

DATA LIST FILE='C:\HNP2A\ANGOLA AIS\AOM' RECORDS=1

/

QHCLUST	1-3
QHNUMBER	4-6
QHWEIGHT	7-14
QHTYPE	15-15
HV009	16-18
HV012	19-21
HV013	22-24
QH101	25-26
QH102	27-28
QH103	29-29
QH104A	30-30
QH104B	31-31
QH104C	32-32
QH104D	33-33
QH104E	34-34
QH104F	35-35
QH104G	36-36
QH104H	37-37
QH104I	38-38
QH105	39-40
QH106	41-42
QH107	43-44
QH108	45-46
QH109	47-48
QH110	49-49
QH111A	50-50
QH111B	51-51
QH111C	52-52
QH111D	53-53
QH111E	54-54
QH111F	55-55
QH112	56-57
QH113	58-58
QH114	59-60

VARIABLE LABELS

QHCLUST	"Cluster number"
/QHNUMBER	"Household number"
/QHWEIGHT	"Household weight (6 decimals)"
/QHTYPE	"Type of place of residence (Urban/Rural)"
/HV009	"Total persons in household"
/HV012	"Number of usual residents"
/HV013	"Number who slept in HH last night"
/QH101	"Principal fonte da agua que bebem"
/QH102	"Tipo de casa de banho"
/QH103	"Case de banho /retrete e partilhada com outro agregado familiar"
/QH104A	"Electricidade"
/QH104B	"Radio"
/QH104C	"Televisao"

/QH104D "telefone movel"
 /QH104E "telefone fixo"
 /QH104F "Geleira"
 /QH104G "Panela"
 /QH104H "Manta"
 /QH104I "Candeeiro/Velas"
 /QH105 "Principal fonte do energia preparacao dos alimentos"
 /QH106 "Principal material do pavimento"
 /QH107 "Principal material do teto"
 /QH108 "Principal material nas paredes exteriores"
 /QH109 "Divisoes utilizam para dormir"
 /QH110 "Pulvorizou as paredes contra os mosquitos"
 /QH111A "Um relógio"
 /QH111B "Uma bicicleta"
 /QH111C "Uma motocicleta, uma mota ou uma acelera"
 /QH111D "Uma carroca puxada por um animal"
 /QH111E "Uma viatura ou uma camioneta"
 /QH111F "Um barco a motor"
 /QH112 "Que lingua se fala com mais frequéncia em casa"
 /QH113 "Ha alguém que tenha um negócio nesta casa"
 /QH114 "Principal tipo de negócio"

MISSING VALUE

QH101 (99)
 /QH102 (99)
 /QH103 (9)
 /QH104A (9)
 /QH104B (9)
 /QH104C (9)
 /QH104D (9)
 /QH104E (9)
 /QH104F (9)
 /QH105 (99)
 /QH106 (99)
 /QH107 (99)
 /QH108 (99)
 /QH109 (99)
 /QH110 (9)
 /QH111A (9)
 /QH111B (9)
 /QH111C (9)
 /QH111D (9)
 /QH111E (9)
 /QH111F (9)
 /QH112 (99)
 /QH113 (9)
 /QH114 (99)

VALUE LABELS

QHTYPE
 1 "Urban"
 2 "Rural"

/QH101
11 "Canalizada na residencia"
12 "Canalizada para o quintal"
13 "Torneira publica/chafariz"
21 "Tubo de perfuracao ou furo de sondagem"
31 "Poco protegido"
32 "Poco nao protegido"
41 "Fonte protegida"
42 "Fonte nao protegida"
51 "Agua da chuva"
61 "Camiao cisterna"
71 "Carroca com pequena cisterna/barril"
81 "Agua de superficie (rio/acude barragem/
lago/lagoa/rio/canal de irrigacao)"
91 "Agua engarrafada/mineral"
96 "Outro"
/QH102
11 "Rede de esgoto"
12 "Fossa septica"
13 "Latrinas"
14 "Outro local"
15 "Nao sabe"
21 "Latrinas melhoradas ventiladas"
22 "Latrinas com cobertura"
23 "Latrinas sem cobertura /buraco aberto"
31 "Retrete para estrume"
41 "Balde"
51 "Retrete/latrinas suspensas"
61 "Nao tem retrete/natureza"
96 "Outro"
/QH103
1 "Sim"
2 "Nao"
/QH104A
1 "Sim"
2 "Nao"
/QH104B
1 "Sim"
2 "Nao"
/QH104C
1 "Sim"
2 "Nao"
/QH104D
1 "Sim"
2 "Nao"
/QH104E
1 "Sim"
2 "Nao"
/QH104F
1 "Sim"
2 "Nao"
/QH105

