

DATA LIST FILE='C:\PK61\WEALTHINDEX\PKWEALTH.DAT' RECORDS=1

/

| | | |
|----------|-------|-----|
| QHCLUST | 1-3 | |
| QHNUMBER | 4-5 | |
| QHWEIGHT | 6-13 | |
| QHTYPE | 14-14 | |
| HHMEMB | 15-17 | |
| HHUSUAL | 18-20 | |
| HHSLEPT | 21-23 | |
| QH26 | 24-24 | |
| QH33A | 25-26 | |
| QH101 | 27-27 | |
| QH102 | 28-29 | |
| QH103 | 30-30 | |
| QH104 | 31-33 | |
| QH105 | 34-34 | |
| QH106 | 35-41 | (A) |
| QH107 | 42-43 | |
| QH108 | 44-44 | |
| QH109 | 45-46 | |
| QH110A | 47-47 | |
| QH110B | 48-48 | |
| QH110C | 49-49 | |
| QH110D | 50-50 | |
| QH110E | 51-51 | |
| QH110F | 52-52 | |
| QH110G | 53-53 | |
| QH110H | 54-54 | |
| QH110I | 55-55 | |
| QH110J | 56-56 | |
| QH110K | 57-57 | |
| QH110L | 58-58 | |
| QH110M | 59-59 | |
| QH110N | 60-60 | |
| QH110O | 61-61 | |
| QH110P | 62-62 | |
| QH110Q | 63-63 | |
| QH110R | 64-64 | |
| QH111 | 65-66 | |
| QH112 | 67-67 | |
| QH113 | 68-68 | |
| QH114 | 69-70 | |
| QH115 | 71-72 | |
| QH116 | 73-74 | |
| QH117 | 75-76 | |
| QH118A | 77-77 | |
| QH118B | 78-78 | |
| QH118C | 79-79 | |
| QH118D | 80-80 | |
| QH118E | 81-81 | |
| QH118F | 82-82 | |
| QH118G | 83-83 | |

| | | |
|----------|---------|-----|
| QH118H | 84-84 | |
| QH118I | 85-85 | |
| QH119 | 86-86 | |
| QH120U | 87-87 | |
| QH120N | 88-91 | (1) |
| QH121 | 92-92 | |
| QH122A | 93-94 | |
| QH122B | 95-96 | |
| QH122C | 97-98 | |
| QH122D | 99-100 | |
| QH122E | 101-102 | |
| QH122F | 103-104 | |
| QH122G | 105-106 | |
| QH123 | 107-107 | |
| QH124 | 108-108 | |
| QH125 | 109-112 | (A) |
| QH126 | 113-113 | |
| QH127 | 114-114 | |
| QH128 | 115-115 | |
| QH129 | 116-116 | |
| QH130 | 117-118 | |
| QH131 | 119-119 | |
| QH132 | 120-120 | |
| QH133 | 121-126 | (A) |
| QH134 | 127-127 | |
| QH135 | 128-128 | |
| QH136 | 129-131 | (A) |
| DOMESTIC | 132-132 | |
| HOUSE | 133-133 | |
| LAND | 134-134 | |

VARIABLE LABELS

| | |
|-----------|--|
| QHCLUST | "Cluster number" |
| /QHNUMBER | "Household number" |
| /QHWEIGHT | "Household weight (6 decimals)" |
| /QHATYPE | "Type of place of residence" |
| /HHMEMB | "Total persons in household" |
| /HHUSUAL | "Number of usual residents" |
| /HHSLEPT | "Number who slept in HH last night" |
| /QH26 | "Any members of HH who lived here in the past 10 years but who have since moved away" |
| /QH33A | "Total number of migrants" |
| /QH101 | "Frequency of smoking inside house" |
| /QH102 | "Source of drinking water" |
| /QH103 | "Location of source for water" |
| /QH104 | "Time to water and back (mins)" |
| /QH105 | "Do anything to water to make safe to drink" |
| /QH106 | "What do you usually do to make water safe to drink" |
| /QH107 | "Type of toilet facility" |
| /QH108 | "Share facilities with other households" |
| /QH109 | "Number of households sharing toilet" |
| /QH110A | "Electricity" |

/QH110B "Radio"
 /QH110C "Television"
 /QH110D "Telephone (non-mobile)"
 /QH110E "Refrigerator"
 /QH110F "Almirah/Cabinet"
 /QH110G "Chair"
 /QH110H "Room cooler"
 /QH110I "Airconditioner"
 /QH110J "Washing machine"
 /QH110K "Water pump"
 /QH110L "Bed"
 /QH110M "Clock"
 /QH110N "Sofa"
 /QH110O "Camera"
 /QH110P "Sewing machine"
 /QH110Q "Computer"
 /QH110R "Internet connection"
 /QH111 "Type of cooking fuel"
 /QH112 "Food cooked in the house / in separate building /
 outdoors"
 /QH113 "Household has separate room used as kitchen"
 /QH114 "Main material of floor"
 /QH115 "Main roof material"
 /QH116 "Main wall material"
 /QH117 "Number of rooms used for sleeping"
 /QH118A "Watch"
 /QH118B "Mobile telephone"
 /QH118C "Bicycle"
 /QH118D "Motorcycle or Scooter"
 /QH118E "Animal-drawn cart"
 /QH118F "Car or Truck"
 /QH118G "A Tractor"
 /QH118H "Boat with a motor"
 /QH118I "Boat without a motor"
 /QH119 "Own land usable for agriculture"
 /QH120U "Area for agricultural land: Unit"
 /QH120N "Area for agricultural land: Number"
 /QH121 "Livestock, herds or farm animals"
 /QH122A "Cows / bulls"
 /QH122B "Horses / donkeys / mules"
 /QH122C "Goats"
 /QH122D "Sheep"
 /QH122E "Chickens"
 /QH122F "Buffalo"
 /QH122G "Camels"
 /QH123 "Bank account"
 /QH124 "Interior walls sprayed against insecticide in past 12
 months"
 /QH125 "Dwelling sprayed by government, private company or
 NGO"
 /QH126 "Mosquito nets used while sleeping"
 /QH127 "Number of mosquito nets"

