

Common

Descriptive Statistics

	Std.		Analysis N ^a	Missing N
	Mean	Deviation ^a		
QH110A Electricity	.11	.313	12540	3
QH110B Radio	.63	.483	12540	2
QH110C Television	.06	.241	12540	9
QH110D Mobile telephone	.41	.492	12540	4
QH110E Telephone (non-mobile)	.00	.060	12540	8
QH110F Refrigerator	.02	.125	12540	2
QH110G Computer	.02	.137	12540	2
QH118A Watch	.23	.422	12540	3
QH118B Bicycle	.15	.355	12540	3
QH118C Motorcycle or Scooter	.01	.104	12540	2
QH118D Animal-drawn cart	.00	.015	12540	3
QH118E Car or Truck	.01	.103	12540	2
QH118F Boat without a motor	.00	.036	12540	2
QH118G Boat with a motor	.00	.013	12540	2
QH123 Bank account	.34	.473	12540	35
DOMESTIC Domestic servant in household	.05	.227	12540	0
HOUSE Owns a dwelling	.62	.487	12540	0
memsleep Number of members per sleeping room	2.0664	1.23403	12540	35
h2oires Piped into dwelling	.0035	.05913	12540	0
h2oyrd Piped into yard/plot	.0513	.22057	12540	0
h2opub Public tap / standpipe	.2585	.43785	12540	0
h2obwell Tube well or borehole	.0234	.15132	12540	0
h2ipwell Protected dug well	.0248	.15552	12540	0
h2iowell Unprotected dug well	.0187	.13561	12540	0
h2opspg Protected Spring	.3766	.48454	12540	0
h2ouspg Unprotected Spring	.1410	.34802	12540	0
h2orain Water from rain	.0039	.06239	12540	0
h2osurf Surface water-river, lake, dam, etc.	.0831	.27604	12540	0
h2obot Water from bottle	.0014	.03786	12540	0
h2ooth Other water source	.0132	.11430	12540	0
flushs Flush toilet to sewer	.0075	.08626	12540	0
flusst Flush toilet to septic tank	.0007	.02678	12540	0
flushp Flush toilet to pit latrine	.0040	.06302	12540	0
flushe Flush toilet to elsewhere	.0039	.06239	12540	0
latpit Traditional pit latrine	.2252	.41773	12540	0
latpits Pit latrine with slab	.7138	.45200	12540	0
latvip VIP latrine	.0188	.13589	12540	0
latcomp Composting toilet/ecosan	.0045	.06668	12540	0
latbush No facility/bush/field	.0134	.11497	12540	0
latoth Other type of latrine/toilet	.0073	.08534	12540	0
latshare Shares latrine/toilet with other households	.2232	.41641	12540	0
dirtflo Earth, sand, dung floor	.8042	.39681	12540	0

Component Score Coefficient Matrix

	Component		Sum over each variable	
	1		If has	If does not have
QH110A Electricity	.114		0.323340635	-0.040124042
QH110B Radio	.045		0.034217843	-0.058303899
QH110C Television	.108		0.421819514	-0.027922708
QH110D Mobile telephone	.075		0.089269837	-0.062738676
QH110E Telephone (non-mobile)	.037		0.613689723	-0.00226091
QH110F Refrigerator	.082		0.645967875	-0.010471193
QH110G Computer	.082		0.590810163	-0.011480903
QH118A Watch	.044		0.080430305	-0.02437738
QH118B Bicycle	.012		0.029696524	-0.00517332
QH118C Motorcycle or Scooter	.029		0.27350016	-0.003043792
QH118D Animal-drawn cart	.010		0.625920701	-0.000149813
QH118E Car or Truck	.069		0.660199501	-0.007185917
QH118F Boat without a motor	-.002		-0.057298825	7.32136E-05
QH118G Boat with a motor	.000		-0.001771569	2.82637E-07
QH123 Bank account	.071		0.099035892	-0.051078511
DOMESTIC Domestic servant in household	.083		0.347402818	-0.020011481
HOUSE Owns a dwelling	-.013		-0.010071284	0.016119903
memsleep Number of members per sleeping room	-.024			
h2oires Piped into dwelling	.043		0.717836182	-0.002527592
h2oyrd Piped into yard/plot	.091		0.39337351	-0.021260752
h2opub Public tap / standpipe	.018		0.03086118	-0.010760588
h2obwell Tube well or borehole	-.005		-0.031611565	0.000758925
h2ipwell Protected dug well	-.005		-0.028266465	0.000718854
h2iowell Unprotected dug well	-.008		-0.05583301	0.001066295
h2opspg Protected Spring	-.038		-0.048494343	0.029290136
h2ouspg Unprotected Spring	-.022		-0.054791965	0.008992963
h2orain Water from rain	-.002		-0.030534223	0.00011978
h2osurf Surface water-river, lake, dam, etc.	-.014		-0.045146628	0.004091389
h2obot Water from bottle	.021		0.543792731	-0.000781686
h2ooth Other water source	.008		0.067102515	-0.000900195
flushs Flush toilet to sewer	.062		0.70979096	-0.005360787
flusst Flush toilet to septic tank	.015		0.556774173	-0.000399886
flushp Flush toilet to pit latrine	.032		0.506437613	-0.002027372
flushe Flush toilet to elsewhere	.004		0.067703991	-0.000265591
latpit Traditional pit latrine	-.038		-0.070216949	0.020408878
latpits Pit latrine with slab	.019		0.012125238	-0.030240457
latvip VIP latrine	.007		0.048252248	-0.000925515
latcomp Composting toilet/ecosan	-.005		-0.073526917	0.000329823
latbush No facility/bush/field	-.010		-0.087350323	0.001186134
latoth Other type of latrine/toilet	-.005		-0.05574216	0.000411976
latshare Shares latrine/toilet with other households	.020		0.038134226	-0.010957571
dirtflo Earth, sand, dung floor	-.107		-0.052939381	0.217471958