1 "Electricidade"
 2 "Gas propano liquidificado (gpl)"
 3 "Gas natural"
 4 "Biogas"
 5 "Querosene /parafina/petrole"
 6 "Carvao mineral, lenhite"
 7 "Carvao vegetal"
 8 "Lenha"
 9 "Palha/ramas/servas"
 10 "Residuais agricolas"
 11 "Fezes de animais"
 95 "Alimentos nao preparados no agregado"
 96 "Outro"
 /QH106
 11 "Terra /areia"
 12 "Fezes de animais"
 21 "Pranchas em madeira"
 22 "Palmas /bambu"
 31 "Parquet ou madeira"
 32 "Bandas de vinyl /asfalto"
 33 "Mosaico"
 34 "Cimento"
 35 "Tapete"
 96 "Outro"
 /QH107
 11 "Sem teto"
 12 "Capim/palha/palma/folhas"
 13 "Torrao de ervas"
 21 "Esteira"
 22 "Palmeira/bambu"
 23 "Pranchas em madeira"
 24 "Cartao"
 31 "Chapa"
 32 "Madeira"
 33 "Chapas de zinco /lusalite"
 34 "Telha"
 35 "Cimento"
 36 "Pranchas /placas de madeira"
 96 "Outro"
 /QH108
 11 "Sem paredes"
 12 "Bambu/cana/palma/tronco"
 13 "Terra"
 21 "Bambu com barro"
 22 "Pedra com barro"
 23 "Adobe nao coberto"
 24 "Contra-placado"
 25 "Cartao"
 26 "Madeira reciclada"
 31 "Cimento"
 32 "Pedra com calcimento"
 33 "Tijolo"

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34 "Blocos de cimento"
35 "Adobe coberto"
36 "Prancha de madeira"
96 "Outro"
/QH110
1 "Sim"
2 "Não"
8 "Não sabe"
/QH111A
1 "Sim"
2 "Não"
/QH111B
1 "Sim"
2 "Não"
/QH111C
1 "Sim"
2 "Não"
/QH111D
1 "Sim"
2 "Não"
/QH111E
1 "Sim"
2 "Não"
/QH111F
1 "Sim"
2 "Não"
/QH112
1 "Portuges"
2 "Inglés"
3 "Kimbundu"
4 "Umbundu"
5 "Kikongo"
6 "Kioko"
7 "Nganguela"
8 "Kuanhama"
96 "Outro"
/QH113
1 "Sim"
2 "Não"
/QH114
1 "Loja"
2 "Bar"
3 "Banca"
4 "Barraca/take away"
5 "Serviços/oficinas: Cabeleiro, telefone /Cell reparação de
automoviles"
6 "Venda de bebida tradicional"
7 "Venda Informal produtos alimenticios"
96 "Outros"
.
EXECUTE.
*{Construct Variables}.

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*{Members per sleeping room}.
if (hv012=0) hv012=hv013.
if (qh109>0) memsleep=trunc(hv012/qh109).
if (qh109=0) memsleep=hv012.
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 h2oyrd=0.
if (qh101=12) h2oyrd=1.
var labels h2oyrd "Piped into yard/plot".
compute h2opub=0.
if (qh101=13) h2opub=1.
var labels h2opub "Public tap / standpipe".
compute h2obwell=0.
if (qh101=21) h2obwell=1.
var labels h2obwell "Tube well or borehole".
compute h2ipwell=0.
if (qh101=31) h2ipwell=1.
var labels h2ipwell "Protected dug well".
compute h2iowell=0.
if (qh101=32) h2iowell=1.
var labels h2iowell "Unprotected dug well".
compute h2opspg=0.
if (qh101=41) h2opspg=1.
var labels h2opspg "Protected Spring".
compute h2ouspg=0.
if (qh101=42) h2ouspg=1.
var labels h2ouspg "Unprotected Spring".
compute h2orain=0.
if (qh101=51) h2orain=1.
var labels h2orain "Water from rain".
compute h2otruck=0.
if (qh101=61) h2otruck=1.
var labels h2otruck "Water from tanker truck".
compute h2ovend=1.
if (qh101=71) h2ovend=1.
var labels h2ovend "Water from vendor with small tank".
compute h2osurf=0.
if (qh101=81) h2osurf=1.
var labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2obot=0.
if (qh101=91) h2obot=1.
var labels h2obot "Water from bottle".
compute h2ooth=0.

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if (qh101=96) h2ooth=1.
var labels h2ooth "Other water source".

*{Toilet facility}.
compute flushs=0.
if (qh102=11) flushs=1.
var labels flushs "Flush toilet to sewer".
compute flusht=0.
if (qh102=12) flusht=1.
var labels flusht "Flush toilet to septic tank".
compute flushp=0.
if (qh102=13) flushp=1.
var labels flushp "Flush toilet to pit latrine".
compute flushe=0.
if (qh102=14 or qh102=15) flushe=1.
var labels flushe "Flush toilet to elsewhere".
compute latpit=0.
if (qh102=23) latpit=1.
var labels latpit "Traditional pit latrine".
compute latpits=0.
if (qh102=22) latpits=1.
var labels latpits "Pit latrine with slab".
compute latvip=0.
if (qh102=21) latvip=1.
var labels latvip "VIP latrine".
compute latcomp=0.
if (qh102=31) latcomp=1.
var labels latcomp 'Toilete de adubo'.
compute latpail=0.
if (qh102=41) latpail=1.
var labels latpail 'Bucket latrine'.
compute lathang=0.
if (qh102=51) lathang=1.
var labels lathang 'Hanging latrine'.
compute latbush=0.
if (qh102=61) latbush=1.
var labels latbush "No facility/bush/field".
compute latoth=0.
if (qh102=96) latoth=1.
var labels latoth 'Other type of latrine/toilet'.

*** not used.
* compute latshare=0.
* if (qh103=1) latshare=1.
* var labels latshare 'Shares latrine/toilet with other
households'.

*{Flooring}.
compute dirtfloo=0.
if (qh106=11 or qh106=12) dirtfloo=1.
var labels dirtfloo "Earth, sand, dung floor".

