Component Score Coefficient Matrix

| Descriptive Statistics |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Mean | Deviation(a | N(a) | Missing N |
| h2oires if water is piped into residence | . 03 | . 160 | 9391 | 0 |
| h2oyard if water is piped into | . 13 | . 336 | 9391 | 0 |
| h2opub if gets water from a public tap | . 47 | . 499 | 9391 | 0 |
| h2otube if gets water from tubewell or | . 07 | . 248 | 9391 | 0 |
| h2opwell if gets water from a protected | . 04 | . 192 | 9391 | 0 |
| h2upwell if gets water from an | . 12 | . 328 | 9391 | 0 |
| h2spring if gets water from a protected | . 04 | . 206 | 9391 | 0 |
| h2osurf if gets water from river, stream, | . 01 | . 081 | 9391 | 0 |
| h2otk if gets water from tanker truck | . 00 | . 068 | 9391 | 0 |
| h2oother if gets water from other source | . 01 | . 108 | 9391 | 0 |
| flushs if has own flush toilet | . 02 | . 130 | 9391 | 0 |
| shflushs if uses shared flush toilet | . 00 | . 057 | 9391 | 0 |
| latvip if uses own pit latrine (VIP) | . 08 | . 271 | 9391 | 0 |
| shlatvip if uses a shared pit latrine (VIP) | . 03 | . 172 | 9391 | 0 |
| latpits if uses own pit latrine with slab | . 11 | . 316 | 9391 | 0 |
| slatpits if uses a shared pit latrine w slab | . 07 | . 254 | 9391 | 0 |
| latpito if uses own pit latrine without slab | . 17 | . 375 | 9391 | 0 |
| slatpito if uses a shared pit latrine w/o | . 08 | . 269 | 9391 | 0 |
| latbush if uses the bush | . 41 | . 491 | 9391 | 0 |
| latother if uses some other type of facility | . 03 | . 176 | 9391 | 0 |
| electric if household has electric | . 13 | . 341 | 9391 | 0 |
| radio if household has radio | . 58 | . 494 | 9391 | 0 |
| tv if household has tv | . 16 | . 363 | 9391 | 0 |
| fridge if household has fridge | . 12 | . 325 | 9391 | 0 |
| bicycle if household has bicycle | . 02 | . 138 | 9391 | 0 |
| motobk if household has motorcycle or | . 00 | . 047 | 9391 | 0 |
| car if household has car or truck | . 06 | . 233 | 9391 | 0 |
| mphone if household has mobile phone | . 59 | . 491 | 9391 | 0 |
| watch if household has watch | . 36 | . 479 | 9391 | 0 |
| bank if owns a bank account | . 33 | . 471 | 9391 | 0 |
| batgen if household has battery or | . 17 | . 372 | 9391 | 0 |
| bedmatt if household has bed or mattress | . 90 | . 296 | 9391 | 0 |
| cputer if household has computer | . 02 | . 154 | 9391 | 0 |
| internet if household has internet access | . 01 | . 101 | 9391 | 0 |
| memsleep number of members per | 2.4804 | 1.50807 | 9391 | 1376 |
| agland if family owns land usable for ag | . 5654 | . 49573 | 9391 | 0 |
| animals if family owns livestock, herds or | . 5625 | . 49611 | 9391 | 0 |
| dirtfloo if floor is earth/sand | . 4155 | . 49283 | 9391 | 0 |