/QH128 "Number of mosquito nets are insecticide treated"
 /QH129 "Usually soak the mosquito nets in a liquid"
 /QH130 "Number of months mosquito net are soaked or dipped"
 /QH131 "Use of insecticide treated nets reduce the incidence
 of malaria"
 /QH132 "Household avoid mosquitos"
 /QH133 "Ways to avoid mosquitos from the HH"
 /QH134 "Place for handwashing observed"
 /QH135 "Presence of water observed"
 /QH136 "Presence of soap, detergent or other cleansing agent
 observed"
 /DOMESTIC "Domestic servant in household"
 /HOUSE "Owns a dwelling"
 /LAND "Owns agricultural land"

MISSING VALUE

QH26 (9)
 /QH33A (99)
 /QH101 (9)
 /QH102 (99)
 /QH103 (9)
 /QH104 (999)
 /QH105 (9)
 /QH107 (99)
 /QH108 (9)
 /QH109 (99)
 /QH110A (9)
 /QH110B (9)
 /QH110C (9)
 /QH110D (9)
 /QH110E (9)
 /QH110F (9)
 /QH110G (9)
 /QH110H (9)
 /QH110I (9)
 /QH110J (9)
 /QH110K (9)
 /QH110L (9)
 /QH110M (9)
 /QH110N (9)
 /QH110O (9)
 /QH110P (9)
 /QH110Q (9)
 /QH110R (9)
 /QH111 (99)
 /QH112 (9)
 /QH113 (9)
 /QH114 (99)
 /QH115 (99)
 /QH116 (99)
 /QH117 (99)
 /QH118A (9)

/QH118B (9)
 /QH118C (9)
 /QH118D (9)
 /QH118E (9)
 /QH118F (9)
 /QH118G (9)
 /QH118H (9)
 /QH118I (9)
 /QH119 (9)
 /QH120N (100)
 /QH121 (9)
 /QH122A (99)
 /QH122B (99)
 /QH122C (99)
 /QH122D (99)
 /QH122E (99)
 /QH122F (99)
 /QH122G (99)
 /QH123 (9)
 /QH124 (9)
 /QH126 (9)
 /QH127 (9)
 /QH128 (9)
 /QH129 (9)
 /QH130 (99)
 /QH131 (9)
 /QH132 (9)
 /QH134 (9)
 /QH135 (9)

VALUE LABELS

QHTYPE
 1 "Urban"
 2 "Rural"
 /QH26
 1 "Yes"
 2 "No"
 8 "Don't know"
 /QH101
 1 "Daily"
 2 "Weekly"
 3 "Monthly"
 4 "Less than monthly"
 5 "Never"
 /QH102
 11 "Piped - into dwelling"
 12 "Piped - into yard/plot"
 13 "Piped - public tap / standpipe"
 21 "Tube well or borehole"
 22 "Hand pump"
 31 "Dug well - protected"
 32 "Dug well - unprotected"

41 "Spring - protected"
 42 "Spring - unprotected"
 51 "Rainwater"
 61 "Tanker truck"
 62 "Filtration plant"
 71 "Cart with small tank"
 81 "Surface water
 (river/dam/lake/pond/stream/canal/irrigation channel"
 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 "Yes"
 2 "No"
 8 "Don't know"
 /QH106
 'A ' "Boil"
 'B ' "Add bleach/chlorine"
 'C ' "Strain through a cloth"
 'D ' "Use water filter (ceramic/sand/composite/etc.)"
 'E ' "Solar disinfection"
 'F ' "Let it stand and settle"
 'X ' "Other"
 'Z ' "Don't know"
 /QH107
 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"
 41 "Bucket toilet"
 51 "Hanging toilet / hanging latrine"
 61 "No facility/bush/field"
 96 "Other"
 /QH108
 1 "Yes"
 2 "No"
 /QH109
 95 "10 or more households"
 98 "Don't know"
 /QH110A
 1 "Yes"
 2 "No"

/QH110B
1 "Yes"
2 "No"
/QH110C
1 "Yes"
2 "No"
/QH110D
1 "Yes"
2 "No"
/QH110E
1 "Yes"
2 "No"
/QH110F
1 "Yes"
2 "No"
/QH110G
1 "Yes"
2 "No"
/QH110H
1 "Yes"
2 "No"
/QH110I
1 "Yes"
2 "No"
/QH110J
1 "Yes"
2 "No"
/QH110K
1 "Yes"
2 "No"
/QH110L
1 "Yes"
2 "No"
/QH110M
1 "Yes"
2 "No"
/QH110N
1 "Yes"
2 "No"
/QH110O
1 "Yes"
2 "No"
/QH110P
1 "Yes"
2 "No"
/QH110Q
1 "Yes"
2 "No"
/QH110R
1 "Yes"
2 "No"
/QH111

