```
** Urban Area

USE ALL.
COMPUTE filter_$=(hv025 = 1).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

WEIGHT
  OFF.

FREQUENCIES
  VARIABLES=HV244 HV245 HV246 HV246A HV246C HV246D HV246E
  HV246G HV246H HV246I HV246J
  /ORDER=  ANALYSIS .

Freq HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
HV243C
  HV243D HV244 HV245 HV244 HV245 HV246 HV246A HV246C HV246D
HV246E
  HV246G HV246H HV246I HV246J HV247 SH61A SH61B SH61C SH61D SH61E
SH61J SH61K
  SH61L SH61M SH61N SH61O SH61P SH61Q SH61R SH61S SH79 DOMESTIC
OWNLAND
  memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell h2osprng
h2osurf h2orain
  h2otrk h2obotl h2ooth flushin flushout latvip latsep latpit1
lathang latbush
  latoth shared sflushin sflushot slatvip slatsep slatpit1
dirtfloo woodfloo
  prqfloo vinfloo tilefloo cemtfloo othfloo woodwall natwall
tabwall adobwall
  bbmwall stonmwall cartwall cmtwall stoncwall plywdwall nowall
othwall
  natroof estroof bbroof cartroof cmtroof woodroof tileroof
corrroof othroof
  cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
cookstrw
  cookcrop cookdung cooknot cookoth eleclt lpglt kerolt candlt
battlt othlt.

*SH80.
freq HV243d.
FACTOR
  /VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243C
  HV243D HV244 HV245 HV244 HV245 HV246 HV246A HV246C HV246D
HV246E
  HV246G HV246H HV246I HV246J SH61A SH61B SH61C SH61D SH61E SH61J
```

```
SH61K
  SH61L SH61M SH61N SH61O SH61P SH61Q SH61R SH61S sh76a sh76b
sh76c sh76d sh76e sh77f
  SH79 DOMESTIC OWNLAND
  memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell h2osprng
h2osurf h2orain
  h2otrk h2obotl h2ooth flushin flushout latvip latsep latpit1
lathang latbush
  shared sflushin sflushot slatvip slatsep slatpit1 dirtfloo
woodfloo
  prqfloo vinfloo tilefloo cemtfloo othfloo woodwall natwall
tabwall adobwall
  bbmwall stonmwall cartwall cmtwall stoncwall plywdwall othwall
  natroof estroof bbroof cmtroof woodroof tileroof corrroof
othroof
  cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
cookstrw
  cookdung cooknot cookoth eleclt lpglt kerolt candlt battlt
othlt
 /MISSING MEANSUB /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211
HV212 HV221
  HV243A HV243C HV243D HV244 HV245 HV244 HV245 HV246 HV246A
HV246C HV246D HV246E
  HV246G HV246H HV246I HV246J SH61A SH61B SH61C SH61D
  SH61E SH61J SH61K SH61L SH61M SH61N SH61O SH61P SH61Q SH61R
SH61S
  sh76a sh76b sh76c sh76d sh76e sh77f SH79
  DOMESTIC OWNLAND memsleep h2oires h2oyrdr h2opub h2opvwell
h2opbwell
  h2osprng h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout
latvip
  latsep latpit1 lathang latbush shared sflushin sflushot slatvip
  slatsep slatpit1 dirtfloo woodfloo prqfloo vinfloo tilefloo
cemtfloo othfloo
  woodwall natwall tabwall adobwall bbmwall stonmwall cartwall
cmtwall
  stoncwall plywdwall othwall natroof estroof bbroof cmtroof
  woodroof tileroof corrroof othroof cookelec cooklpg cookgas
cookkero
  cookcoal cookchar cookwood cookstrw cookdung cooknot cookoth
eleclt
  lpglt kerolt candlt battlt othlt
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL URB)
  /METHOD=CORRELATION .

**HV243D nowall latoth cookcrop SH80 cartroof HV247  .
** Rural Area.
```

```
USE ALL.
COMPUTE filter_$=(hv025 = 2).
VARIABLE LABEL filter_$ 'hv025 = 2 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .

FREQUENCIES
  VARIABLES=HV244 HV245 HV246 HV246A HV246C HV246D HV246E
  HV246G HV246H HV246I HV246J
  /ORDER=  ANALYSIS .