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compute woodfloo=0.
if (qh106=21 or qh106=22) woodfloo=1.
var labels woodfloo "Rudimentary wood plank, palm, bamboo floor".
compute cemtfloo=0.
if (qh106=34) cemtfloo=1.
var labels cemtfloo "Cement floor".
compute vinlfloo=0.
if (qh106=32) vinlfloo=1.
var labels vinlfloo "Vinyl, asphalt strip floor".
compute tilefloo=0.
if (qh106=33) tilefloo=1.
var labels tilefloo "Ceramic tile floor".
compute rugfloo=0.
if (qh106=35) rugfloo=1.
var labels rugfloo "Carpeted floor".
compute prqfloo=0.
if (qh106=31) prqfloo=1.
var labels prqfloo "Polished wood floor".
compute othfloo=0.
if (qh106=96) othfloo=1.
var labels othfloo "Other type of flooring".

*{Walls}.
compute nowall=0.
if (qh108=11) nowall=1.
var labels nowall "No walls".
compute natwall=0.
if (qh108=12 or qh108=13 or qh108=17) natwall=1.
var labels natwall "Cane/palm/trunks/dirt walls".
compute cardwall=0.
if (qh108=14) cardwall=1.
var labels cardwall "Cardboard/plastic sheeting walls".
compute mudwall=0.
if (qh108=21) mudwall=1.
var labels mudwall "Bamboo with mud walls".
compute adobwall=0.
if (qh108=23) adobwall=1.
var labels adobwall "Uncovered adobe walls".
compute plywall=0.
if (qh108=24) plywall=1.
var labels plywall "Plywood walls".
compute rwoodwall=0.
if (qh108=25 or qh108=26) rwoodwall=1.
var labels rwoodwall "Carton or Reused wood walls".
compute cmtwall=0.
if (qh108=31 or qh108=32) cmtwall=1.
var labels cmtwall "Cement or rock walls".
compute brkwall=0.
if (qh108=33 or qh108=34) brkwall=1.
var labels brkwall "Baked brick or cement block walls".
compute woodwall=0.
if (qh108=36) woodwall=1.

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var labels woodwall "Wood planks, shingles walls".
compute othwall=0.
if (qh108=96) othwall=1.
var labels othwall "Other type of walls".

*{Roofing}.
compute noroof=0.
if (qh107=11) noroof=1.
var labels noroof "No roof".
compute natroof=0.
if (qh107=12 or qh107=13) natroof=1.
var labels natroof "Thatch/palm/sod roof".

compute matroof=0.
if (qh107=21) matroof=1.
var labels matroof "Rustic mat / plastic roof".
compute bambroof=0.
if (qh107=22) bambroof=1.
var labels bambroof "Palm / bamboo roof".
compute wproof=0.
if (qh107=23 or qh107=24) wproof=1.
var labels wproof "Cardboard, Wood planks, plywood roof".
compute canvroof=0.
if (qh107=34) canvroof=1.
var labels canvroof "Canvas, plastic sheeting".
compute metroof=0.
if (qh107=33) metroof=1.
var labels metroof "Iron sheet roof".
compute asbroof=0.
if (qh107=31) asbroof=1.
var labels asbroof "Calamine / cement fiber roof".
compute tileroof=0.
if (qh107=33) tileroof=1.
var labels tileroof "Ceramic tile roof".
compute cmtroof=0.
if (qh107=35) cmtroof=1.
var labels cmtroof "Concrete roof".
compute othroof=0.
if (qh107=96) othroof=1.
var labels othroof "Other type of roof".

*{Cooking Fuel}.
compute cookelec=0.
if (qh105=1) cookelec=1.
var labels cookelec "Electricity for cooking".
compute cookgas=0.
if (qh105=2 or qh105=3 or qh105=4) cookgas=1.
var labels cookgas "LPG/natural gas for cooking".
compute cookkero=0.
if (qh105=5) cookkero=1.
var labels cookkero "Kerosene for cooking".
compute cookchar=0.

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if (qh105=7) cookchar=1.
var labels cookchar "Charcoal for cooking".
compute cookwood=0.
if (qh105=8) cookwood=1.
var labels cookwood "Wood for cooking".
compute cookstraw=0.
if (qh105=9 or qh105=10) cookstraw=1.
var labels cookstraw "Straw, crop residuals for cooking".

compute cookdung=0.
if (qh105=11) cookdung=1.
var labels cookdung "Dung for cooking".
compute cooknone=0.
if (qh105=95) cooknone=1.
var labels cooknone 'Does not cook'.
compute cookoth=0.
if (qh105=96 or qh105=6) cookoth=1.
var labels cookoth "Other fuel for cooking".

*{Reset missing values to "does not have", change 2 code to 0}.

if (qh104a<>1) qh104a=0.
if (qh104b<>1) qh104b=0.
if (qh104c<>1) qh104c=0.
if (qh104d<>1) qh104d=0.
if (qh104e<>1) qh104e=0.
if (qh104f<>1) qh104f=0.
if (qh104g<>1) qh104g=0.
if (qh104h<>1) qh104h=0.
if (qh104i<>1) qh104i=0.

if (qh111a<>1) qh111a=0.
if (qh111b<>1) qh111b=0.
if (qh111c<>1) qh111c=0.
if (qh111d<>1) qh111d=0.
if (qh111e<>1) qh111e=0.
if (qh111f<>1) qh111f=0.

*{Lighting fuel}.
*compute eleclgt=0.
*if (qh106=1) eleclgt=1.
*var labels eleclgt "Electricity for lighting".
*compute sunlgt=0.
*if (qh106=2) sunlgt=1.
*var labels sunlgt "Solar electricity for lighting".
*compute gaslgt=0.
*if (qh106=3) gaslgt=1.
*var labels gaslgt "Gas for lighting".
*compute hurrlgt=0.
*if (qh106=4) hurrlgt=1.
*var labels hurrlgt "Pariffin-hurricane lamp".