1 "Electricity"
 2 "LPG"
 3 "Natural gas"
 4 "Biogas"
 5 "Kerosene"
 6 "Coal, lignite"
 7 "Charcoal"
 8 "Wood"
 9 "Straw / shrubs / grass"
 10 "Animal dung"
 95 "No food cooked in HH"
 96 "Other"
 /QH112
 1 "In the house"
 2 "In a separate building"
 3 "Outdoors"
 6 "Other"
 /QH113
 1 "Yes"
 2 "No"
 /QH114
 11 "Earth, sand"
 12 "Dung"
 21 "Wood planks"
 22 "Palm, bamboo"
 31 "Parquet, polished wood"
 32 "Vinyl, asphalt strips"
 33 "Ceramic tiles"
 34 "Cement"
 35 "Carpet"
 36 "Chips/Terrazzo"
 37 "Bricks"
 38 "Mats"
 39 "Marble"
 96 "Other"
 /QH115
 11 "No roof"
 12 "Thatch / palm leaf"
 13 "Sod/grass"
 21 "Rustic mat"
 22 "Palm / bamboo"
 23 "Wood planks"
 24 "Cardboard"
 31 "Iron sheets/asbestos"
 32 "Reinforced brick cement/RCC"
 33 "Metal"
 34 "Wood/ T Iron/Mud"
 35 "Calamine / cement fiber"
 36 "Ceramic tiles"
 37 "Cement/RCC"
 38 "Roofing shingles"
 96 "Other"

/QH116
11 "No walls"
12 "Cane / palm / trunks"
13 "Dirt"
14 "Mud/stones"
15 "Bamboo/Sticks/mud"
21 "Unbaked bricks/mud"
22 "Carton/plastic"
23 "Bamboo with mud"
24 "Stone with mud"
25 "Uncovered adobe"
26 "Plywood"
27 "Cardboard"
28 "Reused wood"
31 "Baked bricks"
32 "Tent"
33 "Cement"
34 "Stone with lime / cement"
35 "Bricks"
36 "Cement blocks"
37 "Covered adobe"
38 "Wood planks / shingles"
96 "Other"
/QH118A
1 "Yes"
2 "No"
/QH118B
1 "Yes"
2 "No"
/QH118C
1 "Yes"
2 "No"
/QH118D
1 "Yes"
2 "No"
/QH118E
1 "Yes"
2 "No"
/QH118F
1 "Yes"
2 "No"
/QH118G
1 "Yes"
2 "No"
/QH118H
1 "Yes"
2 "No"
/QH118I
1 "Yes"
2 "No"
/QH119
1 "Yes"

2 "No"
 /QH120U
 1 "Acre"
 2 "Kanal"
 9 "Other answers"
 /QH120N
 95.0 "More than 95"
 99.8 "Don't know"
 /QH121
 1 "Yes"
 2 "No"
 /QH122A
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122B
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122C
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122D
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122E
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122F
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH122G
 0 "None"
 95 "95 or more"
 98 "Unknown"
 /QH123
 1 "Yes"
 2 "No"
 /QH124
 1 "Yes"
 2 "No"
 8 "Don't know"
 /QH125
 'A ' "Government worker / program"
 'B ' "Private company"
 'C ' "Nongovernmental organization (NGO)"
 'X ' "Other"
 'Z ' "Don't know"

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/QH126
  1 "Yes"
  2 "No"
/QH127
  7 "7+"
/QH128
  0 "None"
  8 "Don't know"
/QH129
  1 "Yes"
  2 "No"
  8 "Don't know"
/QH130
  0 "Less than a month"
  95 "25 or more"
  98 "Don't know"
/QH131
  1 "Yes"
  2 "No"
  8 "Not sure"
/QH132
  1 "Yes"
  2 "No"
  8 "Don't know"
/QH133
'A      ' "Coil"
'B      ' "Mats"
'C      ' "Spray"
'D      ' "Electric spray repellent"
'E      ' "Insect repellent"
'F      ' "Infrared electric device"
'G      ' "Smoke"
'H      ' "Membrane"
'X      ' "Others"
'?      ' "Missing"
/QH134
  1 "Observed"
  2 "Not observed, not in dwelling / yard / plot"
  3 "Not observed, no permission to see"
  4 "Not observed, other reason"
/QH135
  1 "Water is available"
  2 "Water is not available"
/QH136
'A      ' "Soap or detergent (bar, liquid, powder, paste)"
'B      ' "Ash, mud, sand"
'C      ' "None"
'?      ' "Missing"
.
EXECUTE.

*{Construct Variables}.