|  | Component |
| :---: | :---: |
|  | 1 |
| h2oires if water is piped into <br> h2oyard if water is piped into <br> h2opub if gets water from a public tap <br> h2otube if gets water from tubewell or <br> h2opwell if gets water from a <br> h2upwell if gets water from an <br> h2spring if gets water from a <br> h2osurf if gets water from river, <br> h2otk if gets water from tanker truck <br> h2oother if gets water from other <br> flushs if has own flush toilet <br> shflushs if uses shared flush toilet <br> latvip if uses own pit latrine (VIP) <br> shlatvip if uses a shared pit latrine (VIP) | .038 .064 -.019 .010 -.013 -.032 -.014 -.004 -.001 .008 .041 .012 .011 .024 |
| latpits if uses own pit latrine with slab slatpits if uses a shared pit latrine w latpito if uses own pit latrine without slatpito if uses a shared pit latrine w/o latbush if uses the bush latother if uses some other type of electric if household has electric radio if household has radio tv if household has tv fridge if household has fridge bicycle if household has bicycle motobk if household has motorcycle car if household has car or truck mphone if household has mobile watch if household has watch bank if owns a bank account batgen if household has battery or bedmatt if household has bed or cputer if household has computer internet if household has internet memsleep number of members per agland if family owns land usable for animals if family owns livestock, dirtfloo if floor is earth/sand | .027 .033 .015 .019 .083 .003 .082 .057 .081 .075 .021 .009 .054 .073 .042 .077 .020 .043 .046 |

## Sum over each variable

| If has | If does not have |
| ---: | ---: |
| 0.232582853 | -0.006256466 |
| 0.166827943 | -0.024768145 |
| -0.019992031 | 0.018043861 |
| 0.038753698 | -0.002739402 |
| -0.066343986 | 0.002637012 |
| -0.085759957 | 0.011967474 |
| -0.063446558 | 0.00294081 |
| -0.053985069 | 0.000358782 |
| -0.018831596 | $8.66237 \mathrm{E}-05$ |
| 0.074108799 | -0.000886431 |
| 0.313403308 | -0.005466732 |
| 0.201492694 | -0.000667337 |
| 0.037159919 | -0.003234664 |

$0.133909672-0.004191111$
$0.075256779-0.009534632$
$0.119125926-0.00887311$
$0.033248285-0.00676128$
$0.063670712-0.00540642$
$-0.100534995 \quad 0.069088458$
$0.017702517-0.000588201$
$0.206916058-0.032123024$
$0.048498843-0.066805621$
$0.187208774-0.034658666$
$0.204270843-0.027885455$
$0.146296138-0.002907493$
$0.196571339-0.000440555$
$0.217687843-0.01333335$
$0.060182374-0.088079082$
$0.055811395-0.031136981$
$0.10858153-0.05407426$
$0.043890845-0.008696413$
$\begin{array}{rr}0.014093715 & -0.130713807 \\ 0.2893535 & -0.007232258\end{array}$
$0.304280903-0.003142654$
$-0.044839554 \quad 0.05834306$
$-0.030085493 \quad 0.038674026$
$-0.1116077120 .079339277$

| parqfloo if has parquet/polished wood | . 0054 | . 07350 | 9391 |  |
| :---: | :---: | :---: | :---: | :---: |
| vinfloo if has linoleum flooring | . 1643 | . 37057 | 9391 |  |
| cerafloo if flooring is of ceramic tiles | . 0415 | . 19952 | 9391 |  |
| brtlfloo if floor is of brick tiles | . 0108 | . 10315 | 9391 |  |
| cemtfloo if floor is of cement | . 2552 | . 43602 | 9391 |  |
| carpfloo if has carpeted flooring | . 0985 | . 29800 | 9391 |  |
| finroof if roof made of finished | . 0520 | . 22197 | 9391 | 0 |
| cookelec if uses electricity for cooking | . 0543 | . 22664 | 9391 | 0 |
| cookkero if uses kerosene for cooking | . 0922 | . 28935 | 9391 | 0 |
| cookcoal if uses charcoal or lignite/coal | . 0028 | . 05255 | 9391 | 0 |
| cookwood if uses wood, straw (+83) or | . 6495 | . 47717 | 9391 | 0 |
| cookgas if uses LPG, natural gas or | . 1987 | . 39904 | 9391 | 0 |
| grnwall if wall made of | . 0877 | . 28294 | 9391 | 0 |
| stnwall if wall made of stone/mud $+1 \overline{4}$ rud. | . 3784 | . 48503 | 9391 | 0 |
| cmtwall if wall made of cement | . 0529 | . 22389 | 9391 | 0 |
| stncwall if wall made of stone with cement | . 0825 | . 27518 | 9391 | 0 |
| brckwall if wall made of brick | . 1259 | . 33172 | 9391 | 0 |
| blckwall if wall made of cemt block + 10 | . 2531 | . 43482 | 9391 | 0 |
| natroof if has grass/thatch/sod roofing | . 3561 | . 47887 | 9391 | 0 |
| ironroof if roof made of corrugated iron + | . 5850 | . 49274 | 9391 | 0 |
| For each variable, missing values are replaced with the variable mean. |  |  |  |  |