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*compute preslgt=0.
*if (qh106=5) preslgt=1.
*var labels preslgt "Pariffin-pressure lamp".
*compute wicklgt=0.
*if (qh106=6) wicklgt=1.
*var labels wicklgt "Wick lamp for lighting".
*compute candlgt=0.
*if (qh106=8) candlgt=1.
*var labels candlgt "Candles for lighting".
*compute woodlgt=0.
*if (qh106=7) woodlgt=1.
*var labels woodlgt "Firewood for lighting".
*compute othlgt=0.
*if (qh106=96) othlgt=1.
*var labels othlgt "Other type of lighting".

*{Solid waste/garbage collection}.

execute.

FREQUENCIES VARIABLES=qHTYPE HV009 HV012 HV013 QH101 QH102 QH111A
QH111B QH111C QH111D QH111E
      QH111F QH104A QH104B QH104C QH104D QH104E QH104F QH104G
QH104h QH104i QH105 QH106 QH107 QH108 QH109
      /ORDER=ANALYSIS.

FREQUENCIES VARIABLES=h2oires h2oyrd h2opub h2obwell h2ipwell
h2iowell h2opspg h2ouspg h2orain
      h2otruck h2ovend h2osurf h2obot h2ooth flushs flusht flushp
flushes latpit latpits latvip latcomp
      latpail lathang latbush latoth dirtfloo woodfloo centfloo
vinlfloo tilefloo rugfloo prqfloo
      othfloo nowall natwall cardwall mudwall adobwall plywall
rwoodwall cmtwall brkwall woodwall othwall
      noroof natroof matroof bambroof wproof canvroof metroof
asbroof tileroof cmtroof othroof cookelec
      cookgas cookkero cookchar cookwood cookstraw cookdung
cooknone cookoth
      /ORDER=ANALYSIS.

save outfile="c:\hnp2a\Angola AIS\AOAassets.sav".

* ++++++ Stopped here +++.
** Urban Areas.

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

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```
FILTER BY filter_$.
EXECUTE .
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```
WEIGHT
  OFF.
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compute urbl=0.
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if (qh104a =1) urbl = urbl+ (          0.042479755      ).
if (qh104b =1) urbl = urbl+ (          0.025433985      ).
if (qh104f =1) urbl = urbl+ (          0.094822893      ).

if (qh104c =1) urbl = urbl+ (          0.034870505      ).
if (qh111a =1) urbl = urbl+ (          0.052224766      ).
if (qh104d =1) urbl = urbl+ (          0.028670216      ).
if (qh111b =1) urbl = urbl+ (          0.096765293      ).
if (qh111c =1) urbl = urbl+ (          0.011835637      ).
if (qh111e =1) urbl = urbl+ (          0.12555087      ).
if (qh111f =1) urbl = urbl+ (         -0.015047189      ).
if (h2oires =1) urbl = urbl+ (          0.147332442      ).
if (h2oyrd =1) urbl = urbl+ (          0.056755862      ).
if (h2opub =1) urbl = urbl+ (         -0.023410854      ).
if (h2obwell =1) urbl = urbl+ (         -0.001694923      ).
if (h2ipwell =1) urbl = urbl+ (         -0.194702122      ).
if (h2iowell =1) urbl = urbl+ (         -0.296950392      ).
if (h2opspg =1) urbl = urbl+ (         -0.005865865      ).
if (h2ouspg =1) urbl = urbl+ (         -0.057270901      ).
if (h2orain =1) urbl = urbl+ (          0.02720832      ).
if (h2otruck =1) urbl = urbl+ (          0.019758441      ).
if (h2osurf =1) urbl = urbl+ (         -0.38936293      ).
if (h2obot =1) urbl = urbl+ (          0.164719133      ).
if (h2ooth =1) urbl = urbl+ (         -0.011761145      ).
if (flushs =1) urbl = urbl+ (          0.124254297      ).
if (flusht =1) urbl = urbl+ (          0.040230782      ).
if (flushp =1) urbl = urbl+ (         -0.049837455      ).
if (flushe =1) urbl = urbl+ (         -0.156461178      ).
if (latpit =1) urbl = urbl+ (         -0.138138158      ).
if (latpits =1) urbl = urbl+ (          0.003397223      ).
if (latvip =1) urbl = urbl+ (          0.157173463      ).
if (latcomp =1) urbl = urbl+ (         -0.270629409      ).
if (latpail =1) urbl = urbl+ (         -0.228483111      ).
if (latbush =1) urbl = urbl+ (         -0.424007769      ).
if (latoth =1) urbl = urbl+ (         -0.161180812      ).
if (dirtfloo =1) urbl = urbl+ (         -0.312561295      ).
if (woodfloo =1) urbl = urbl+ (          0.182645459      ).
if (cemtfloo =1) urbl = urbl+ (          0.005708605      ).
if (tilefloo =1) urbl = urbl+ (          0.148890293      ).
if (rugfloo =1) urbl = urbl+ (         -0.022661467      ).
if (othfloo =1) urbl = urbl+ (         -0.164040248      ).
if (natwall =1) urbl = urbl+ (         -0.257128071      ).
if (cardwall =1) urbl = urbl+ (         -0.07415786      ).
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if (mudwall =1) urbl = urbl+ (      -0.307507788      ).
if (adobwall =1) urbl = urbl+ (      -0.285976075      ).
if (plywall =1) urbl = urbl+ (      -0.414708049      ).
if (rwoodwall =1) urbl = urbl+ (     -0.110085186      ).
if (cmtwall =1) urbl = urbl+ (        0.047416999      ).
if (brkwall =1) urbl = urbl+ (        0.126311572      ).
if (woodwall =1) urbl = urbl+ (     -0.118089642      ).
if (othwall =1) urbl = urbl+ (     -0.168115507      ).
if (bambroof =1) urbl = urbl+ (     -0.479054813      ).
if (wproof =1) urbl = urbl+ (        0.096487563      ).
if (metroof =1) urbl = urbl+ (     -0.040453518      ).
if (asbroof =1) urbl = urbl+ (        0.176375111      ).
if (tileroof =1) urbl = urbl+ (        0.110042245      ).
if (cmtroof =1) urbl = urbl+ (        0.183593752      ).
if (othroof =1) urbl = urbl+ (     -0.232857208      ).
if (cookelec =1) urbl = urbl+ (        0.000329742      ).
if (cookgas =1) urbl = urbl+ (        0.045632767      ).
if (cookkero =1) urbl = urbl+ (     -0.178516057      ).
if (cookchar =1) urbl = urbl+ (     -0.313341254      ).
if (cookwood =1) urbl = urbl+ (     -0.568215138      ).
if (cookstraw =1) urbl = urbl+ (     -0.241176074      ).
if (cooknone =1) urbl = urbl+ (     -0.058078744      ).

