```
DATA LIST FILE='T:\kia\maldives\MVASSETS.DAT' RECORDS=1
/
 HHID          1-5
 QHWEIGHT      6-13
 QH101         14-15
 QH102         16-17
 QH103         18-18
 QH104         19-21
 QH105         22-22
 QH106         23-23
 QH107         24-30    (A)
 QH108         31-31
 QH109         32-33
 QH110         34-34
 QH111         35-36
 QH112A        37-37
 QH112B        38-38
 QH112C        39-39
 QH112D        40-40
 QH112E        41-41
 QH112F        42-42
 QH112G        43-43
 QH112H        44-44
 QH112I        45-45
 QH112J        46-46
 QH112K        47-47
 QH113         48-49
 QH114         50-50
 QH115         51-51
 QH116         52-52
 QH117         53-53
 QH118         54-55
 QH119         56-57
 QH120         58-59
 QH121         60-61
 QH122A        62-62
 QH122B        63-63
 QH122C        64-64
 QH122D        65-65
 QH122E        66-66
 QH122F        67-67
 QH122G        68-68
 QH123         69-69
 QH124         70-70
 QH125         71-71
 QH126         72-72
 QH127         73-73
 QH128         74-75
 QH129         76-77
 QHGEO         78-78
 QHTYPE        79-79
 DOMESTIC      80-80
```

```
  OWNLAND    81-81
  DEFACTO    82-83
  DEJURE     84-85
.
VARIABLE LABELS
 HHID       "Household Identification"
/QHWEIGHT "Household weight (6 decimals)"
/QH101     "Source of drinking water"
/QH102     "Source of non-drinking water"
/QH103     "Location of source for water"
/QH104     "Time to water and back (mins)"
/QH105     "Person fetching water"
/QH106     "Do anything to water to make safe to drink"
/QH107     "What do you usually do to make water safe to drink"
/QH108     "Experienced a shortage of drinking water"
/QH109     "Type of toilet facility"
/QH110     "Share facilities with other households"
/QH111     "Number of households sharing toilet"
/QH112A    "Electricity"
/QH112B    "Radio"
/QH112C    "Television"
/QH112D    "Satellite/cable"
/QH112E    "Computer"
/QH112F    "Internet"
/QH112G    "Mobile telephone"
/QH112H    "Telephone (non-mobile)"
/QH112I    "Refrigerator"
/QH112J    "Air conditioner"
/QH112K    "Washing machine"
/QH113     "Type of cooking fuel"
/QH114     "Food cooked on stove or open fire"
/QH115     "HH has a chimney, hood or neither"
/QH116     "Food cooked in the house / in separate building /
outdoors"
/QH117     "Household has separate room used as kitchen"
/QH118     "Main material of floor"
/QH119     "Main roof material"
/QH120     "Main wall material"
/QH121     "Number of rooms used for sleeping"
/QH122A    "Watch"
/QH122B    "Bicycle"
/QH122C    "Motorcycle or Scooter"
/QH122D    "Car or Truck"
/QH122E    "Pickup/lorry"
/QH122F    "Boat with a motor"
/QH122G    "Any other boat"
/QH123     "Bank account"
/QH124     "Displaced because of tsunami"
/QH125     "Displaced on this island or to another island"
/QH126     "Which type of shelter or house are they living now"
/QH127     "Provided shelter because of tsunami"
/QH128     "For how many people provided shelter"
```

```
/QH129    "How many members received benefits after the tsunami"
/QHGEO    "Geographical region"
/QHTYPE   "Type of place of residence"
/DOMESTIC "If HH has a domestic worker not related to head"
/OWNLAND  "If household works own or family's agric. land"
/DEFACTO  "Number of defacto members"
/DEJURE   "Number of dejure members"
.