FACTOR
  /VARIABLES HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221
HV243A HV243C
  HV243D HV244 HV245 HV244 HV245 HV246 HV246A HV246C HV246D
HV246E
  HV246G HV246H HV246I HV246J SH61A SH61B SH61C SH61D SH61E SH61J
SH61K
  SH61L SH61M SH61N SH61O SH61P SH61Q SH61R SH61S
   sh76a sh76b sh76c sh76d sh76e sh77f SH79 DOMESTIC OWNLAND
  memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell h2osprng
h2osurf h2orain
  h2otrk h2obotl h2ooth flushin flushout latvip latsep latpit1
lathang latbush
  shared sflushin sflushot slatvip slatsep slatpit1 dirtfloo
woodfloo
  prqfloo vinfloo tilefloo cemtfloo othfloo woodwall natwall
tabwall adobwall
  bbmwall stonmwall cmtwall stoncwall plywdwall nowall othwall
  natroof estroof bbroof cmtroof woodroof tileroof corrroof
othroof
  cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
cookstrw
  cookcrop cookdung cooknot cookoth eleclt lpglt kerolt candlt
battlt othlt
 /MISSING MEANSUB /ANALYSIS HV206 HV207 HV208 HV209 HV210 HV211
HV212 HV221
  HV243A HV243C HV243D HV244 HV245 HV244 HV245 HV246 HV246A
HV246C HV246D HV246E
  HV246G HV246H HV246I HV246J SH61A SH61B SH61C SH61D
  SH61E SH61J SH61K SH61L SH61M SH61N SH61O SH61P SH61Q SH61R
SH61S
   sh76a sh76b sh76c sh76d sh76e sh77f SH79
  DOMESTIC OWNLAND memsleep h2oires h2oyrdr h2opub h2opvwell
h2opbwell
  h2osprng h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout
latvip
  latsep latpit1 lathang latbush shared sflushin sflushot slatvip
```

```
  slatsep slatpit1 dirtfloo woodfloo prqfloo vinfloo tilefloo
cemtfloo othfloo
  woodwall natwall tabwall adobwall bbmwall stonmwall cmtwall
  stoncwall plywdwall nowall othwall natroof estroof bbroof
cmtroof
  woodroof tileroof corrroof othroof cookelec cooklpg cookgas
cookkero
  cookcoal cookchar cookwood cookstrw cookcrop cookdung cooknot
cookoth eleclt
  lpglt kerolt candlt battlt othlt
  /PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL RUR)
  /METHOD=CORRELATION .
*HV247 SH80 latoth cartwall.
* Calculate regressions with total score.
*    Urban areas.
USE ALL.
COMPUTE filter_$=(hv025 = 1).
VARIABLE LABEL filter_$ 'hv025 = 1 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .


REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT FAC1_1
  /METHOD=ENTER URB1  .

*    Rural areas.
USE ALL.
COMPUTE filter_$=(hv025 = 2).
VARIABLE LABEL filter_$ 'hv025 = 2 (FILTER)'.
VALUE LABELS filter_$  0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE .


REGRESSION
  /MISSING LISTWISE
  /STATISTICS COEFF OUTS R ANOVA
  /CRITERIA=PIN(.05) POUT(.10)
  /NOORIGIN
  /DEPENDENT FAC1_1
```

```
  /METHOD=ENTER RUR1  .

FILTER OFF.
USE ALL.
EXECUTE .


*** Calculate combined wealth score from Urban and Rural Scores.
compute combscor=0.
** Urban.
*(Old)if (hv025 eq 1) combscor=0.554+0.822* URB1.
if (hv025 eq 1) combscor=0.575+0.779* URB1.
** Rural.
if (hv025 eq 2) combscor=(-0.833)+0.599* RUR1.
*if (hv025 eq 2) combscor=(-0.784)+0.594* RUR1.
execute.


*Tabulation for histograms.
weight by hhwt.
filter off.
use all.
FREQUENCIES
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM  NORMAL
  /ORDER=  ANALYSIS .


* Calculate histogram intervals.

compute histnac=trunc(fac1_1/((2.5-(-2.0))/50)).
if (fac1_1 ge 0 ) histnac=histnac+1.
freq var=histnac.


*Calculate quintiles and scores for data file.

compute hhmemwt=hv012*hv005/1000000.
weight by hhmemwt.
VARIABLE LABELS hhmemwt 'HH members weighting for Index' .

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

FREQUENCIES
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM MEAN MEDIAN MODE SKEWNESS
SESKEW
```

```
  KURTOSIS SEKURT
  /ORDER=  ANALYSIS .

frequencies variables=ncombsco.

compute hhwt=hv005/1000000.
weight by hhwt.
VARIABLE LABELS hhwt 'HH weights' .

MEANS
  TABLES=HV206 HV207 HV208 HV209 HV210 HV211 HV212 HV221 HV243A
  HV243C HV243D HV247 SH61A SH61B SH61C SH61D SH61E SH61J SH61K
SH61L SH61M
  SH61N SH61O SH61P SH61Q SH61R SH61S SH71 sh76a sh76b sh76c
sh76d sh76e SH77F sh79 hv245
  DOMESTIC memsleep h2oires h2oyrdr h2opub h2opvwell h2opbwell
h2osprng
  h2osurf h2orain h2otrk h2obotl h2ooth flushin flushout latvip
latsep
  latpit1 lathang latbush latoth shared dirtfloo woodfloo prqfloo
vinfloo
  tilefloo cemtfloo othfloo woodwall natwall tabwall adobwall
bbmwall
  stonmwall cartwall cmtwall stoncwall plywdwall nowall othwall
natroof
  estroof bbroof cartroof cmtroof woodroof tileroof corrroof
othroof
  cookelec cooklpg cookgas cookkero cookcoal cookchar cookwood
  cookstrw cookcrop cookdung cooknot cookoth eleclt lpglt kerolt
candlt
  battlt othlt sflushin sflushot slatvip slatsep slatpit1
 by hv025 by ncombsco
  /CELLS MEAN COUNT STDDEV  .
compute hv271=combscor.
compute hv270=ncombsco.

save outfile=".\p11URassets.sav".

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

compute hhwt=hv005/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Peru
2011'.
FREQUENCIES
```

```
  VARIABLES=combscor  /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER=  ANALYSIS .

WRITE OUTFILE='.\p11scorUR.dat'
  TABLE
  /hhid combscor ncombsco.
EXECUTE.
```