if (qh104a =0) urbl = urbl+ (     -0.215141933      ).

if (qh104b =0) urbl = urbl+ (     -0.151313388      ).
if (qh104f =0) urbl = urbl+ (     -0.09534358      ).

if (qh104c =0) urbl = urbl+ (     -0.286192101      ).
if (qh111a =0) urbl = urbl+ (     -0.100636147      ).
if (qh104d =0) urbl = urbl+ (     -0.326948656      ).
if (qh111b =0) urbl = urbl+ (     -0.012124648      ).
if (qh111c =0) urbl = urbl+ (     -0.001882183      ).
if (qh111e =0) urbl = urbl+ (     -0.050885945      ).
if (qh111f =0) urbl = urbl+ (        0.000175991      ).
if (h2oires =0) urbl = urbl+ (     -0.023791847      ).
if (h2oyrd =0) urbl = urbl+ (     -0.01143      ).
if (h2opub =0) urbl = urbl+ (        0.009071829      ).
if (h2obwell =0) urbl = urbl+ (    4.39072E-05      ).
if (h2ipwell =0) urbl = urbl+ (        0.010948866      ).
if (h2iowell =0) urbl = urbl+ (        0.001909356      ).
if (h2opspg =0) urbl = urbl+ (        0.000296199      ).
if (h2ouspg =0) urbl = urbl+ (        0.000192302      ).
if (h2orain =0) urbl = urbl+ (    -4.14508E-05      ).
if (h2otruck =0) urbl = urbl+ (     -0.005522211      ).
if (h2osurf =0) urbl = urbl+ (        0.016290303      ).
if (h2obot =0) urbl = urbl+ (     -0.001313308      ).
if (h2ooth =0) urbl = urbl+ (    6.83787E-05      ).
if (flushs =0) urbl = urbl+ (     -0.027182067      ).
if (flusht =0) urbl = urbl+ (     -0.01201678      ).
if (flushp =0) urbl = urbl+ (        0.003644659      ).
if (flushe =0) urbl = urbl+ (        0.000765325      ).

```

```

if (latpit =0) urbl = urbl+ ( 0.00866434 ).
if (latpits =0) urbl = urbl+ ( -0.001955927 ).
if (latvip =0) urbl = urbl+ ( -0.003420001 ).
if (latcomp =0) urbl = urbl+ ( 0.003671814 ).
if (latpail =0) urbl = urbl+ ( 0.00076719 ).
if (latbush =0) urbl = urbl+ ( 0.017739786 ).
if (latoth =0) urbl = urbl+ ( 0.001334933 ).
if (dirtfloo =0) urbl = urbl+ ( 0.040736152 ).
if (woodfloo =0) urbl = urbl+ ( -0.000501467 ).
if (cemtfloo =0) urbl = urbl+ ( -0.009399434 ).
if (tilefloo =0) urbl = urbl+ ( -0.042431987 ).
if (rugfloo =0) urbl = urbl+ ( 0.000866089 ).
if (othfloo =0) urbl = urbl+ ( 0.000199866 ).
if (natwall =0) urbl = urbl+ ( 0.000627333 ).
if (cardwall =0) urbl = urbl+ ( 2.25678E-05 ).
if (mudwall =0) urbl = urbl+ ( 0.002356743 ).
if (adobwall =0) urbl = urbl+ ( 0.039397189 ).
if (plywall =0) urbl = urbl+ ( 0.000252486 ).
if (rwoodwall =0) urbl = urbl+ ( 0.001253277 ).
if (cmtwall =0) urbl = urbl+ ( -0.193478946 ).
if (brkwall =0) urbl = urbl+ ( -0.004250106 ).
if (woodwall =0) urbl = urbl+ ( 0.000686568 ).
if (othwall =0) urbl = urbl+ ( 0.00270232 ).
if (bamproof =0) urbl = urbl+ ( 0.004115844 ).
if (wproof =0) urbl = urbl+ ( -0.000323981 ).
if (metroof =0) urbl = urbl+ ( 0.104552712 ).
if (asbroof =0) urbl = urbl+ ( -0.000538221 ).
if (tileroof =0) urbl = urbl+ ( -0.020727408 ).
if (cmtroof =0) urbl = urbl+ ( -0.019254202 ).
if (othroof =0) urbl = urbl+ ( 0.002506151 ).
if (cookelec =0) urbl = urbl+ ( -3.85663E-06 ).
if (cookgas =0) urbl = urbl+ ( -0.291434433 ).
if (cookkero =0) urbl = urbl+ ( 0.00298171 ).
if (cookchar =0) urbl = urbl+ ( 0.030090791 ).
if (cookwood =0) urbl = urbl+ ( 0.008776879 ).
if (cookstraw =0) urbl = urbl+ ( 7.3395E-05 ).
if (cooknone =0) urbl = urbl+ ( 0.000230612 ).