woodfloo Rudimentary wood plank, palm, bamboo floor	.0002	.01263	12540	0
cemtfloo Cement floor	.1772	.38185	12540	0
tilefloo Ceramic tile floor	.0053	.07236	12540	0
othfloo Other type of flooring	.0128	.11224	12540	0
nowall No walls	.0009	.02961	12540	0
natwall Cane/palm/trunks/dirt walls	.0498	.21746	12540	0
mudwall Bamboo with mud walls	.0082	.09026	12540	0
stonwall Stone walls	.0024	.04886	12540	0
adobwall Uncovered adobe walls	.0825	.27507	12540	0
plywall Plywood walls	.0001	.00893	12540	0
rwoodwall Reused wood walls	.0236	.15182	12540	0
trnkwall Trunks with mud walls	.3368	.47265	12540	0
cmtwall Cement walls	.0459	.20918	12540	0
brkwall Baked brick walls	.0221	.14698	12540	0
cmtbwall Cement block walls	.0057	.07504	12540	0
cadobwall Covered adobe walls	.3961	.48910	12540	0
woodwall Wood planks, shingles walls	.0072	.08442	12540	0
othwall Other type of walls	.0156	.12404	12540	0
norooof No roof	.0030	.05424	12540	0
natroof Thatch/palm/sod roof	.0458	.20900	12540	0
matroof Rustic mat / plastic roof	.0066	.08109	12540	0
bambroof Palm / bamboo roof	.0007	.02678	12540	0
metroof Iron sheet roof	.5118	.49988	12540	0
woodroof Wood roof	.0006	.02362	12540	0
tileroof Ceramic tile roof	.4232	.49409	12540	0
cmtroof Concrete roof	.0016	.03991	12540	0
shngroof Roofing shingles roof	.0021	.04549	12540	0
othroof Other type of roof	.0037	.06111	12540	0
cookelec Electricity or gas for cooking	.0010	.03092	12540	0
cookkero Kerosene for cooking	.0011	.03340	12540	0
cookchar Charcoal for cooking	.1120	.31533	12540	0
cookwood Wood for cooking	.7511	.43238	12540	0
cookcrop Agricultural crop for cooking	.0016	.03991	12540	0
cooknone Does not cook	.0131	.11361	12540	0
cookoth Other fuel for cooking	.0015	.03890	12540	0

a. For each variable, missing values are replaced with the variable mean.