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```

*{Members per sleeping room}.
if (HHUSUAL=0) HHUSUAL=HHSLEPT.
if (QH117>0) memsleep=trunc(HHUSUAL/QH117).
if (QH117=0) memsleep=HHUSUAL.
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 (QH102=11) h2oires=1.
variable labels h2oires "Public Piped into dwelling".
compute h2oyrd=0.
if (QH102=12) h2oyrd=1.
variable labels h2oyrd "Public Piped into yard/plot".
compute h2ospipe=0.
if (QH102=13) h2ospipe=1.
variable labels h2ospipe "Public tap/standpipe".
compute h2owell=0.
if (QH102=21) h2owell=1.
variable labels h2owell "Tube well/borehole".
compute h2opump=0.
if (QH102=22) h2opump=1.
variable labels h2opump "Hand pump".
compute h2opwell=0.
if (QH102=31) h2opwell=1.
variable labels h2opwell "Protected well".
compute h2ouwll=0.
if (QH102=32) h2ouwll=1.
variable labels h2ouwll "Unprotected well".
compute h2opspg=0.
if (QH102=41) h2opspg=1.
variable labels h2opspg "Protected spring".
compute h2ouspg=0.
if (QH102=42) h2ouspg=1.
variable labels h2ouspg "Protected spring".
compute h2orain=0.
if (QH102=51) h2orain=1.
variable labels h2orain "Water from rain".
compute h2otruck=0.
if (QH102=61) h2otruck=1.
variable labels h2otruck "Water from tanker truck".
compute h2ofilt=0.
if (QH102=62) h2ofilt=1.
variable labels h2ofilt "Filtration plant".
compute h2ocart=0.
if (QH102=71) h2ocart=1.
variable labels h2ocart "Cart with small tank".
compute h2osurf=0.
if (QH102=81) h2osurf=1.

```

```

variable labels h2osurf "Surface water-river, lake, dam, etc.".
compute h2obot=0.
if (QH102=91) h2obot=1.
variable labels h2obot "Water from bottle".
compute h2ooth=0.
if (QH102=96) h2ooth=1.
variable labels h2ooth "Other water source".
formats h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth (f1.0).

*{Toilet facility}.
compute flushs=0.
if (QH107=11) flushs=1.
variable labels flushs "Flush toilet to sewer".
compute flusht=0.
if (QH107=12) flusht=1.
variable labels flusht "Flush toilet to septic tank".
compute flushp=0.
if (QH107=13) flushp=1.
variable labels flushp "Flush to pit latrine".
compute flushe=0.
if (QH107=14) flushe=1.
variable labels flushe "Flush somewhere else".
compute flushd=0.
if (QH107=15) flushd=1.
variable labels flushd "Flush don't know where".
compute latvip=0.
if (QH107=21) latvip=1.
variable labels latvip "Ventilated improved pit latrine".
compute latslab=0.
if (QH107=22) latslab=1.
variable labels latslab "Pit latrine with slab".
compute latpit=0.
if (QH107=23) latpit=1.
variable labels latpit "Pit latrine open pit".
compute latbuck=0.
if (QH107=41) latbuck=1.
variable labels latbuck "Bucket toilet".
compute lathang=0.
if (QH107=51) lathang=1.
variable labels lathang "Hanging toilet/latrine".
compute latbush=0.
if (QH107=61) latbush=1.
variable labels latbush "No facility/bush/field".
compute latoth=0.
if (QH107=96) latoth=1.
variable labels latoth "Other type of latrine/toilet".
formats flushs flusht flushp flushe flushd latvip latslab latpit
latbuck lathang latbush latoth (f1.0).

compute latshare=0.

```

```

if (QH108=1) latshare=1.
variable labels latshare "Shares latrine/toilet with other
households".
formats latshare (f1.0).

compute sflushs=0.
variable labels sflushs "Shared Flush toilet to sewer".
compute sflusht=0.
variable labels sflusht "Shared Flush toilet to septic tank".
compute sflushp=0.
variable labels sflushp "Shared Flush to pit latrine".
compute sflushs=0.
variable labels sflushs "Shared Flush somewhere else".
compute sflushd=0.
variable labels sflushd "Shared Flush don't know where".
compute slatvip=0.
variable labels slatvip "Shared Ventilated improved pit latrine".
compute slatlab=0.
variable labels slatlab "Shared Pit latrine with slab".
compute slatpit=0.
variable labels slatpit "Shared Pit latrine open pit".
compute slatbuck=0.
variable labels slatbuck "Shared Bucket toilet".
compute slathang=0.
variable labels slathang "Shared Hanging toilet/latrine".
compute slatoth=0.
variable labels slatoth "Shared Other type of latrine/toilet".

do if (latshare=1).
  if (QH107=11) sflushs=1.
  if (QH107=12) sflusht=1.
  if (QH107=13) sflushp=1.
  if (QH107=14) sflushs=1.
  if (QH107=15) sflushd=1.
  if (QH107=21) slatvip=1.
  if (QH107=22) slatlab=1.
  if (QH107=23) slatpit=1.
  if (QH107=41) slatbuck=1.
  if (QH107=51) slathang=1.
  if (QH107=96) slatoth=1.
end if.
formats sflushs sflusht sflushp sflushs sflushd slatvip slatlab
slatpit slatbuck slathang slatoth (f1.0).

*{Flooring}.
compute dirtfloo=0.
if (QH114=11) dirtfloo=1.
variable labels dirtfloo "Earth, sand, floor".
compute dungfloo=0.
if (QH114=12) dungfloo=1.
variable labels dungfloo "dung floor".