MISSING VALUE
 QH101    (99)
/QH102    (99)
/QH103    (9)
/QH104    (999)
/QH105    (9)
/QH106    (9)
/QH108    (9)
/QH109    (99)
/QH110    (9)
/QH111    (99)
/QH112A   (9)
/QH112B   (9)
/QH112C   (9)
/QH112D   (9)
/QH112E   (9)
/QH112F   (9)
/QH112G   (9)
/QH112H   (9)
/QH112I   (9)
/QH112J   (9)
/QH112K   (9)
/QH113    (99)
/QH114    (9)
/QH115    (9)
/QH116    (9)
/QH117    (9)
/QH118    (99)
/QH119    (99)
/QH120    (99)
/QH121    (99)
/QH122A   (9)
/QH122B   (9)
/QH122C   (9)
/QH122D   (9)
/QH122E   (9)
/QH122F   (9)
/QH122G   (9)
/QH123    (9)
/QH124    (9)
/QH125    (9)
/QH126    (9)
/QH127    (9)
/QH128    (99)
```

```
/QH129    (99)
.
VALUE LABELS
 QH101
     11 "Piped - into dwelling"
     12 "Piped - into yard/plot"
     13 "Piped - public tap / standpipe"
     21 "Tube well or borehole"
     31 "Dug well - protected"
     32 "Dug well - unprotected"
     41 "Tank in compound"
     42 "Public or community tank"
     91 "Bottled water"
     96 "Other"
/QH102
     11 "Piped - into dwelling"
     12 "Piped  - into yard/plot"
     13 "Piped - public tap / standpipe"
     21 "Tube well or borehole"
     31 "Dug well - protected"
     32 "Dug well - unprotected"
     41 "Tank in compound"
     42 "Public or community tank"
     91 "Bottled water"
     96 "Other"
/QH103
      1 "In own dwelling"
      2 "In own yard/plot"
      3 "Elsewhere"
/QH104
    996 "On premises"
    998 "Don't know"
/QH105
      1 "Adult woman"
      2 "Adult man"
      3 "Female child under 15 years old"
      4 "Male child under 15 years old"
      6 "Other"
/QH106
      1 "Yes"
      2 "No"
      8 "Don't know"
/QH108
      1 "Yes"
      2 "No"
      8 "Don't know"
/QH109
     11 "Flush - to piped sewer system"
     12 "Flush - to septic tank"
     13 "Flush - to pit latrine"
     14 "Flush - to somewhere else"
     15 "Flush - don't know where"
```

```
      21 "Pit latrine - ventilated improved pit (VIP)"
      22 "Pit latrine - with slab"
      23 "Pit latrine - without slab / open pit"
      61 "No facility/bush/field"
      96 "Other"
/QH110
       1 "Yes"
       2 "No"
/QH111
      95 "10 or more households"
      98 "Don't know"
/QH112A
       1 "Yes"
       2 "No"
/QH112B
       1 "Yes"
       2 "No"
/QH112C
       1 "Yes"
       2 "No"
/QH112D
       1 "Yes"
       2 "No"
/QH112E
       1 "Yes"
       2 "No"
/QH112F
       1 "Yes"
       2 "No"
/QH112G
       1 "Yes"
       2 "No"
/QH112H
       1 "Yes"
       2 "No"
/QH112I
       1 "Yes"
       2 "No"
/QH112J
       1 "Yes"
       2 "No"
/QH112K
       1 "Yes"
       2 "No"
/QH113
       1 "Electricity"
       2 "LPG"
       4 "Biogas"
       5 "Kerosene"
       8 "Wood"
      95 "No food cooked in HH"
      96 "Other"
```

```
/QH114
     1 "Open fire"
     2 "Open stove"
     3 "Closed stove with chimney"
     6 "Other"
/QH115
     1 "Chimney"
     2 "Hood"
     3 "Neither"
/QH116
     1 "In the house"
     2 "In a separate building"
     3 "Outdoors"
     6 "Other"
/QH117
     1 "Yes"
     2 "No"
/QH118
    11 "Earth, sand"
    21 "Wood planks"
    31 "Cement"
    32 "Tiles"
    33 "Concrete sheet"
    34 "Durable wood"
    35 "Carpet"
    96 "Other"
/QH119
    11 "No roof"
    12 "Thatch / palm leaf"
    31 "Galvanized sheets"
    32 "Roofing tiles"
    33 "Concrete sheets"
    34 "Wood"