| parqfloo if has parquet/polished wood | .008 |
| :--- | ---: |
| vinfloo if has linoleum flooring | .025 |
| cerafloo if flooring is of ceramic tiles | .043 |
| brtlfloo if floor is of brick tiles | .016 |
| cemtfloo if floor is of cement | .042 |
| carpfloo if has carpeted flooring | .026 |
| finroof if roof made of finished | .038 |
| cookelec if uses electricity for cooking | .058 |
| cookkero if uses kerosene for | .016 |
| cookcoal if uses charcoal or | -.002 |
| cookwood if uses wood, straw (+83) | -.095 |
| cookgas if uses LPG, natural gas or | .070 |
| grnwall if wall made of | -.027 |
| stnwall if wall made of stone/mud $+\overline{14}$ | -.074 |
| cmtwall if wall made of cement | .024 |
| stncwall if wall made of stone with | -.007 |
| brckwall if wall made of brick | .049 |
| blckwall if wall made of cemt block + | .056 |
| natroof if has grass/thatch/sod roofing | -.088 |
| ironroof if roof made of corrugated | .068 |
| Extraction Method: Principal |  |
| Component Analysis. Component |  |

-0.000566909 -0.011200776 -0.008992735 -0.001718944 -0.02465809 $-0.008545495$ -0.008918476 -0.013830764 -0.005118032 $8.45678 \mathrm{E}-05$ 0.129644921 -0.03472422 0.008522766 0.057563051 -0.005602367 0.002205824 -0.018726394 -0.032700675 0.065505193

Statistics
FAC1_1 REGR factor score 1 for analysis 1

| N | Valid | 33561 |
| :--- | :--- | ---: |
|  | Missing |  |
| Mean |  | 0.1007569 |
| Median |  | 0.021069 |
| Std. Deviation |  | 1.0153324 |
| Minimum |  | -1.54665 |
| Maximum |  | 3.40523 |
| Percentiles |  | 40 |
|  | 60 | -0.9206647 |
|  |  | 00 |
|  |  | 0.29645455 |
|  |  |  |