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```

compute woodfloo=0.
if (QH114=21) woodfloo=1.
variable labels woodfloo "wood plank floor".
compute palmfloo=0.
if (QH114=22) palmfloo=1.
variable labels palmfloo "Palm/bamboo floor".
compute prqfloo=0.
if (QH114=31) prqfloo=1.
variable labels prqfloo "Polished wood floor".
compute vinyfloo=0.
if (QH114=32) vinyfloo=1.
variable labels vinyfloo "Vinyl/asphalt floor".
compute tilefloo=0.
if (QH114=33) tilefloo=1.
variable labels tilefloo "Ceramic tile floor".
compute cemtfloo=0.
if (QH114=34) cemtfloo=1.
variable labels cemtfloo "Cement floor".
compute carpfloo=0.
if (QH114=35) carpfloo=1.
variable labels carpfloo "Carpet floor".
compute terrfloo=0.
if (QH114=36) terrfloo=1.
variable labels terrfloo "Chips/terrazo floor".
compute brikfloo=0.
if (QH114=37) brikfloo=1.
variable labels brikfloo "Bricks floor".
compute matsfloo=0.
if (QH114=38) matsfloo=1.
variable labels matsfloo "Mats floor".
compute marbfloo=0.
if (QH114=39) marbfloo=1.
variable labels marbfloo "Marble floor".
compute othfloo=0.
if (QH114=96) othfloo=1.
variable labels othfloo "Other type of flooring".
formats dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo
tilefloo cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo
othfloo (f1.0).

*{Roofing}.
compute noroof=0.
if (QH115=11) noroof=1.
variable labels noroof "No roof".
compute natroof=0.
if (QH115=12) natroof=1.
variable labels natroof "Thatch, palm, sod roof".
compute sodroof=0.
if (QH115=13) sodroof=1.
variable labels sodroof "Sod/grass roof".
compute rustroof=0.
if (QH115=21) rustroof=1.

```

```

variable labels rustroof "Rustic mat roof".
compute palmroof=0.
if (QH115=22) palmroof=1.
variable labels palmroof "Palm/bamboo roof".
compute wproof=0.
if (QH115=23) wproof=1.
variable labels wproof "Wood planks roof".
compute cardroof=0.
if (QH115=24) cardroof=1.
variable labels cardroof "Cardboard roof".
compute ironroof=0.
if (QH115=31) ironroof=1.
variable labels ironroof "Iron sheet/asbestos roof".
compute brikroof=0.
if (QH115=32) brikroof=1.
variable labels brikroof "Reinforced brick/cement roof".
compute metroof=0.
if (QH115=33) metroof=1.
variable labels metroof "Metal fiber roof".
compute woodroof=0.
if (QH115=34) woodroof=1.
variable labels woodroof "Wood/T iron/mud roof".
compute calarroof=0.
if (QH115=35) calarroof=1.
variable labels calarroof "Calamine/cement fiber roof".
compute cerarroof=0.
if (QH115=36) cerarroof=1.
variable labels cerarroof "Ceramic tiles roof".
compute centroof=0.
if (QH115=37) centroof=1.
variable labels centroof "Cement/RCC roof".
compute shinroof=0.
if (QH115=38) shinroof=1.
variable labels shinroof "Shingles roof".
compute othroof=0.
if (QH115=96) othroof=1.
variable labels othroof "Other type of roof".
formats noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof centroof
shinroof othroof (f1.0).

*{Walls}.
compute nowall=0.
if (QH116=11) nowall=1.
variable labels nowall "No walls".
compute natwall=0.
if (QH116=12) natwall=1.
variable labels natwall "Cane/palm/trunks walls".
compute dirtwall=0.
if (QH116=13) dirtwall=1.
variable labels dirtwall "Dirt walls".
compute mudwall=0.

```



```

if (QH116=14) mudwall=1.
variable labels mudwall "Mud/stones walls".
compute bambwall=0.
if (QH116=15) bambwall=1.
variable labels bambwall "Bamboo walls".
compute unbkmwall=0.
if (QH116=21) unbkmwall=1.
variable labels unbkmwall "Unbaked bricks/mud walls".
compute cartwall=0.
if (QH116=22) cartwall=1.
variable labels cartwall "Carton/plastic walls".
compute bmudwall=0.
if (QH116=23) bmudwall=1.
variable labels bmudwall "Bamboo with mud walls".
compute stonwall=0.
if (QH116=24) stonwall=1.
variable labels stonwall "Stone walls with lime/cement".
compute adobwall=0.
if (QH116=25) adobwall=1.
variable labels adobwall "Uncovered adobe walls".
compute plywall=0.
if (QH116=26) plywall=1.
variable labels plywall "Plywood wall".
compute cardwall=0.
if (QH116=27) cardwall=1.
variable labels cardwall "Cardboard walls".
compute reuwall=0.
if (QH116=28) reuwall=1.
variable labels reuwall "Reused wood walls".
compute brikwall=0.
if (QH116=31) brikwall=1.
variable labels brikwall "Baked brick walls".
compute tentwall=0.
if (QH116=32) tentwall=1.
variable labels tentwall "Tent walls".
compute cemtwall=0.
if (QH116=33) cemtwall=1.
variable labels cemtwall "Cement walls".
compute stlimwall=0.
if (QH116=34) stlimwall=1.
variable labels stlimwall "Stone with lime/cement walls".
compute brik2wall=0.
if (QH116=35) brik2wall=1.
variable labels brik2wall "Briks walls".
compute cemt2wall=0.
if (QH116=36) cemt2wall=1.
variable labels cemt2wall "Cement blocks walls".
compute adob2wall=0.
if (QH116=37) adob2wall=1.
variable labels adob2wall "Covered adobe walls".
compute shinwall=0.
if (QH116=38) shinwall=1.

```