    96 "Other"
/QH120
    11 "No walls"
    21 "Thatch with stick"
    31 "Finished walls with bricks"
    32 "Bricks, unplastered"
    33 "Thin plywood/wood sticks"
    34 "Galvanized sheets"
    35 "Durable wood/sheets"
    96 "Other"
/QH122A
     1 "Yes"
     2 "No"
/QH122B
     1 "Yes"
     2 "No"
/QH122C
     1 "Yes"
     2 "No"
```

```
/QH122D
     1 "Yes"
     2 "No"
/QH122E
     1 "Yes"
     2 "No"
/QH122F
     1 "Yes"
     2 "No"
/QH122G
     1 "Yes"
     2 "No"
/QH123
     1 "Yes"
     2 "No"
/QH124
     1 "Yes"
     2 "No"
/QH125
     1 "On this island"
     2 "To another island"
/QH126
     1 "Temporary shelter"
     2 "Old damaged house"
     3 "Own renovated/repaired house"
     4 "Reconstructed new house"
     5 "Living with host families"
/QH127
     1 "Yes"
     2 "No"
/QH128
    96 "96+"
    98 "Don't know"
/QH129
    98 "Don't know"
/QHGEO
     1 "Mal,"
     2 "North"
     3 "North Central"
     4 "Central"
     5 "South Central"
     6 "South"
/QHTYPE
     1 "Urban"
     2 "Rural"
/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 (dejure=0) dejure=defacto.
if (qh121>0) memsleep=trunc(dejure/qh121).
if (qh121=0) memsleep=dejure.
if (memsleep>=98) memsleep=98.

VARIABLE LABELS
MEMSLEEP "Number of members per sleeping room".
value labels memsleep 0 'Less than 1 per room'.

*{Drinking water supply}.
compute h2oires=0.
   if (qh101=11) h2oires=1.
   var labels h2oires "Piped into dwelling".
compute h2oyrdr=0.
   if (qh101=12) h2oyrdr=1.
   var labels h2oyrdr "Piped into yard/plot".
compute h2opub=0.
   if (qh101=13) h2opub=1.
   var labels h2opub "Public tap/standpipe".
compute h2otwell=0.
   if (qh101=21) h2otwell=1.
   var labels h2otwell "Tube well or borehole".
compute h2odpwell=0.
   if (qh101=31) h2odpwell=1.
   var labels h2odpwell "Dug protected Well".
compute h2oduwell=0.
   if (qh101=32) h2oduwell=1.
   var labels h2oduwell "Dug unprotected Well".
compute h2optnk=0.
   if (qh101=41) h2optnk=1.
   var labels h2optnk "Tank in compound".
compute h2octnk=0.
   if (qh101=42) h2octnk=1.
   var labels h2octnk "Public or community tank".
compute h2obotl=0.
   if (qh101=91) h2obotl=1.
   var labels h2obotl "Tanker truck".
compute h2ooth=0.
   if (qh101=96) h2ooth=1.
   var labels h2ooth "Other water source".

*{Toilet facility}.
compute flush1=0.
   if (qh109=11) flush1=1.
   var labels flush1 "Flush toilet to piped sewer system".
compute flush2=0.
   if (qh109=12) flush2=1.
   var labels flush2 "Flush toilet to septic tank".
compute flush3=0.
```

```
     if (qh109=13) flush3=1.
     var labels flush3 "Flush toilet to pit latrine".
compute flush4=0.
     if (qh109=14) flush4=1.
     var labels flush4 "Flush toilet to somwhere else".
compute flush5=0.
     if (qh109=15) flush5=1.
     var labels flush5 "Flush toilet to unknown".

compute latvip=0.
     if (qh109=21) latvip=1.
     var labels latvip "Ventilated improved pit latrine".
compute latslb=0.
     if (qh109=22) latslb=1.
     var labels latslb "Pit latrine with slab".
compute latpit1=0.
     if (qh109=23) latpit1=1.
     var labels latpit1 "Open pit latrine".
compute latbush=0.
     if (qh109=61) latbush=1.
     var labels latbush "No facility/bush/field".
compute latoth=0.
     if (qh109=96) latoth=1.
     var labels latoth "Other toilet facility".

