) h2obottl = 1.
VAR LABELS h2obottl "if gets water from bottle".
VAL LABELS h2obottl   0 "no water from bottle"
                      1 "water is from bottle".


COMPUTE h2other = 0.
IF (hv201 = 96) h2other = 1.
VAR LABELS h2other "if gets water from other".
VAL LABELS h2other     0 "no water from other"
                       1 "water is from other".
```

```
*TOILET.

COMPUTE flswpvt = 0.
IF (hv205 = 11 & hv225 = 0) flswpvt = 1.
VAR LABELS flswpvt "if uses pvt flush to sewer toilet".
VAL LABELS flswpvt    0 "does not use pvt flush to sewer toilet"
                1 "uses pvt flush to sewer toilet".

COMPUTE flswshr = 0.
IF (hv205 = 11 & hv225 = 1) flswshr = 1.
VAR LABELS flswshr "if uses shared flush to sewer toilet".
VAL LABELS flswshr    0 "does not use shared flush to sewer
toilet"
                1 "uses shared flush to sewer toilet".

COMPUTE flstpvt = 0.
IF (hv205 = 12 & hv225 = 0) flstpvt = 1.
VAR LABELS flstpvt "if uses pvt flush to septic toilet".
VAL LABELS flstpvt    0 "does not use pvt flush to septic toilet"
                1 "uses pvt flush to septic toilet".

COMPUTE flstshr = 0.
IF (hv205 = 12 & hv225 = 1) flstshr = 1.
VAR LABELS flstshr "if uses shared flush to septic toilet".
VAL LABELS flstshr    0 "does not use shared flush to septic
toilet"
                1 "uses shared flush to septic toilet".

COMPUTE fldkpvt = 0.
IF ((hv205 = 13 | hv205 = 14) & hv225 = 0) fldkpvt = 1.
VAR LABELS fldkpvt "if uses pvt flush to dk toilet".
VAL LABELS fldkpvt    0 "does not use pvt flush to dk toilet"
                1 "uses pvt flush to dk toilet".

COMPUTE fldkshr = 0.
IF ((hv205 = 13 | hv205 = 14) & hv225 = 1) fldkshr = 1.
VAR LABELS fldkshr "if uses shared flush to dk toilet".
VAL LABELS fldkshr    0 "does not use shared flush to dk toilet"
                1 "uses shared flush to dk toilet".

COMPUTE vippvt = 0.
IF (hv205 = 21 & hv225 = 0) vippvt = 1.
VAR LABELS vippvt "if uses pvt vip latrine".
VAL LABELS vippvt    0 "does not use pvt vip latrine"
                1 "uses pvt vip latrine".

COMPUTE vipshr = 0.
IF (hv205 = 21 & hv225 = 1) vipshr = 1.
VAR LABELS vipshr "if uses shared vip latrine".
VAL LABELS vipshr    0 "does not use shared vip latrine"
                1 "uses shared vip latrine".
```

```
COMPUTE latslab = 0.
IF (hv205 = 22) latslab = 1.
VAR LABELS latslab "if uses trad latrine w slab".
VAL LABELS latslab    0 "does not use trad latrine w slab"
                1 "uses trad latrine w slab".


COMPUTE latopvt = 0.
IF (hv205 = 23 & hv225 = 0) latopvt = 1.
VAR LABELS latopvt "if uses pvt trad open latrine".
VAL LABELS latopvt    0 "does not use pvt trad open latrine"
                1 "uses pvt trad open latrine".


COMPUTE latoshr = 0.
IF (hv205 = 23 & hv225 = 1) latoshr = 1.
VAR LABELS latoshr "if uses shared trad open latrine".
VAL LABELS latoshr    0 "does not use shared trad open latrine"
                1 "uses shared trad open latrine".


COMPUTE latbush = 0.
IF (hv205 = 31 | hv205 = 96) latbush = 1.
VAR LABELS latbush "if uses bush for latrine".
VAL LABELS latbush    0 "does not use bush for latrine"
                1 "uses bush for latrine".



COMPUTE latpbckt = 0.
IF (hv205 = 42 & hv225 = 0) latpbckt = 1.
VAR LABELS latpbckt "if uses pvt bucket latrine".
VAL LABELS latpbckt   0 "does not use pvt bucket latrine"
                1 "uses pvt bucket latrine".


COMPUTE latsbckt = 0.
IF (hv205 = 42 & hv225 = 1) latsbckt = 1.
VAR LABELS latsbckt "if uses shared bucket latrine".
VAL LABELS latsbckt   0 "does not use shared bucket latrine"
                1 "uses shared bucket latrine".


COMPUTE latphang = 0.
IF (hv205 = 43 & hv225 = 0) latphang = 1.
VAR LABELS latphang "if uses pvt hanging latrine".
VAL LABELS latphang   0 "does not use pvt hanging latrine"
                1 "uses pvt hanging latrine".