```

variable labels shinwall "Wood planks/shingle walls".
compute othwall=0.
if (QH116=96) othwall=1.
variable labels othwall "Other type of walls".
formats nowall natwall dirtwall mudwall bambwall unbkmwall
cartwall bmudwall stonwall adobwall plywwall cardwall reuwwall
brikwall tentwall centwall stlimwall brik2wall cent2wall
adob2wall shinwall othwall (f1.0).

```

```

*{Cooking Fuel}.
compute cookelec=0.
if (QH111=1) cookelec=1.
variable labels cookelec "Electricity for cooking".
compute cooklpg=0.
if (QH111=2) cooklpg=1.
variable labels cooklpg "LPG for cooking".
compute cookngas=0.
if (QH111=3) cookngas=1.
variable labels cookngas "Natural gas for cooking".
compute cookbgas=0.
if (QH111=4) cookbgas=1.
variable labels cookbgas "Biogas for cooking".
compute cookkero=0.
if (QH111=5) cookkero=1.
variable labels cookkero "Kerosene for cooking".
compute cookcoal=0.
if (QH111=6) cookcoal=1.
variable labels cookcoal "Coal lgnite for cooking".
compute cookchar=0.
if (QH111=7) cookchar=1.
variable labels cookchar "Charcoal for cooking".
compute cookwood=0.
if (QH111=8) cookwood=1.
variable labels cookwood "Wood for cooking".
compute cookstraw=0.
if (QH111=9) cookstraw=1.
variable labels cookstraw "Straw/shrubs/grass for cooking".
compute cookdung=0.
if (QH111=10) cookdung=1.
variable labels cookdung "Dung for cooking".
compute cooknone=0.
if (QH111=6) cooknone=1.
variable labels cooknone 'Does not cook'.
compute cookoth=0.
if (QH111=96) cookoth=1.
variable labels cookoth "Other fuel for cooking".
formats cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth (f1.0).

*{Reset missing values to "does not have", change 2 code to 0}.
if (missing(QH110A) | QH110A<>1) QH110A=0.

```

```

if (missing(QH110B) | QH110B<>1) QH110B=0.
if (missing(QH110C) | QH110C<>1) QH110C=0.
if (missing(QH110D) | QH110D<>1) QH110D=0.
if (missing(QH110E) | QH110E<>1) QH110E=0.
if (missing(QH110F) | QH110F<>1) QH110F=0.
if (missing(QH110G) | QH110G<>1) QH110G=0.
if (missing(QH110H) | QH110H<>1) QH110H=0.
if (missing(QH110I) | QH110I<>1) QH110I=0.
if (missing(QH110J) | QH110J<>1) QH110J=0.
if (missing(QH110K) | QH110K<>1) QH110K=0.
if (missing(QH110L) | QH110L<>1) QH110L=0.
if (missing(QH110M) | QH110M<>1) QH110M=0.
if (missing(QH110N) | QH110N<>1) QH110N=0.
if (missing(QH110O) | QH110O<>1) QH110O=0.
if (missing(QH110P) | QH110P<>1) QH110P=0.
if (missing(QH110Q) | QH110Q<>1) QH110Q=0.
if (missing(QH110R) | QH110R<>1) QH110R=0.

if (missing(QH118A) | QH118A<>1) QH118A=0.
if (missing(QH118B) | QH118B<>1) QH118B=0.
if (missing(QH118C) | QH118C<>1) QH118C=0.
if (missing(QH118D) | QH118D<>1) QH118D=0.
if (missing(QH118E) | QH118E<>1) QH118E=0.
if (missing(QH118F) | QH118F<>1) QH118F=0.
if (missing(QH118G) | QH118G<>1) QH118G=0.
if (missing(QH118H) | QH118H<>1) QH118H=0.
if (missing(QH118I) | QH118I<>1) QH118I=0.

* Land.
* Acres.
if (QH120U=1) landarea=QH120N*0.404686.
* Kanal.
if (QH120U=2) landarea=QH120N*0.404686/8.

if (QH120U=9 | QH120N=99.8 | QH120N=99.9) landarea=$sysmis.
if (QH120N=99.5) landarea=95.
if (missing(QH119) | QH119<>1) landarea=0.
frequencies landarea.

*Animals.
if (missing(QH121) | QH121 <>1) QH121=0.
if (missing(QH122A) | QH121 <>1) QH122A=0.
if (missing(QH122B) | QH121 <>1) QH122B=0.
if (missing(QH122C) | QH121 <>1) QH122C=0.
if (missing(QH122D) | QH121 <>1) QH122D=0.
if (missing(QH122E) | QH121 <>1) QH122E=0.
if (missing(QH122F) | QH121 <>1) QH122F=0.
if (missing(QH122G) | QH121 <>1) QH122G=0.

missing values QH122A to QH122G (98,99).

```

```

* Bank account.
if (missing(QH123) | QH123<>1) QH123=0.

* Compute urban and rural variables coded (1/0) for filters
later.
COMPUTE urban=(QHTYPE = 1).
COMPUTE rural=(QHTYPE = 2).
VARIABLE LABELS urban 'Urban' / rural 'Rural'.
VALUE LABELS urban 1 'Urban' / rural 1 'Rural'.
FORMATS urban rural (f1.0).

execute.

* Check on indicator variable creation.