compute shared=0.
    if (qh110=1) shared=1.
    var labels shared "Shared toilet or latrine".
compute sflush1=0.
     if (qh109=11 and qh110=1) sflush1=1.
     var labels sflush1 "Shared flush toilet to sewer".
compute sflush2=0.
     if (qh109=12 and qh110=1) sflush2=1.
     var labels sflush2 "Shared flush toilet to septic tank".
compute sflush3=0.
     if (qh109=13 and qh110=1) sflush3=1.
     var labels sflush3 "Shared flush toilet to pit latrine".
compute sflush4=0.
     if (qh109=14 and qh110=1) sflush4=1.
     var labels sflush4 "Shared flush toilet to somewhere else".
compute sflush5=0.
     if (qh109=15 and qh110=1) sflush5=1.
     var labels sflush5 "Shared flush toilet to unknown".

compute slatvip=0.
     if (qh109=21 and qh110=1) slatvip=1.
     var labels slatvip "Shared ventilated latrine".
compute slatslb=0.
     if (qh109=22 and qh110=1) slatslb=1.
     var labels slatslb "Shared pit latrine with slab".
compute slatpit1=0.
     if (qh109=23 and qh110=1) slatpit1=1.
```

```
      var labels slatpit1 "Shared open pit latrine".

*{Flooring}.
compute dirtfloo=0.
   if (qh118=11) dirtfloo=1.
   var labels dirtfloo "Earth, mud, dung floor".
compute woodfloo=0.
    if (qh118=21) woodfloo=1.
   var labels woodfloo "Rudimentary wood plank floor".
compute prqfloo=0.
   if (qh118=34) prqfloo=1.
   var labels prqfloo "Parquet, wood tile floor".
compute shtfloo=0.
   if (qh118=33) shtfloo=1.
   var labels shtfloo "Concrete sheet floor".
compute tilefloo=0.
   if (qh118=32) tilefloo=1.
   var labels tilefloo "Terrazo, ceramic tile floor".
compute cemtfloo=0.
   if (qh118=31) cemtfloo=1.
   var labels cemtfloo "Cement, brick floor".
compute rugfloo=0.
   if (qh118=35) rugfloo=1.
   var labels rugfloo "Carpeted floor".

compute othfloo=0.
   if (qh118=96) othfloo=1.
   var labels othfloo "Other type of flooring".


*{Walls}.
compute nowall=0.
  if (qh120=11) nowall=1.
  var labels nowall "No walls".
compute natwall=0.
  if (qh120=21) natwall=1.
  var labels natwall "Thatch with sticks".
compute cmtwall=0.
  if (qh120=31) cmtwall=1.
  var labels cmtwall "Finished Brick, Cement block walls".
compute ubkwall=0.
  if (qh120=32) ubkwall=1.
  var labels ubkwall "Unplastered brick walls".
compute woodwall=0.
  if (qh120=33) woodwall=1.
  var labels woodwall "Thin plywood, wood sticks walls".
compute mtlwall=0.
  if (qh120=34) mtlwall=1.
  var labels mtlwall "Galvanized sheets".
compute plywdwall=0.
  if (qh120=35) plywdwall=1.
  var labels plywdwall "Plywood walls".
```

```
compute othwall=0.
  if (qh120=96) othwall=1.
  var labels othwall "Other type of walls".

*{Roofing}.
compute noroof=0.
  if (qh119=11) noroof=1.
  var labels noroof "No roof".
compute natroof=0.
  if (qh119=12) natroof=1.
  var labels natroof "Straw/Palm/Cane/Mud roof".
compute corrroof=0.
  if (qh119=31) corrroof=1.
  var labels corrroof "Corrugated roof".
compute tileroof=0.
  if (qh119=32) tileroof=1.
  var labels tileroof "Ceramic tile roof".
compute cmtroof=0.
  if (qh119=33) cmtroof=1.
  var labels cmtroof "Concrete sheets".
compute woodroof=0.
  if (qh119=34) woodroof=1.
  var labels woodroof "Wood roof".
compute othroof=0.
  if (qh119=96) othroof=1.
  var labels othroof "Other type of roof".