COMPUTE latshang = 0.
IF (hv205 = 43 & hv225 = 1) latshang = 1.
VAR LABELS latshang "if uses shared hanging latrine".
VAL LABELS latshang   0 "does not use shared hanging latrine"
                1 "uses shared hanging latrine".


* (floor, walls, roof, cooking fuel).
FREQ hv213 hv214 hv215 hv226.
```

```
* FLOORING.

COMPUTE dirtfloo = 0.
IF (hv213 = 11) dirtfloo = 1.
VAR LABELS dirtfloo "if floors are made of earth".
VAL LABELS dirtfloo   0 "floors are not made of earth"
                      1 "floors are made of earth".

COMPUTE chipfloo = 0.
IF (hv213 = 31) chipfloo = 1.
VAR LABELS chipfloo "if floors are made of chips/terrazo".
VAL LABELS chipfloo   0 "floors are not made of chips/terrazo"
                      1 "floors are made of chips/terrazo".

COMPUTE tilefloo = 0.
IF (hv213 = 32) tilefloo = 1.
VAR LABELS tilefloo "if floors are made of ceramic tile".
VAL LABELS tilefloo   0 "floors are not made of tile"
                      1 "floors are made of tile".

COMPUTE marbfloo = 0.
IF (hv213 = 33) marbfloo = 1.
VAR LABELS marbfloo "if floors are made of marble".
VAL LABELS marbfloo   0 "floors are not made of marble"
                      1 "floors are made of marble".

COMPUTE cemtfloo = 0.
IF (hv213 = 34 | hv213 = 96) cemtfloo = 1.
VAR LABELS cemtfloo "if floors are made of cement (+2 other)".
VAL LABELS cemtfloo   0 "floors are not made of cement"
                      1 "floors are made of cement".

COMPUTE carpfloo = 0.
IF (hv213 = 35) carpfloo = 1.
VAR LABELS carpfloo "if floors are made of carpet".
VAL LABELS carpfloo   0 "floors are not made of carpet"
                      1 "floors are made of carpet".

COMPUTE brckfloo = 0.
IF (hv213 = 36) brckfloo = 1.
VAR LABELS brckfloo "if floors are made of brick".
VAL LABELS brckfloo   0 "floors are not made of brick"
                      1 "floors are made of brick".

COMPUTE matfloo = 0.
IF (hv213 = 37) matfloo = 1.
VAR LABELS matfloo "if floors are made of mats".
VAL LABELS matfloo    0 "floors are not made of mats"
                      1 "floors are made of mats".
```

```
* WALL MATERIAL.

COMPUTE mudwall = 0.
IF (hv214 = 11) mudwall = 1.
VAR LABELS mudwall "if walls are made of mud/stones".
VAL LABELS mudwall    0 "walls are not made of mud/stones"
                      1 "walls are made of mud/stones".

COMPUTE bamwall = 0.
IF (hv214 = 12) bamwall = 1.
VAR LABELS bamwall "if walls are made of bamboo/sticks/mud".
VAL LABELS bamwall    0 "walls are not made of bamboo/sticks/mud"
                      1 "walls are made of bamboo/sticks/mud".

COMPUTE ubbkwall = 0.
IF (hv214 = 22) ubbkwall = 1.
VAR LABELS ubbkwall "if walls are made of unbaked bricks".
VAL LABELS ubbkwall    0 "walls are not made of unbaked bricks"
                       1 "walls are made of unbaked bricks".

COMPUTE stblwall = 0.
IF (hv214 = 34) stblwall = 1.
VAR LABELS stblwall "if walls are made of stone blocks".
VAL LABELS stblwall    0 "walls are not made of stone blocks"
                       1 "walls are made of stone blocks".

COMPUTE bbkwall = 0.
IF (hv214 = 35) bbkwall = 1.
VAR LABELS bbkwall "if walls are made of baked bricks".
VAL LABELS bbkwall    0 "walls are not made of baked bricks"
                      1 "walls are made of baked bricks".

COMPUTE cemtwall = 0.
IF (hv214 = 36) cemtwall = 1.
VAR LABELS cemtwall "if walls are made of cemt".
VAL LABELS cemtwall    0 "walls are not made of cemt"
                       1 "walls are made of cemt".

COMPUTE othwall = 0.
IF (hv214 = 21 | hv214 = 23 | hv214 = 37 | hv214 = 96) othwall =
1.
VAR LABELS othwall "if walls are made of other".
VAL LABELS othwall    0 "walls are not made of other"
                      1 "walls are made of other".


* ROOFING MATERIALS.

COMPUTE natroof = 0.
IF (hv215 = 12) natroof = 1.
VAR LABELS natroof "if green roofing".
```

```
VAL LABELS natroof     0 "roof is not made of greenstuff"
                       1 "roof is made of greenstuff".


COMPUTE feasroof = 0.
IF (hv215 = 31) feasroof = 1.
VAR LABELS feasroof "if iron/asbestos sheet roofing".
VAL LABELS feasroof   0 "roof is not made of iron/asbestos sheet"
                      1 "roof is made of iron/asbestos sheet".