FREQUENCIES VARIABLES=QHTYPE HHMEMB HHUSUAL HHSLEPT QH102 QH107
QH108 QH110A QH110B QH110C QH110D QH110E
      QH110F QH110G QH110H QH110I QH110J QH110K QH110L QH110M
QH110N QH110O QH110P QH110Q QH110R QH111 QH114
      QH115 QH116 QH118A QH118B QH118C QH118D QH118E QH118F QH118G
QH118H QH118I QH119 QH120U QH120N
      QH121 QH122A QH122B QH122C QH122D QH122E QH122F QH122G QH123
DOMESTIC HOUSE LAND
      /ORDER=ANALYSIS.

FREQUENCIES VARIABLES=memsleep h2oires h2oyrd h2ospipe h2owell
h2opump h2opwell h2ouwella h2opspg
      h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
      flushs flusht flushp flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
      sflushs sflusht sflushp sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
      cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
      dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
      noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
      nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
      reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
      landarea urban rural
      /ORDER=ANALYSIS.

* Turn off weights before all factor analysis.
WEIGHT OFF.

```

save outfile="c:\pk61\WealthIndex\pk12assets.sav".

*****.

*** Factor Analysis to Test Distribution of created variables.

FACTOR

```
/VARIABLES QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
           QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
           QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
           h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
           h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
           flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
           sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
           cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
           dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
           noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
           nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
           reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
landarea
```

/MISSING MEANSUB

```
/ANALYSIS QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
           QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
           QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
           h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
           h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
           flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
           sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
           cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
           dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
           noroof natroof sodroof rustroof palmroof wproof cardroof
```

```

ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
    nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
    reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
    landarea
/PRINT UNIVARIATE INITIAL EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/METHOD=CORRELATION.

*****.
*** Common Factor Analysis.

FILTER OFF.
USE ALL.
EXECUTE.

**** Redo removing area-specific variables ****.
** Agricultural animal variables excluded.
** Any others ?.

FACTOR
/VARIABLES QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
    QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
    QH118H QH118I QH123 DOMESTIC HOUSE
    h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
    h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
    flushs flusht flushp flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
    sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
    cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
    dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
    noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
    nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
    reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
/MISSING MEANSUB
/ANALYSIS QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L

```

```

QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
QH118H QH118I QH123 DOMESTIC HOUSE
h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
norooft natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calaroorf ceraroorf cemtroof
shinroof othroof
nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
b mudwall stonwall adobwall plywall cardwall
reuwall brikwall tentwall cementwall stlimwall
brik2wall cement2wall adob2wall shinwall othwall
/PRINT UNIVARIATE INITIAL EXTRACTION
/CRITERIA FACTORS(1) ITERATE(25)
/EXTRACTION PC
/ROTATION NOROTATE
/SAVE REG(ALL COM)
/METHOD=CORRELATION.

```

** Urban Area.

```

USE ALL.
FILTER BY urban.
EXECUTE.

```

```

FACTOR
/VARIABLES QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
cookelec cooklpg cookngas cookbgas cookkero cookcoal

```

```

cookchar cookwood cookstraw cookdung cooknone cookoth
  dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
  noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
  nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
  reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
  landarea
  /MISSING MEANSUB
  /ANALYSIS QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
  QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
  QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
  h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
  h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
  flushs flusht flushp flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
  sflushs sflusht sflushp sflushd slatvip slatslab
slatpit slatbuck slathang slatoh
  cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
  dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
  noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
  nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
  reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
  landarea
  /PRINT UNIVARIATE INITIAL EXTRACTION
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL URB)
  /METHOD=CORRELATION.

```

** Rural Area.

```

USE ALL.
FILTER BY rural.
EXECUTE.

```


FACTOR

/VARIABLES QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
norooft natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
reuwwall brikwall tentwall centwall stlimwall
brik2wall cemt2wall adob2wall shinwall othwall
landarea

/MISSING MEANSUB

/ANALYSIS QH110A QH110B QH110C QH110D QH110E QH110F QH110G
QH110H QH110I QH110J QH110K QH110L
QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot
h2ooth
flushs flusht flushp flushe flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
norooft natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calarroof cerarroof cemtroof
shinroof othroof
nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
reuwwall brikwall tentwall centwall stlimwall

```

brik2wall cemt2wall adob2wall shinwall othwall
  landarea
  /PRINT UNIVARIATE INITIAL EXTRACTION
  /CRITERIA FACTORS(1) ITERATE(25)
  /EXTRACTION PC
  /ROTATION NOROTATE
  /SAVE REG(ALL RUR)
  /METHOD=CORRELATION.

* Name the dataset window for the hh data for use later.
dataset name assets.

* label the created score variables.
variable labels
  com1 "Common wealth score"
  /urb1 "Urban wealth score"
  /rur1 "Rural wealth score".

* Add a variable used for linking later.
use all.
string ROWTYPE_ (A8).
compute ROWTYPE_ = 'EST'.

* Calculate regressions with total score.
** Urban area.

use all.
filter by urban.
execute.

* Declare a dataset to be written to in the regression.
dataset declare urbcorv.
regression
  /missing listwise
  /statistics coeff outs r anova
  /criteria=pin(.05) pout(.10)
  /noorigin
  /dependent com1
  /method=enter urb1
  /outfile=corv(urbcorv).
* Activate file of output from regression.
dataset activate urbcorv.
* Drop all rows of output except the coefficients.
select if (ROWTYPE_ = 'EST').
execute.
* Delete unnecessary variables before merging.
delete variables DEPVAR_ VARNAME_.
* Rename variables containing the constant and the coefficient.
rename variables CONST_=urbconst urb1=urbcoeff.