Report
Mean

|  | wlthind5 Wealth Index Quintiles |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | Total |
| h2oires if water is piped into residence | 0.001 | 0.004 | 0.002 | 0.009 | 0.108 | 0.025 |
| h2oyard if water is piped into compound/plot +2bottle | 0.002 | 0.003 | 0.018 | 0.154 | 0.503 | 0.136 |
| h2opub if gets water from a public tap | 0.395 | 0.556 | 0.555 | 0.513 | 0.227 | 0.449 |
| h2otube if gets water from tubewell or borehole | 0.022 | 0.065 | 0.113 | 0.112 | 0.092 | 0.081 |
| h2opwell if gets water from a protected well | 0.074 | 0.047 | 0.034 | 0.034 | 0.008 | 0.039 |
| h2upwell if gets water from an unprotected well | 0.278 | 0.138 | 0.146 | 0.045 | 0.020 | 0.125 |
| h2spring if gets water from a protected spring | 0.073 | 0.047 | 0.028 | 0.032 | 0.005 | 0.037 |
| h2sprung if gets water from unprotected spring | 0.138 | 0.126 | 0.078 | 0.047 | 0.012 | 0.080 |
| h2osurf if gets water from river, stream, pond, lake or dam | 0.012 | 0.006 | 0.007 | 0.003 | 0.003 | 0.006 |
| h2otk if gets water from tanker truck | 0.005 | 0.006 | 0.003 | 0.005 | 0.004 | 0.004 |
| h2oother if gets water from other source | 0.000 | 0.003 | 0.009 | 0.047 | 0.017 | 0.015 |
| flushs if has own flush toilet | 0.000 | 0.000 | 0.000 | 0.000 | 0.087 | 0.018 |
| shflushs if uses shared flush toilet | 0.000 | 0.000 | 0.000 | 0.001 | 0.014 | 0.003 |
| latvip if uses own pit latrine (VIP) | 0.048 | 0.080 | 0.086 | 0.096 | 0.123 | 0.086 |
| shlatvip if uses a shared pit latrine (VIP) | 0.001 | 0.007 | 0.008 | 0.037 | 0.084 | 0.027 |

|latpits if uses own pit latrine with slab slatpits if uses a shared pit latrine w slab latpito if uses own pit latrine without slab slatpito if uses a shared pit latrine w/o slab latbush if uses the bush
latother if uses some other type of facility
electric if household has electric
radio if household has radio
tv if household has tv
fridge if household has fridge
bicycle if household has bicycle motobk if household has motorcycle or scooter
car if household has car or truck
mphone if household has mobile phone
watch if household has watch
bank if owns a bank account batgen if household has battery or generator bedmatt if household has bed or mattress cputer if household has computer internet if household has internet access
memsleep number of members per sleeping room
agland if family owns land usable for ag
animals if family owns livestock, herds or farm animals
dirtfloo if floor is earth/sand othfloo
parqfloo if has parquet/polished wood flooring
vinfloo if has linoleum flooring
cerafloo if flooring is of ceramic tiles
brtfloo if floor is of brick tiles
cemtfloo if floor is of cement
carpfloo if has carpeted flooring
grnwall if wall made of cane/palm/trunks/grass materials ( +35 n
stnwall if wall made of stone/mud +14 rud. materials
cmtwall if wall made of cement
stncwall if wall made of stone with cement
brckwall if wall made of brick
blckwall if wall made of cemt block +10 wood planks

| 0.013 | 0.062 |
| :---: | :---: |
| 0.001 | 0.018 |
| 0.022 | 0.172 |
| 0.007 | 0.042 |
| 0.902 | 0.574 |
| 0.007 | 0.045 |
| 0.003 | 0.009 |
| 0.267 | 0.521 |
| 0.002 | 0.007 |
| 0.001 | 0.006 |
| 0.000 | 0.006 |
| 0.000 | 0.000 |
| 0.000 | 0.003 |
| 0.200 | 0.549 |
| 0.169 | 0.316 |
| 0.037 | 0.146 |
| 0.048 | 0.144 |
| 0.690 | 0.932 |
| 0.000 | 0.001 |
| 0.000 | 0.000 |
| 3.987 | 3.415 |
| 0.804 | 0.705 |
| 0.757 | 0.694 |
| 0.975 | 0.685 |
| 0.012 | 0.012 |
| 0.000 | 0.002 |
| 0.005 | 0.123 |
| 0.000 | 0.001 |
| 0.000 | 0.001 |
| 0.004 | 0.103 |
| 0.005 | 0.074 |
| 0.154 | 0.156 |
| 0.775 | 0.597 |
| 0.000 | 0.008 |
| 0.056 | 0.137 |
| 0.000 | 0.017 |
| 0.001 | 0.041 |