*{Cooking Fuel}.
compute cookelec=0.
  if (qh113=1) cookelec=1.
  var labels cookelec "Electricity for cooking".
compute cooklpg=0.
  if (qh113=2) cooklpg=1.
  var labels cooklpg "Bottled gas for cooking".
compute cookbio=0.
  if (qh113=4) cookbio=1.
  var labels cookbio "Biogas for cooking".
compute cookkero=0.
  if (qh113=5) cookkero=1.
  var labels cookkero "Kerosene for cooking".
compute cookwood=0.
  if (qh113=8) cookwood=1.
  var labels cookwood "Wood for cooking".
compute cooknot=0.
  if (qh113=95) cooknot=1.
  var labels cooknot "Does not cook".
compute cookoth=0.
  if (qh113=96) cookoth=1.
  var labels cookoth "Other fuel for cooking".
```

```
*{Reset missing values to "does not have"}.
if (missing(qh112a) or qh112a=2) qh112a=0.
if (missing(qh112b) or qh112b=2) qh112b=0.
if (missing(qh112c) or qh112c=2) qh112c=0.
if (missing(qh112d) or qh112d=2) qh112d=0.
if (missing(qh112e) or qh112e=2) qh112e=0.
if (missing(qh112f) or qh112f=2) qh112f=0.
if (missing(qh112g) or qh112g=2) qh112g=0.
if (missing(qh112h) or qh112h=2) qh112h=0.
if (missing(qh112i) or qh112i=2) qh112i=0.
if (missing(qh112j) or qh112j=2) qh112j=0.
if (missing(qh112k) or qh112k=2) qh112k=0.

if (missing(qh122a) or qh122a=2) qh122a=0.
if (missing(qh122b) or qh122b=2) qh122b=0.
if (missing(qh122c) or qh122c=2) qh122c=0.
if (missing(qh122d) or qh122d=2) qh122d=0.
if (missing(qh122e) or qh122e=2) qh122e=0.
if (missing(qh122f) or qh122f=2) qh122f=0.
if (missing(qh122g) or qh122g=2) qh122g=0.

if (missing(qh123) or qh123=2) qh123=0.


execute.

FREQUENCIES
  VARIABLES=QH101 QH109 QH110 QH112A QH112B QH112C QH112D QH112E
QH112F
  QH112G QH112H QH112I QH112J QH112K QH122A QH122B QH122C QH122D
QH122E QH122F
  QH122G QH123
  /ORDER=  ANALYSIS .

FREQUENCIES
  VARIABLES=DOMESTIC memsleep h2oires h2oyrdr h2opub h2otwell
  h2odpwell h2oduwell h2optnk h2octnk h2obotl h2ooth flush1
flush2
  flush3 flush4 flush5 latvip latslb latpit1 latbush latoth
shared sflush1
  sflush2 sflush3 sflush4 sflush5 slatvip slatslb slatpit1
dirtfloo woodfloo
  prqfloo shtfloo tilefloo cemtfloo rugfloo othfloo nowall
natwall cmtwall
  ubkwall woodwall mtlwall plywdwall othwall noroof natroof
corrroof tileroof
  cmtroof woodroof othroof cookelec cooklpg cookbio cookkero
cookwood cooknot
  cookoth
  /ORDER=  ANALYSIS .