* Re-activate the main household data.
dataset activate assets.

```

```

* Rename the urban score.
rename variables urb1=urbscore.
* merge the coefficients.
match files
  /file = *
  /table = urbcorv
  /by ROWTYPE_.
execute.

** Rural area.

use all.
filter by rural.

* Declare a dataset to be written to in the regression.
dataset declare rurcorv.
regression
  /missing listwise
  /statistics coeff outs r anova
  /criteria=pin(.05) pout(.10)
  /noorigin
  /dependent com1
  /method=enter rur1
  /outfile=corv(rurcorv).
* Activate file of output from regression.
dataset activate rurcorv.
* Drop all rows of output except the coefficients.
select if (ROWTYPE_ = 'EST').
execute.
* Delete unnecessary variables before merging.
delete variables DEPVAR_ VARNAME_.
* Rename variables containing the constant and the coefficient.
rename variables CONST_=rurconst rur1=rurcoeff.

* Re-activate the main household data.
dataset activate assets.
* Rename the rural score.
rename variables rur1=rurscore.
* merge the coefficients.
match files
  /file = *
  /table = rurcorv
  /by ROWTYPE_.
execute.

use all.

dataset close urbcorv.
dataset close rurcorv.
dataset activate assets.

*** Calculate combined wealth score from Urban and Rural Scores.

```

```

* Use coefficients from urban and rural regressions above!.
compute comb scor=0.
variable labels comb scor "Combined wealth score".
formats comb scor (f11.5).
** Urban - replace values with those from the regressions above!.
if (urban = 1) comb scor=urbconst+urbcoeff*urbscore.
** Rural - replace values with those from the regressions above!.
if (rural = 1) comb scor=rurconst+rurcoeff*rurscore.
execute.

```

```

*Tabulation for histograms.
compute hhwt = QHWEIGHT/1000000.
VARIABLE LABELS hhwt 'HH weights' .
weight by hhwt.
filter off.
use all.

```

```

FREQUENCIES
  VARIABLES=comb scor COM1 /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.

```

```

USE ALL.
FILTER BY urban.
EXECUTE.

```

```

FREQUENCIES
  VARIABLES=comb scor URBscore /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.

```

```

USE ALL.
FILTER BY rural.
EXECUTE.

```

```

FREQUENCIES
  VARIABLES=comb scor RURscore /FORMAT=NOTABLE
  /NTILES= 5
  /STATISTICS=STDDEV MEAN
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.

```

```

FILTER OFF.
USE ALL.
EXECUTE.

```

```

*Calculate quintiles and scores for data file.

```

```

compute hmemwt=QHWEIGHT*HHUSUAL/1000000.
weight by hmemwt.
VARIABLE LABELS hmemwt 'HH members weighting for index'.

** Urban Area.
USE ALL.
FILTER BY urban.
EXECUTE.

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

** Rural Area.
USE ALL.
FILTER BY rural.
EXECUTE.

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

** National combined score.
FILTER OFF.
USE ALL.
EXECUTE.

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.

*** Check on quintiles.

frequencies variables=ncombsco.

weight by hhwt.

MEANS TABLES=
  QH110A QH110B QH110C QH110D QH110E QH110F QH110G QH110H
QH110I QH110J QH110K QH110L
  QH110M QH110N QH110O QH110P QH110Q QH110R QH118A QH118B
QH118C QH118D QH118E QH118F QH118G
  QH118H QH118I QH121 QH122A QH122B QH122C QH122D QH122E
QH122F QH122G QH123 DOMESTIC HOUSE LAND
  h2oires h2oyrd h2ospipe h2owell h2opump h2opwell h2ouwell
h2opspg
  h2ouspg h2orain h2otruck h2ofilt h2ocart h2osurf h2obot

```

```

h2ooth
    flushs flusht flushp flushd latvip latslab
latpit latbuck lathang latbush latoth latshare
    sflushs sflusht sflushp sflushe sflushd slatvip slatslab
slatpit slatbuck slathang slatoth
    cookelec cooklpg cookngas cookbgas cookkero cookcoal
cookchar cookwood cookstraw cookdung cooknone cookoth
    dirtfloo dungfloo woodfloo palmfloo prqfloo vinyfloo tilefloo
cemtfloo carpfloo terrfloo brikfloo matsfloo marbfloo othfloo
    noroof natroof sodroof rustroof palmroof wproof cardroof
ironroof brikroof metroof woodroof calaroorf ceraroorf centroof
shinroof othroof
    nowall natwall dirtwall mudwall bambwall unbkmwall cartwall
bmudwall stonwall adobwall plywall cardwall
    reuwall brikwall tentwall centwall stlimwall
brik2wall cent2wall adob2wall shinwall othwall
    landarea
    by Ncombsco
    /CELLS MEAN COUNT STDDEV.

```

WEIGHT OFF.

save outfile="c:\PK61\WealthIndex\PK12assets.sav".

*** Write out scores file.

WRITE OUTFILE="c:\PK61\WealthIndex\PK12scores.dat"

TABLE

/QHCLUST QHNUMBER combscor ncombsco urbscore nurbscor rurscore
nrurscor.

EXECUTE.