COMPUTE tferoof = 0.
IF (hv215 = 32) tferoof = 1.
VAR LABELS tferoof "if T-iron/wood/brick roofing".
VAL LABELS tferoof    0 "roof is not made of T-iron/wood/brick"
                      1 "roof is made of T-iron/wood/brick".


COMPUTE rccroof = 0.
IF (hv215 = 33) rccroof = 1.
VAR LABELS rccroof "if reinforced brick cemt/rcc roofing".
VAL LABELS rccroof    0 "roof is not made of reinforced brick
cemt/rcc"
                      1 "roof is made of reinforced brick cemt/rcc".


COMPUTE othroof = 0.
IF (hv215 = 21 | hv215 = 96) othroof = 1.
VAR LABELS othroof "if other roofing".
VAL LABELS othroof    0 "walls are not made of other"
                      1 "walls are made of other".




* COOKING FUEL.

COMPUTE cookelec = 0.
IF (hv226 = 1) cookelec = 1.
VAR LABELS cookelec "if uses elec for cooking fuel".
VAL LABELS cookelec   0 "no elec cooking fuel"
                      1 "uses elec cooking fuel".


COMPUTE cooklpg = 0.
IF (hv226 = 2) cooklpg = 1.
VAR LABELS cooklpg "if uses lpg/cylinder gas for cooking fuel".
VAL LABELS cooklpg    0 "no lpg gas cooking fuel"
                      1 "uses lpg gas cooking fuel".


COMPUTE cookngas = 0.
IF (hv226 = 3) cookngas = 1.
VAR LABELS cookngas "if uses natural gas for cooking fuel".
VAL LABELS cookngas   0 "no natural gas cooking fuel"
                      1 "uses natural gas cooking fuel".


COMPUTE cookbgas = 0.
IF (hv226 = 4) cookbgas = 1.
```

```
VAR LABELS cookbgas "if uses biogas for cooking fuel".
VAL LABELS cookbgas   0 "no biogas cooking fuel"
                 1 "uses biogas cooking fuel".


COMPUTE cookchar = 0.
IF (hv226 = 7) cookchar = 1.
VAR LABELS cookchar "if uses charcoal for cooking fuel".
VAL LABELS cookchar   0 "no charcoal cooking fuel"
                 1 "uses charcoal cooking fuel".


COMPUTE cookwood = 0.
IF (hv226 = 8) cookwood = 1.
VAR LABELS cookwood "if uses wood for cooking fuel".
VAL LABELS cookwood   0 "no wood cooking fuel"
                 1 "uses wood cooking fuel".


COMPUTE cookstrw = 0.
IF (hv226 = 9) cookstrw = 1.
VAR LABELS cookstrw "if uses straw/shrubs/grass for cooking
fuel".
VAL LABELS cookstrw   0 "no straw/shrubs/grass cooking fuel"
                 1 "uses straw/shrubs/grass cooking fuel".


COMPUTE cookcrop = 0.
IF (hv226 = 10) cookcrop = 1.
VAR LABELS cookcrop "if uses crop residues for cooking fuel".
VAL LABELS cookcrop   0 "no crop residues cooking fuel"
                 1 "uses crop residues cooking fuel".


COMPUTE cookdung = 0.
IF (hv226 = 11) cookdung = 1.
VAR LABELS cookdung "if uses dung for cooking fuel".
VAL LABELS cookdung   0 "no dung cooking fuel"
                 1 "uses dung cooking fuel".


COMPUTE cooknone = 0.
IF (hv226 = 95) cooknone = 1.
VAR LABELS cooknone "if no cooking in hh".
VAL LABELS cooknone   0 "cooks"
                 1 "no cooking in hh".



COMPUTE memsleep = (hv012/hv216).
IF (MISSING(hv216)) hv216 = hv012.
VARIABLE LABELS memsleep "number of members per sleeping room".


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(hv243b)) hv243b = 0.
IF (MISSING(hv243c)) hv243c = 0.
IF (MISSING(hv243d)) hv243d = 0.
IF (MISSING(hv244)) hv244 = 0.
IF (MISSING(hv246b)) hv246b = 0.
IF (MISSING(hv246c)) hv246c = 0.
IF (MISSING(hv246d)) hv246d = 0.
IF (MISSING(hv246e)) hv246e = 0.
IF (MISSING(hv246f)) hv246f = 0.
IF (MISSING(hv246g)) hv246g = 0.
IF (MISSING(hv246h)) hv246h = 0.
IF (MISSING(sh107f)) sh107f = 0.
IF (MISSING(sh107g)) sh107g = 0.
IF (MISSING(sh107h)) sh107h = 0.
IF (MISSING(sh107i)) sh107i = 0.
IF (MISSING(sh107j)) sh107j = 0.
IF (MISSING(sh107k)) sh107k = 0.
IF (MISSING(sh107l)) sh107l = 0.
IF (MISSING(sh107m)) sh107m = 0.
IF (MISSING(sh107n)) sh107n = 0.
IF (MISSING(sh107o)) sh107o = 0.
IF (MISSING(sh107p)) sh107p = 0.
EXECUTE.