compute urbl=urbl+((memsleep-2.7977)/1.71585)*(-0.02959).

```

Execute.

```

*FACTOR
/VARIABLES QH103A QH103B QH103C QH103D QH103E QH103F QH104A
QH104B QH104C QH104D QH104E QH104F
h2oires h2oyrd h2opub h2obwell h2ipwell h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf
h2obot h2ooth flushs flusht flushp flush e latpit latpits
latvip latcomp latpail latbush
latoth dirtfloo woodfloo cemtfloo tilefloo rugfloo othfloo
natwall cardwall

```

```

mudwall adobwall plywall rwoodwall cmtwall brkwall woodwall
othwall bambroof
wproof metroof asbroof tileroof cmtroof othroof cookelec
cookgas cookkero cookchar
cookwood cookstraw cooknone memsleep
/ANALYSIS QH103A QH103B QH103C QH103D QH103E QH103F QH104A
QH104B QH104C QH104D QH104E QH104F
h2oires h2oyrd h2opub h2obwell h2ipwell h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf
h2obot h2ooth flushs flusht flushp flush e latpit latpits
latvip latcomp latpail latbush
latoth dirtfloo woodfloo cemtfloo tilefloo rugfloo othfloo
natwall cardwall
mudwall adobwall plywall rwoodwall cmtwall brkwall woodwall
othwall bambroof
wproof metroof asbroof tileroof cmtroof othroof cookelec
cookgas cookkero cookchar
cookwood cookstraw cooknone memsleep
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL URB)
/METHOD=CORRELATION.

```

** Rural Area.

```

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

```

```

compute rur1=0.
if (qh104a =1) rur1 = rur1+ (          0.279188293          ).
if (qh104b =1) rur1 = rur1+ (          0.082065292          ).
if (qh104f =1) rur1 = rur1+ (          0.447933037          ).

if (qh104c =1) rur1 = rur1+ (          0.275221764          ).
if (qh111a =1) rur1 = rur1+ (          0.073834523          ).
if (qh104d =1) rur1 = rur1+ (          0.171718081          ).
if (qh111b =1) rur1 = rur1+ (          0.007268236          ).
if (qh111c =1) rur1 = rur1+ (          0.127591031          ).
if (qh111e =1) rur1 = rur1+ (          0.374356143          ).
if (qh111f =1) rur1 = rur1+ (          0.072700304          ).
if (h2oires =1) rur1 = rur1+ (          0.567902731          ).
if (h2oyrd =1) rur1 = rur1+ (          0.545030977          ).
if (h2opub =1) rur1 = rur1+ (          0.082745167          ).

```

```

if (h2obwell =1) rur1 = rur1+ (      -0.00809215      ).
if (h2ipwell =1) rur1 = rur1+ (      0.123808426      ).
if (h2iowell =1) rur1 = rur1+ (      0.056970817      ).
if (h2opspg =1) rur1 = rur1+ (      -0.018592769      ).
if (h2ouspg =1) rur1 = rur1+ (      0.039566677      ).
if (h2orain =1) rur1 = rur1+ (      0.112099365      ).
if (h2otruck =1) rur1 = rur1+ (      0.240111718      ).
if (h2osurf =1) rur1 = rur1+ (      -0.056232502      ).
if (h2obot =1) rur1 = rur1+ (      -0.088847043      ).
if (h2ooth =1) rur1 = rur1+ (      0.008616476      ).
if (flushs =1) rur1 = rur1+ (      0.3036369      ).
if (flusht =1) rur1 = rur1+ (      0.213575928      ).
if (flushp =1) rur1 = rur1+ (      0.050509106      ).
if (flushe =1) rur1 = rur1+ (      0.020758799      ).
if (latpit =1) rur1 = rur1+ (      0.082325378      ).
if (latpits =1) rur1 = rur1+ (      0.353872088      ).
if (latcomp =1) rur1 = rur1+ (      0.043883533      ).
if (latpail =1) rur1 = rur1+ (      0.015953998      ).
if (latbush =1) rur1 = rur1+ (      -0.059156005      ).
if (latoth =1) rur1 = rur1+ (      -0.025878716      ).
if (dirtfloo =1) rur1 = rur1+ (      -0.039681346      ).
if (cemtfloo =1) rur1 = rur1+ (      0.340340552      ).
if (tilefloo =1) rur1 = rur1+ (      0.46539724      ).
if (rugfloo =1) rur1 = rur1+ (      0.272954205      ).
if (prqfloo =1) rur1 = rur1+ (      -0.100715802      ).
if (othfloo =1) rur1 = rur1+ (      0.299224733      ).
if (natwall =1) rur1 = rur1+ (      -0.108413348      ).
if (mudwall =1) rur1 = rur1+ (      -0.08294455      ).
if (adobwall =1) rur1 = rur1+ (      -0.004697686      ).
if (plywall =1) rur1 = rur1+ (      -0.119838269      ).
if (rwoodwall =1) rur1 = rur1+ (      0.041444118      ).
if (cmtwall =1) rur1 = rur1+ (      0.279023588      ).
if (brkwall =1) rur1 = rur1+ (      0.276547434      ).
if (othwall =1) rur1 = rur1+ (      0.053354212      ).
if (bambroof =1) rur1 = rur1+ (      -0.091828872      ).
if (wproof =1) rur1 = rur1+ (      -0.047870161      ).
if (canvroof =1) rur1 = rur1+ (      -0.118139803      ).
if (metroof =1) rur1 = rur1+ (      0.095672484      ).
if (tileroof =1) rur1 = rur1+ (      0.404791497      ).
if (cmtroof =1) rur1 = rur1+ (      0.48608754      ).
if (othroof =1) rur1 = rur1+ (      -0.10283396      ).
if (cookelec =1) rur1 = rur1+ (      0.204212441      ).
if (cookgas =1) rur1 = rur1+ (      0.355080436      ).
if (cookkero =1) rur1 = rur1+ (      0.203829265      ).
if (cookchar =1) rur1 = rur1+ (      0.110987359      ).
if (cookwood =1) rur1 = rur1+ (      -0.062778171      ).
if (cookstraw =1) rur1 = rur1+ (      -0.039360087      ).
if (cooknone =1) rur1 = rur1+ (      0.067215288      ).