FACTOR
```

```
   /VARIABLES QH112A QH112B QH112C QH112D QH112E QH112F QH112G
QH112H QH112I
   QH112J QH112K QH122A QH122B QH122C QH122D QH122E QH122F QH122G
QH123
   DOMESTIC memsleep h2oires h2oyrdr h2opub h2odpwell h2oduwell
h2optnk h2octnk
   h2obotl h2ooth flush1 flush2 flush3 flush4 flush5 latvip latslb
latpit1
   latbush latoth shared sflush1 sflush2 sflush3 sflush4 slatvip
dirtfloo
   woodfloo prqfloo shtfloo tilefloo cemtfloo rugfloo othfloo
nowall natwall
   cmtwall ubkwall woodwall mtlwall plywdwall othwall noroof
natroof corrroof
   tileroof cmtroof woodroof othroof cookelec cooklpg cookbio
cookkero cookwood
   cooknot cookoth   /MISSING MEANSUB /ANALYSIS QH112A QH112B
QH112C QH112D
   QH112E QH112F QH112G QH112H QH112I QH112J QH112K QH122A QH122B
QH122C QH122D
   QH122E QH122F QH122G QH123 DOMESTIC memsleep h2oires h2oyrdr
h2opub
   h2odpwell h2oduwell h2optnk h2octnk h2obotl h2ooth flush1
flush2 flush3
   flush4 flush5 latvip latslb latpit1 latbush latoth shared
sflush1 sflush2
   sflush3 sflush4 slatvip dirtfloo woodfloo prqfloo shtfloo
tilefloo cemtfloo
   rugfloo othfloo nowall natwall cmtwall ubkwall woodwall mtlwall
plywdwall
   othwall noroof natroof corrroof tileroof cmtroof woodroof
othroof cookelec
   cooklpg cookbio cookkero cookwood cooknot cookoth
   /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
   /CRITERIA FACTORS(1) ITERATE(25)
   /EXTRACTION PC
   /ROTATION NOROTATE
   /SAVE REG(ALL)
   /METHOD=CORRELATION .


compute hhmemwt=dejure*qhweight/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

RANK
   VARIABLES=fac1_1  (A) /RANK /NTILES (5) /PRINT=YES
   /TIES=MEAN .

FREQUENCIES
   VARIABLES=fac1_1  /FORMAT=NOTABLE
   /NTILES= 5
```

```
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS
SESKEW
  KURTOSIS SEKURT
  /ORDER=  ANALYSIS .

frequencies variables=nfac1_1.

compute hhwt=qhweight/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .
MEANS
  TABLES=QH112A QH112B QH112C QH112D QH112E QH112F QH112G QH112H
QH112I
  QH112J QH112K QH122A QH122B QH122C QH122D QH122E QH122F QH122G
QH123
  DOMESTIC memsleep h2oires h2oyrdr h2opub h2odpwell h2oduwell
h2optnk h2octnk
  h2obotl h2ooth flush1 flush2 flush3 flush4 flush5 latvip latslb
latpit1
  latbush latoth shared sflush1 sflush2 sflush3 sflush4 slatvip
dirtfloo
  woodfloo prqfloo shtfloo tilefloo cemtfloo rugfloo othfloo
nowall natwall
  cmtwall ubkwall woodwall mtlwall plywdwall othwall noroof
natroof corrroof
  tileroof cmtroof woodroof othroof cookelec cooklpg cookbio
cookkero cookwood
  cooknot cookoth
BY nfac1_1
  /CELLS MEAN COUNT STDDEV  .

compute hv271=fac1_1.
Var labels hv271 'Household wealth score value'.
compute hv270=nfac1_1.
var labels hv270 'Household wealth quintile'.
value labels hv270 1 'Lowest quintile' 2 'Next-to-lowest
quintile'
     3 'Middle quintile' 4 'Next-to-highest quintile' 5 'Highest
quintile'.

save outfile="mvassets.sav".

WEIGHT
  OFF.
FREQUENCIES
  VARIABLES=hv271
  /ORDER=  ANALYSIS .

compute hhwt=qhweight/1000000.
weight by hhwt.

GRAPH
```

```
  /HISTOGRAM(NORMAL)=fac1_1
  /TITLE= 'Distribution of Households by Wealth Scores Maldives'.
FREQUENCIES
  VARIABLES=fac1_1   /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER=  ANALYSIS .


WRITE OUTFILE='mvscores.dat'
  TABLE
  /hhid hv270 hv271.
EXECUTE.

WEIGHT OFF.
```