FREQ hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv216 hv243b hv243c hv243d hv244 hv246b hv246c hv246d hv246e
hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
sh107o sh107p
h2opipe h2oyard h2opub h2otube h2ohand h2ppvwel h2pydwel h2spring
h2osurf h2otruck
h2ocart h2obottl h2other flswpvt flswshr flstpvt flstshr fldkpvt
fldkshr vippvt vipshr latslab latopvt
latoshr latbush latpbckt latsbckt latphang latshang dirtfloo
chipfloo tilefloo marbfloo cemtfloo carpfloo
brckfloo matfloo mudwall bamwall ubbkwall stblwall bbkwall
cemtwall othwall natroof feasroof tferoof
rccroof othroof cookelec cooklpg cookngas cookbgas cookchar
cookwood cookstrw cookcrop cookdung
cooknone memsleep.

FACTOR
  /VARIABLES hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv216 hv243b hv243c hv243d hv244 hv246b hv246c hv246d hv246e
hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
```

```
sh107o sh107p
h2opipe h2oyard h2opub h2otube h2ohand h2ppvwel h2pydwel h2spring
h2osurf h2otruck
h2ocart h2obottl h2other flswpvt flswshr flstpvt flstshr fldkpvt
fldkshr vippvt vipshr latslab latopvt
latoshr latbush latpbckt latsbckt latphang latshang dirtfloo
chipfloo tilefloo marbfloo cemtfloo carpfloo
brckfloo matfloo mudwall bamwall ubbkwall stblwall bbkwall
cemtwall othwall natroof feasroof tferoof
rccroof othroof cookelec cooklpg cookngas cookbgas cookchar
cookwood cookstrw cookcrop cookdung
cooknone memsleep
   /MISSING MEANSUB /ANALYSIS hv206 hv207 hv208 hv209 hv210 hv211
hv212 hv221
hv216 hv243b hv243c hv243d hv244 hv246b hv246c hv246d hv246e
hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
sh107o sh107p
h2opipe h2oyard h2opub h2otube h2ohand h2ppvwel h2pydwel h2spring
h2osurf h2otruck
h2ocart h2obottl h2other flswpvt flswshr flstpvt flstshr fldkpvt
fldkshr vippvt vipshr latslab latopvt
latoshr latbush latpbckt latsbckt latphang latshang dirtfloo
chipfloo tilefloo marbfloo cemtfloo carpfloo
brckfloo matfloo mudwall bamwall ubbkwall stblwall bbkwall
cemtwall othwall natroof feasroof tferoof
rccroof othroof cookelec cooklpg cookngas cookbgas cookchar
cookwood cookstrw cookcrop cookdung
cooknone memsleep
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL)
  /METHOD=CORRELATION .


save outfile="c:\pk06\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 .


RECODE
fac1_1
```

```
(Lowest thru -1.003236835262=1)  (-1.003236835262 thru
-0.4093651739134=2)  (-0.4093651739134 thru
0.3140358235994=3)  (0.3140358235994 thru 1.014427376786=4)
(1.014427376786 thru Highest=5)  INTO
wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

write outfile="c:\pk06\scores.dat" records=1 table
/hhid fac1_1 wlthind5.
execute.

MEANS
   TABLES=hv206 hv207 hv208 hv209 hv210 hv211 hv212 hv221
hv216 hv243b hv243c hv243d hv244 hv246b hv246c hv246d hv246e
hv246f
hv246g hv246h sh107f sh107g sh107h sh107i sh107j sh107k sh107l
sh107m sh107n
sh107o sh107p
h2opipe h2oyard h2opub h2otube h2ohand h2ppvwel h2pydwel h2spring
h2osurf h2otruck
h2ocart h2obottl h2other flswpvt flswshr flstpvt flstshr fldkpvt
fldkshr vippvt vipshr latslab latopvt
latoshr latbush latpbckt latsbckt latphang latshang dirtfloo
chipfloo tilefloo marbfloo cemtfloo carpfloo
brckfloo matfloo mudwall bamwall ubbkwall stblwall bbkwall
cemtwall othwall natroof feasroof tferoof
rccroof othroof cookelec cooklpg cookngas cookbgas cookchar
cookwood cookstrw cookcrop cookdung
cooknone memsleep
BY
 wlthind5
  /CELLS MEAN  .

FREQ wlthind5.
WEIGHT OFF.
FREQ wlthind5.



* RECODING FOR VA HHS (USE VA FILE ONLY!!!).


COMPUTE scelec = 0.
IF (hv206 = 0) scelec = -0.12408.
IF (hv206 = 1) scelec = 0.01449.
VAR LABEL scelec "has electricity".