if (qh104a =0) rur1 = rur1+ (      -0.015358465      ).
if (qh104b =0) rur1 = rur1+ (      -0.065689664      ).

```



```

if (qh104f =0) rur1 = rur1+ ( -0.008380683 ).
if (qh104c =0) rur1 = rur1+ ( -0.045734784 ).
if (qh111a =0) rur1 = rur1+ ( -0.032032962 ).
if (qh104d =0) rur1 = rur1+ ( -0.061641125 ).
if (qh111b =0) rur1 = rur1+ ( -0.001174826 ).
if (qh111c =0) rur1 = rur1+ ( -0.019612653 ).
if (qh111e =0) rur1 = rur1+ ( -0.004965785 ).
if (qh111f =0) rur1 = rur1+ ( -0.000728709 ).
if (h2oires =0) rur1 = rur1+ ( -0.000720232 ).
if (h2oyrd =0) rur1 = rur1+ ( -0.001384206 ).
if (h2opub =0) rur1 = rur1+ ( -0.010313678 ).
if (h2obwell =0) rur1 = rur1+ ( 0.000416732 ).
if (h2ipwell =0) rur1 = rur1+ ( -0.016330287 ).
if (h2iowell =0) rur1 = rur1+ ( -0.003838277 ).
if (h2opspg =0) rur1 = rur1+ ( 0.000721693 ).
if (h2ouspg =0) rur1 = rur1+ ( -0.001418967 ).
if (h2orain =0) rur1 = rur1+ ( -7.10389E-05 ).
if (h2otruck =0) rur1 = rur1+ ( -0.002251207 ).
if (h2osurf =0) rur1 = rur1+ ( 0.063863694 ).
if (h2obot =0) rur1 = rur1+ ( 1.87599E-05 ).
if (h2ooth =0) rur1 = rur1+ ( -3.63948E-06 ).
if (flushs =0) rur1 = rur1+ ( -0.001416758 ).
if (flusht =0) rur1 = rur1+ ( -0.005931377 ).
if (flushe =0) rur1 = rur1+ ( -0.002343033 ).
if (flushe =0) rur1 = rur1+ ( -0.000101284 ).
if (latpit =0) rur1 = rur1+ ( -0.014155403 ).
if (latpits =0) rur1 = rur1+ ( -0.017399691 ).
if (latcomp =0) rur1 = rur1+ ( -0.001287327 ).
if (latpail =0) rur1 = rur1+ ( -6.42488E-05 ).
if (latbush =0) rur1 = rur1+ ( 0.118424474 ).
if (latoth =0) rur1 = rur1+ ( 0.000253767 ).
if (dirtfloo =0) rur1 = rur1+ ( 0.337013115 ).
if (cemtfloo =0) rur1 = rur1+ ( -0.035024569 ).
if (tilefloo =0) rur1 = rur1+ ( -0.001280729 ).
if (rugfloo =0) rur1 = rur1+ ( -0.002383118 ).
if (prqfloo =0) rur1 = rur1+ ( 2.1266E-05 ).
if (othfloo =0) rur1 = rur1+ ( -0.000126388 ).
if (natwall =0) rur1 = rur1+ ( 0.008889994 ).
if (mudwall =0) rur1 = rur1+ ( 0.026653311 ).
if (adobwall =0) rur1 = rur1+ ( 0.004816182 ).
if (plywall =0) rur1 = rur1+ ( 0.004815635 ).
if (rwoodwall =0) rur1 = rur1+ ( -7.01106E-05 ).
if (cmtwall =0) rur1 = rur1+ ( -0.025874852 ).
if (brkwall =0) rur1 = rur1+ ( -0.002890534 ).
if (othwall =0) rur1 = rur1+ ( -0.004507258 ).
if (bambroof =0) rur1 = rur1+ ( 0.037903716 ).
if (wproof =0) rur1 = rur1+ ( 4.04565E-05 ).
if (canvroof =0) rur1 = rur1+ ( 2.49451E-05 ).
if (metroof =0) rur1 = rur1+ ( -0.087661074 ).
if (tileroof =0) rur1 = rur1+ ( -0.003447234 ).
if (cmtroof =0) rur1 = rur1+ ( -0.00030804 ).

```