| 0.174 | 0.183 | 0.213 | 0.129 |
| :---: | :---: | :---: | :---: |
| 0.039 | 0.121 | 0.163 | 0.068 |
| 0.322 | 0.289 | 0.198 | 0.201 |
| 0.086 | 0.173 | 0.091 | 0.080 |
| 0.241 | 0.054 | 0.009 | 0.356 |
| 0.038 | 0.046 | 0.018 | 0.031 |
| 0.011 | 0.080 | 0.700 | 0.161 |
| 0.618 | 0.754 | 0.921 | 0.616 |
| 0.047 | 0.174 | 0.737 | 0.193 |
| 0.019 | 0.106 | 0.615 | 0.149 |
| 0.017 | 0.028 | 0.069 | 0.024 |
| 0.002 | 0.002 | 0.010 | 0.003 |
| 0.017 | 0.049 | 0.289 | 0.072 |
| 0.721 | 0.891 | 0.987 | 0.669 |
| 0.372 | 0.445 | 0.638 | 0.388 |
| 0.275 | 0.513 | 0.866 | 0.367 |
| 0.228 | 0.298 | 0.202 | 0.184 |
| 0.971 | 0.987 | 0.997 | 0.915 |
| 0.000 | 0.004 | 0.142 | 0.030 |
| 0.000 | 0.002 | 0.052 | 0.011 |
| 3.008 | 2.782 | 2.443 | 3.101 |
| 0.674 | 0.450 | 0.232 | 0.573 |
| 0.685 | 0.492 | 0.376 | 0.601 |
| 0.133 | 0.014 | 0.000 | 0.361 |
| 0.009 | 0.005 | 0.007 | 0.009 |
| 0.006 | 0.003 | 0.007 | 0.004 |
| 0.276 | 0.200 | 0.200 | 0.161 |
| 0.014 | 0.055 | 0.220 | 0.058 |
| 0.007 | 0.018 | 0.035 | 0.012 |
| 0.398 | 0.579 | 0.370 | 0.291 |
| 0.150 | 0.128 | 0.161 | 0.103 |
| 0.057 | 0.012 | 0.001 | 0.076 |
| 0.239 | 0.055 | 0.020 | 0.337 |
| 0.084 | 0.076 | 0.086 | 0.051 |
| 0.107 | 0.067 | 0.028 | 0.079 |
| 0.118 | 0.207 | 0.367 | 0.142 |
| 0.366 | 0.566 | 0.494 | 0.294 |


| Othwall if wall made of other materials | 0.014 | 0.045 | 0.022 | 0.017 | 0.005 | 0.021 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| natroof if has grass/thatch/sod roofing | 0.960 | 0.507 | 0.085 | 0.009 | 0.004 | 0.313 |
| rudroof if has roof made of rud planks or cardboard | 0.004 | 0.004 | 0.006 | 0.004 | 0.008 | 0.005 |
| ironroof if roof made of corrugated iron +3 other | 0.036 | 0.476 | 0.859 | 0.904 | 0.796 | 0.614 |
| finroof if roof made of finished materials/roofing tiles | 0.000 | 0.013 | 0.043 | 0.084 | 0.192 | 0.066 |
| cookelec if uses electricity for cooking | 0.000 | 0.000 | 0.000 | 0.008 | 0.299 | 0.061 |
| cookgas if uses LPG, natural gas or biogas for cooking | 0.000 | 0.008 | 0.044 | 0.357 | 0.618 | 0.205 |
| cookkero if uses kerosene for cooking | 0.002 | 0.017 | 0.074 | 0.239 | 0.037 | 0.074 |
| cookcoal if uses charcoal or lignite/coal for cooking | 0.001 | 0.002 | 0.004 | 0.001 | 0.002 | 0.002 |
| cookwood if uses wood, straw (+83) or crop/dung (+5) for cooki | 0.997 | 0.973 | 0.868 | 0.395 | 0.045 | 0.656 |
| cookoth no food cooked in HH, or some other fuel for cooking (- | 0.000 | 0.001 | 0.003 | 0.001 | 0.000 | 0.001 |