COMPUTE scradio = 0.
IF (hv207 = 0) scradio = -0.00697.
IF (hv207 = 1) scradio = 0.01295.
VAR LABEL scradio "has radio".
```

```
COMPUTE sctv = 0.
IF (hv208 = 0) sctv = -0.07084.
IF (hv208 = 1) sctv = 0.05495.
VAR LABEL sctv "has tv".

COMPUTE scfrig = 0.
IF (hv209 = 0) scfrig = -0.05488.
IF (hv209 = 1) scfrig = 0.09032.
VAR LABEL scfrig "has a fridge".

COMPUTE scbike = 0.
IF (hv210 = 0) scbike = -0.01001.
IF (hv210 = 1) scbike = 0.01608.
VAR LABEL scbike "has a bicycle".

COMPUTE scmotor = 0.
IF (hv211 = 0) scmotor = -0.01871.
IF (hv211 = 1) scmotor = 0.08091.
VAR LABEL scmotor "has a motorcycle".

COMPUTE sccar = 0.
IF (hv212 = 0) sccar = -0.00841.
IF (hv212 = 1) sccar = 0.10149.
VAR LABEL sccar "has a car/truck".

COMPUTE scphone = 0.
IF (hv221 = 0) scphone = -0.05721.
IF (hv221 = 1) scphone = 0.06767.
VAR LABEL scphone "has a phone".

COMPUTE scsleep = (((hv216 - 2.068)/1.260) * 0.02837).
VAR LABEL scsleep "members per sleeping room".

COMPUTE scwatch = 0.
IF (hv243b = 0) scwatch = -0.07167.
IF (hv243b = 1) scwatch = 0.01557.
VAR LABEL scwatch "has a watch".

COMPUTE sccart = 0.
IF (hv243c = 0) sccart = 0.00482.
IF (hv243c = 1) sccart = -0.04984.
VAR LABEL sccart "has an animal-drawn cart".

COMPUTE scboat = 0.
IF (hv243d = 0) scboat = -0.00003.
IF (hv243d = 1) scboat = 0.01197.
VAR LABEL scboat "has a motorboat".

COMPUTE scland = 0.
IF (hv244 = 0) scland = 0.01141.
IF (hv244 = 1) scland = -0.02108.
```

```
VAR LABEL scland "has ag land".

COMPUTE sccow = (((hv246b - 0.523)/2.182) * -0.01524).
VAR LABEL sccow "cows/bulls owned".

COMPUTE schorse = (((hv246c - 0.161)/1.134) * -0.01189).
VAR LABEL schorse "horse/donkey/mule owned".

COMPUTE scgoat = (((hv246d - 1.302)/4.105) * -0.02503).
VAR LABEL scgoat "goats owned".

COMPUTE scsheep = (((hv246e - 0.378)/2.873) * -0.01393).
VAR LABEL scsheep "sheep owned".

COMPUTE scchick = (((hv246f - 1.469)/4.958) * -0.01575).
VAR LABEL scchick "chickens owned".

COMPUTE scbuff = (((hv246g - 0.564)/2.113) * -0.00905).
VAR LABEL scbuff "buffalo owned".

COMPUTE sccamel = (((hv246h - 0.031)/1.043) * -0.00422).
VAR LABEL sccamel "camels owned".

COMPUTE scac = 0.
IF (sh107f = 0) scac = -0.02188.
IF (sh107f = 1) scac = 0.11925.
VAR LABEL scac "has AC".

COMPUTE scwashm = 0.
IF (sh107g = 0) scwashm = -0.06374.
IF (sh107g = 1) scwashm = 0.07810.
VAR LABEL scwashm "has washing machine".

COMPUTE scpump = 0.
IF (sh107h = 0) scpump = -0.03642.
IF (sh107h = 1) scpump = 0.06091.
VAR LABEL scpump "has water pump".

COMPUTE scbed = 0.
IF (sh107i = 0) scbed = -0.06117.
IF (sh107i = 1) scbed = 0.02063.
VAR LABEL scbed "has bed".

COMPUTE scchair = 0.
IF (sh107j = 0) scchair = -0.05798.
IF (sh107j = 1) scchair = 0.05707.
VAR LABEL scchair "has chairs".

COMPUTE scalmir = 0.
IF (sh107k = 0) scalmir = -0.05906.
IF (sh107k = 1) scalmir = 0.07095.
VAR LABEL scalmir "has almirah".
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COMPUTE scclock = 0.
IF (sh107l = 0) scclock = -0.09957.
IF (sh107l = 1) scclock = 0.02667.
VAR LABEL scclock "has a clock".

COMPUTE scsofa = 0.
IF (sh107m = 0) scsofa = -0.04141.
IF (sh107m = 1) scsofa = 0.10503.
VAR LABEL scsofa "has a sofa".

COMPUTE scsew = 0.
IF (sh107n = 0) scsew = -0.06476.
IF (sh107n = 1) scsew = 0.04388.
VAR LABEL scsew "has sewing machine".