```

if (othroof =0) rur1 = rur1+ ( 0.028928136 ).
if (cookelec =0) rur1 = rur1+ ( -0.000172586 ).
if (cookgas =0) rur1 = rur1+ ( -0.024778648 ).
if (cookkero =0) rur1 = rur1+ ( -0.001037959 ).
if (cookchar =0) rur1 = rur1+ ( -0.026462868 ).
if (cookwood =0) rur1 = rur1+ ( 0.164924889 ).
if (cookstraw =0) rur1 = rur1+ ( 0.000385965 ).
if (cooknone =0) rur1 = rur1+ ( -0.000127948 ).

compute rur1=rur1+((memsleep-2.9772)/1.84397)*(-0.02056).

execute.

```

```

*FACTOR
/VARIABLES QH103A QH103B QH103C QH103D QH103E QH103F QH104A
QH104B QH104C QH104D QH104E QH104F
h2oires h2oyrd h2opub h2obwell h2ipwell h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf
h2obot h2ooth flushs flusht flushp flushe latpit latpits
latcomp latpail latbush
latoth dirtfloo cemtfloo tilefloo rugfloo prqfloo othfloo
natwall
mudwall adobwall plywall rwoodwall cmtwall brkwall othwall
bambrroof
wproof canvroof metroof tileroof cmtroof othroof cookelec
cookgas cookkero cookchar
cookwood cookstraw cooknone memsleep
/MISSING MEANSUB
/ANALYSIS QH103A QH103B QH103C QH103D QH103E QH103F QH104A
QH104B QH104C QH104D QH104E QH104F
h2oires h2oyrd h2opub h2obwell h2ipwell h2iowell h2opspg
h2ouspg h2orain h2otruck h2osurf
h2obot h2ooth flushs flusht flushp flushe latpit latpits
latcomp latpail latbush
latoth dirtfloo cemtfloo tilefloo rugfloo prqfloo othfloo
natwall
mudwall adobwall plywall rwoodwall cmtwall brkwall othwall
bambrroof
wproof canvroof metroof tileroof cmtroof othroof cookelec
cookgas cookkero cookchar
cookwood cookstraw cooknone memsleep
/PRINT UNIVARIATE INITIAL EXTRACTION FSCORE
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL RUR)
/METHOD=CORRELATION.

```

```

FILTER OFF.

```

```
USE ALL.  
EXECUTE .
```

```
*** Calculate combined wealth score from Urban and Rural Scores.  
compute combscor=0.  
print formats combscor (F11.5).  
** Urban.  
if (qhotype = 1) combscor=1.023+0.517* URB1.  
** Rural.  
if (qhotype = 2) combscor=(-0.710)+0.517* RUR1.  
execute.
```

```
recode combscor (lo thru -0.962724624032699 = 1) (-  
0.962724624032699 thru -0.5766482565666606 = 2)(-  
0.5766482565666606 thru 0.5434723544879818 = 3)  
                  (0.5434723544879818 thru 1.175066098879728 = 4)  
(1.175066098879728 thru hi = 5) into ncombscor.  
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.
```

```
frequencies variables=ncombscor.
```

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

```
MEANS TABLES=QH111A QH111B QH111C QH111D QH111E  
          QH111F QH104A QH104B QH104C QH104D QH104E QH104F QH104g  
QH104h QH104i QH105 QH106 QH107 QH108 QH109  
  h2oires h2oyrd h2opub h2obwell h2ipwell h2iowell h2opspg  
h2ouspg h2orain  
  h2otruck h2ovend h2osurf h2obot h2ooth flushs flusht flushp  
flushes latpit latpits latvip latcomp  
  latpail lathang latbush latoth dirtfloo woodfloo centfloo  
vinlfloo tilefloo rugfloo prqfloo  
  othfloo nowall natwall cardwall mudwall adobwall plywall
```

```

rwoodwall cmtwall brkwall woodwall othwall
  noroof natroof matroof bambroof wproof canvroof metroof
asbroof tileroof cmtrroof othroof cookelec
  cookgas cookkero cookchar cookwood cookstraw cookdung
cooknone cookoth memsleep
  by Ncombscor
  /CELLS MEAN COUNT STDDEV.

compute hv271=combscor.
compute hv270=ncombsco.

save outfile="c:\hnp2a\Angola AIS\AOAassets.sav".

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

compute hhwt=qhweight/1000000.
weight by hhwt.

GRAPH
  /HISTOGRAM(NORMAL)=combscor
  /TITLE= 'Distribution of Households by Wealth Scores Angola MIS
2010'.
FREQUENCIES
  VARIABLES=combscor /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MINIMUM MAXIMUM SEMEAN MEAN MEDIAN MODE
SKEWNESS SESKEW
  KURTOSIS SEKURT
  /ORDER= ANALYSIS .

write formats combscor (f11.5).

WRITE OUTFILE='c:\hnp2a\Angola AIS\AOAscores.dat'
  TABLE
  /qhclust qhnumber combscor ncombscor.
EXECUTE.

save outfile="c:\hnp2a\Angola AIS\AOAassets.sav".

```