COMPUTE sccam = 0.
IF (sh107o = 0) sccam = -0.01636.
IF (sh107o = 1) sccam = 0.11553.
VAR LABEL sccam "has camera".

COMPUTE scpc = 0.
IF (sh107p = 0) scpc = -0.01373.
IF (sh107p = 1) scpc = 0.14216.
VAR LABEL scpc "has PC".

COMPUTE scpipe = 0.
IF (h2opipe = 0) scpipe = -0.02783.
IF (h2opipe = 1) scpipe = 0.06155.
VAR LABEL scpipe "has water piped in house".

COMPUTE scyard = 0.
IF (h2oyard = 0) scyard = -0.00093.
IF (h2oyard = 1) scyard = 0.01281.
VAR LABEL scyard "has water piped into yard".

COMPUTE scpub = 0.
IF (h2opub = 0) scpub = -0.00006.
IF (h2opub = 1) scpub = 0.00235.
VAR LABEL scpub "has water piped into public source".

COMPUTE sctube = 0.
IF (h2otube = 0) sctube = -0.00556.
IF (h2otube = 1) sctube = 0.03401.
VAR LABEL sctube "has water from tubewell".

COMPUTE schand = 0.
IF (h2ohand = 0) schand = 0.02833.
IF (h2ohand = 1) schand = -0.06221.
VAR LABEL schand "has water from handpump".

COMPUTE scppvwel = 0.
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IF (h2ppvwel = 0) scppvwel = 0.00186.
IF (h2ppvwel = 1) scppvwel = -0.03808.
VAR LABEL scppvwel "has water from protected well".

COMPUTE scpydwel = 0.
IF (h2pydwel = 0) scpydwel = 0.00112.
IF (h2pydwel = 1) scpydwel = -0.08676.
VAR LABEL scpydwel "has water from unprotected well".

COMPUTE scspring = 0.
IF (h2spring = 0) scspring = 0.00115.
IF (h2spring = 1) scspring = -0.09781.
VAR LABEL scspring "has water from spring".

COMPUTE scsurf = 0.
IF (h2osurf = 0) scsurf = 0.00193.
IF (h2osurf = 1) scsurf = -0.06913.
VAR LABEL scsurf "has water from surface source".

COMPUTE sctank = 0.
IF (h2otruck = 0) sctank = -0.00032.
IF (h2otruck = 1) sctank = 0.02691.
VAR LABEL sctank "has water from tanker truck".

COMPUTE sccart = 0.
IF (h2ocart = 0) sccart = -0.00014.
IF (h2ocart = 1) sccart = 0.02495.
VAR LABEL sccart "has water from cart".

COMPUTE scobottl = 0.
IF (h2obottl = 0) scobottl = -0.00092.
IF (h2obottl = 1) scobottl = 0.13917.
VAR LABEL scobottl "has water from bottles".

COMPUTE sch2oth = 0.
IF (h2other = 0) sch2oth = 0.00017.
IF (h2other = 1) sch2oth = -0.01583.
VAR LABEL sch2oth "has water from other".

COMPUTE scswpvt = 0.
IF (flswpvt = 0) scswpvt = -0.03353.
IF (flswpvt = 1) scswpvt = 0.08217.
VAR LABEL scswpvt "has pvt flush to sewer".

COMPUTE scswshr = 0.
IF (flswshr = 0) scswshr = -0.00221.
IF (flswshr = 1) scswshr = 0.05064.
VAR LABEL scswshr "has shared flush to sewer".

COMPUTE scstpvt = 0.
IF (flstpvt = 0) scstpvt = -0.00656.
IF (flstpvt = 1) scstpvt = 0.03773.
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```
VAR LABEL scstpvt "has pvt flush to septic".

COMPUTE scstshr = 0.
IF (flstshr = 0) scstshr = 0.00020.
IF (flstshr = 1) scstshr = -0.00714.
VAR LABEL scstshr "has shr flush to septic".

COMPUTE scdkpvt = 0.
IF (fldkpvt = 0) scdkpvt = -0.00656.
IF (fldkpvt = 1) scdkpvt = 0.03773.
VAR LABEL scdkpvt "has pvt flush to dk".

COMPUTE scdkshr = 0.
IF (fldkshr = 0) scdkshr = 0.00020.
IF (fldkshr = 1) scdkshr = -0.00714.
VAR LABEL scdkshr "has shr flush to dk".

COMPUTE scvippvt = 0.
IF (vippvt = 0) scvippvt = 0.00000.
IF (vippvt = 1) scvippvt = 0.00089.
VAR LABEL scvippvt "uses pvt vip lat".

COMPUTE scvipshr = 0.
IF (vipshr = 0) scvipshr = 0.00004.
IF (vipshr = 1) scvipshr = -0.03020.
VAR LABEL scvipshr "uses shr vip lat".

COMPUTE scslab = 0.
IF (latslab = 0) scslab = 0.00021.
IF (latslab = 1) scslab = -0.01430.
VAR LABEL scslab "has slablat".

COMPUTE scopvt = 0.
IF (latopvt = 0) scopvt = 0.00197.
IF (latopvt = 1) scopvt = -0.07995.
VAR LABEL scopvt "has pvt open lat".

COMPUTE scoshr = 0.
IF (latoshr = 0) scoshr = 0.00074.
IF (latoshr = 1) scoshr = -0.08178.
VAR LABEL scoshr "has shared open lat".

COMPUTE scbush = 0.
IF (latbush = 0) scbush = 0.03741.
IF (latbush = 1) scbush = -0.09820.
VAR LABEL scbush "uses bush".

COMPUTE scpbuckt = 0.
IF (latpbckt = 0) scpbuckt = 0.00108.
IF (latpbckt = 1) scpbuckt = -0.07193.
VAR LABEL scpbuckt "has pvt bucket lat".
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COMPUTE scsbuckt = 0.
IF (latsbckt = 0) scsbuckt = 0.00030.
IF (latsbckt = 1) scsbuckt = -0.07810.
VAR LABEL scsbuckt "has shr bucket lat".

COMPUTE scphang = 0.
IF (latphang = 0) scphang = 0.00015.
IF (latphang = 1) scphang = -0.00309.
VAR LABEL scphang "has pvt hanging lat".

COMPUTE scshang = 0.
IF (latshang = 0) scshang = 0.00018.
IF (latshang = 1) scshang = -0.02089.
VAR LABEL scshang "has shr hanging lat".

COMPUTE scdfloor = 0.
IF (dirtfloo = 0) scdfloor = 0.07107.
IF (dirtfloo = 1) scdfloor = -0.07422.
VAR LABEL scdfloor "has dirt floor".

COMPUTE scchpfl = 0.
IF (chipfloo = 0) scchpfl = 0.07107.
IF (chipfloo = 1) scchpfl = -0.07422.
VAR LABEL scchpfl "has chip floor".

COMPUTE sctilfl = 0.
IF (tilefloo = 0) sctilfl = -0.00121.
IF (tilefloo = 1) sctilfl = 0.11103.
VAR LABEL sctilfl "has tile floor".

COMPUTE scmrbfl = 0.
IF (marbfloo = 0) scmrbfl = -0.00319.
IF (marbfloo = 1) scmrbfl = 0.13181.
VAR LABEL scmrbfl "has marble floor".

COMPUTE sccmtfl = 0.
IF (cemtfloo = 0) sccmtfl = -0.02901.
IF (cemtfloo = 1) sccmtfl = 0.06601.
VAR LABEL sccmtfl "has cement floor".

COMPUTE sccrpfl = 0.
IF (carpfloo = 0) sccrpfl = -0.00074.
IF (carpfloo = 1) sccrpfl = 0.12851.
VAR LABEL sccrpfl "has carpet floor".

COMPUTE scbrkfl = 0.
IF (brckfloo = 0) scbrkfl = -0.00236.
IF (brckfloo = 1) scbrkfl = 0.02521.
VAR LABEL scbrkfl "has brick floor".

COMPUTE scmatfl = 0.
IF (matfloo = 0) scmatfl = 0.00053.
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IF (matfloo = 1) scmatfl = -0.05430.
VAR LABEL scmatfl "has mat floor".

COMPUTE scmudwl = 0.
IF (mudwall = 0) scmudwl = 0.02531.
IF (mudwall = 1) scmudwl = -0.07892.
VAR LABEL scmudwl "has mud walls".

COMPUTE scbamwl = 0.
IF (bamwall = 0) scbamwl = 0.00919.
IF (bamwall = 1) scbamwl = -0.09975.
VAR LABEL scbamwl "has bamboo walls".

COMPUTE scubbwl = 0.
IF (ubbkwall = 0) scubbwl = 0.00403.
IF (ubbkwall = 1) scubbwl = -0.07110.
VAR LABEL scubbwl "has unbaked brick walls".

COMPUTE scstbwl = 0.
IF (stblwall = 0) scstbwl = -0.00072.
IF (stblwall = 1) scstbwl = 0.06912.
VAR LABEL scstbwl "has stone block walls".

COMPUTE scbbkwl = 0.
IF (bbkwall = 0) scbbkwl = -0.00098.
IF (bbkwall = 1) scbbkwl = 0.00397.
VAR LABEL scbbkwl "has baked brick walls".

COMPUTE sccmtwl = 0.
IF (cemtwall = 0) sccmtwl = -0.05061.
IF (cemtwall = 1) sccmtwl = 0.07470.
VAR LABEL sccmtwl "has cemt walls".

COMPUTE scothwl = 0.
IF (othwall = 0) scothwl = 0.00023.
IF (othwall = 1) scothwl = -0.05571.
VAR LABEL scothwl "has other walls".

COMPUTE scnatrf = 0.
IF (natroof = 0) scnatrf = 0.04572.
IF (natroof = 1) scnatrf = -0.07732.
VAR LABEL scnatrf "has natural material roof".

COMPUTE scfasrf = 0.
IF (feasroof = 0) scfasrf = -0.00204.
IF (feasroof = 1) scfasrf = 0.04951.
VAR LABEL scfasrf "has iron/asbestos sheet roof".

COMPUTE sctferf = 0.
IF (tferoof = 0) sctferf = -0.00332.
IF (tferoof = 1) sctferf = 0.00678.
VAR LABEL sctferf "has t-iron/wood/brick roof".
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COMPUTE scrccrf = 0.
IF (rccroof = 0) scrccrf = -0.03284.
IF (rccroof = 1) scrccrf = 0.09578.
VAR LABEL scrccrf "has rcc roof".

COMPUTE scothrf = 0.
IF (othroof = 0) scothrf = -0.00009.
IF (othroof = 1) scothrf = 0.02542.
VAR LABEL scothrf "has other material roof".

COMPUTE scckelec = 0.
IF (cookelec = 0) scckelec = 0.00000.
IF (cookelec = 1) scckelec = 0.00099.
VAR LABEL scckelec "uses elec for cooking".

COMPUTE sccklpg = 0.
IF (cooklpg = 0) sccklpg = -0.00477.
IF (cooklpg = 1) sccklpg = 0.08338.
VAR LABEL sccklpg "uses lpg for cooking".

COMPUTE scckngas = 0.
IF (cookngas = 0) scckngas = -0.03910.
IF (cookngas = 1) scckngas = 0.09524.
VAR LABEL scckngas "uses nat gas for cooking".

COMPUTE scckbgas = 0.
IF (cookbgas = 0) scckbgas = 0.00129.
IF (cookbgas = 1) scckbgas = -0.06099.
VAR LABEL scckbgas "uses biogas for cooking".

COMPUTE scckchar = 0.
IF (cookchar = 0) scckchar = 0.00025.
IF (cookchar = 1) scckchar = -0.05223.
VAR LABEL scckchar "uses charcoal for cooking".

COMPUTE scckwood = 0.
IF (cookwood = 0) scckwood = 0.04868.
IF (cookwood = 1) scckwood = -0.04884.
VAR LABEL scckwood "uses wood for cooking".

COMPUTE scckstrw = 0.
IF (cookstrw = 0) scckstrw = 0.00274.
IF (cookstrw = 1) scckstrw = -0.06936.
VAR LABEL scckstrw "uses straw for cooking".

COMPUTE scckcrop = 0.
IF (cookcrop = 0) scckcrop = 0.00121.
IF (cookcrop = 1) scckcrop = -0.04933.
VAR LABEL scckcrop "uses crop residues for cooking".

COMPUTE scckdung = 0.
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IF (cookdung = 0) scckdung = 0.00247.
IF (cookdung = 1) scckdung = -0.03920.
VAR LABEL scckdung "uses dung for cooking".

COMPUTE sccknone = 0.
IF (cooknone = 0) sccknone = 0.00012.
IF (cooknone = 1) sccknone = -0.05499.
VAR LABEL sccknone "no cooking".

EXECUTE.


COMPUTE rfscore = (scelec + scradio + sctv + scfrig + scbike +
scmotor + sccar + scphone +
scsleep + scwatch + sccart + scboat + scland + sccow + schorse +
scgoat + scsheep + scchick +
scbuff + sccamel + scac + scwashm + scpump + scbed + scchair +
scalmir + scclock + scsofa +
scsew + sccam + scpc + scpipe + scyard + scpub + sctube + schand
+ scppvwel + scpydwel +
scspring + scsurf + sctank + scobottl + sch2oth + scswpvt +
scswshr + scstpvt + scstshr +
scdkpvt + scdkshr + scvippvt + scvipshr + scslab + scopvt +
scoshr + scbush + scpbuckt +
scsbuckt + scphang + scshang + scdfloor + scchpfl + sctilfl +
scmrbfl + sccmtfl + sccrpfl +
scbrkfl + scmatfl + scmudwl + scbamwl + scubbwl + scstbwl +
scbbkwl + sccmtwl + scothwl +
scnatrf + scfasrf + sctferf + scrccrf + scothrf + scckelec +
sccklpg + scckngas + scckbgas +
scckchar + scckwood + scckstrw + scckcrop + scckdung + sccknone).
EXECUTE.
FREQ rfscore.

RECODE
rfscore
(Lowest thru -1.003236835262=1)  (-1.003236835262 thru
-0.4093651739134=2)  (-0.4093651739134 thru
0.3140358235994=3)  (0.3140358235994 thru 1.014427376786=4)
(1.014427376786 thru Highest=5)  INTO
wlthind5 .
VARIABLE LABELS wlthind5 'Wealth Index Quintiles'.
EXECUTE .

FREQ wlthind5.

write outfile="c:\pk06\pk06VAscores.dat" records=1 table
/hhid rfscore wlthind5.
execute.
```