woodfloo Rudimentary wood plank, palm, bamboo floor	.003	0.267569367	-4.26813E-05
cemtfloo Cement floor	.102	0.219254101	-0.047216768
tilefloo Ceramic tile floor	.050	0.681212045	-0.003604297
othfloo Other type of flooring	.001	0.007751212	-0.000100177
nowall No walls	-.002	-0.059692866	5.24081E-05
natwall Cane/palm/trunks/dirt walls	-.014	-0.061103654	0.003199789
mudwall Bamboo with mud walls	-.006	-0.060788762	0.000503437
stonwall Stone walls	-.006	0.121655385	-0.00029174
adobwall Uncovered adobe walls	-.017	-0.056802737	0.005104644
plywall Plywood walls	.000	-0.053616473	4.27598E-06
rwoodwall Reused wood walls	-.006	-0.038675809	0.000934992
trnkwall Trunks with mud walls	-.034	-0.047428346	0.024090588
cmtwall Cement walls	.027	0.124545483	-0.005985261
brkwall Baked brick walls	.052	0.34565975	-0.007807857
cmtbwall Cement block walls	.035	0.464923161	-0.002647329
cadobwall Covered adobe walls	.019	0.023788055	-0.015602175
woodwall Wood planks, shingles walls	-.002	-0.024486979	0.000177014
othwall Other type of walls	-.003	-0.026481891	0.000420484
norooof No roof	-.005	-0.091414425	0.000270522
natroof Thatch/palm/sod roof	-.021	-0.096809575	0.004643882
matroof Rustic mat / plastic roof	-.007	-0.083064935	0.000553455
bambroof Palm / bamboo roof	-.002	-0.078952576	5.67052E-05
metroof Iron sheet roof	.058	0.057113282	-0.059874721
woodroof Wood roof	.002	0.093685341	-5.23257E-05
tileroof Ceramic tile roof	-.050	-0.058155435	0.042669832
cmtroof Concrete roof	.010	0.255865844	-0.000408731
shngroof Roofing shingles roof	.013	0.278614535	-0.00057887
othroof Other type of roof	-.005	-0.086986401	0.000327252
cookelec Electricity or gas for cooking	.019	0.604990695	-0.000579493
cookkero Kerosene for cooking	.010	0.299916743	-0.00033521
cookchar Charcoal for cooking	.106	0.298659869	-0.037654315
cookwood Wood for cooking	-.072	-0.041323695	0.124712554
cookcrop Agricultural crop for cooking	.000	-0.002201453	3.5167E-06
cooknone Does not cook	.011	0.097736546	-0.001295151
cookoth Other fuel for cooking	.005	0.13519963	-0.000205159

Extraction Method: Principal Component Analysis.

Urban

Descriptive Statistics

	Std.		Analysis N ^a	Missing N
	Mean	Deviation ^a		
QH110A Electricity	.48	0.49983	2009	0
QH110B Radio	.77	0.42376	2009	0
QH110C Television	.30	0.45925	2009	1
QH110D Mobile telephone	.74	0.43775	2009	2
QH110E Telephone (non-mobile)	.02	0.13269	2009	3
QH110F Refrigerator	.08	0.27689	2009	0
QH110G Computer	.10	0.29339	2009	0
QH118A Watch	.33	0.46900	2009	1
QH118B Bicycle	.10	0.30601	2009	1
QH118C Motorcycle or Scooter	.03	0.15733	2009	0
QH118D Animal-drawn cart	.00	0.03154	2009	1
QH118E Car or Truck	.06	0.23141	2009	0
QH119 Own land usable for agriculture	.46	0.49827	2009	0
QH121 Livestock, herds or farm animals	.35	0.47815	2009	0
QH122A Cows	.23	0.87908	2009	0
QH122B Milk cows	.19	1.56853	2009	0
QH122C Bulls	.06	0.45329	2009	0
QH122D Goats	.40	2.34332	2009	0
QH122E Sheep	.07	1.18727	2009	0
QH122F Chickens	.64	3.27929	2009	0
QH122G Pigs	.11	1.60793	2009	0
QH122H Rabbits	.20	1.25973	2009	0
QH123 Bank account	.58	0.49366	2009	4
DOMESTIC Domestic servant in household	.19	0.39485	2009	0
HOUSE Owns a dwelling	.46	0.49886	2009	0
LAND Owns agricultural land	.51	0.49998	2009	0
memsleep Number of members per sleeping room	1.8858	1.18692	2009	4
h2oires Piped into dwelling	.0174	0.13087	2009	0
h2oyrd Piped into yard/plot	.2499	0.43305	2009	0
h2opub Public tap / standpipe	.4022	0.49046	2009	0
h2obwell Tube well or borehole	.0184	0.13449	2009	0
h2ipwell Protected dug well	.0214	0.14476	2009	0
h2iowell Unprotected dug well	.0050	0.07039	2009	0
h2opspg Protected Spring	.1812	0.38527	2009	0
h2ouspg Unprotected Spring	.0498	0.21754	2009	0
h2orain Water from rain	.0015	0.03862	2009	0
h2osurf Surface water-river, lake, dam, etc.	.0100	0.09930	2009	0
h2obot Water from bottle	.0080	0.08891	2009	0
h2ooth Other water source	.0353	0.18469	2009	0
flushs Flush toilet to sewer	.0388	0.19323	2009	0
flusht Flush toilet to septic tank	.0025	0.04984	2009	0
flushp Flush toilet to pit latrine	.0164	0.12714	2009	0

Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
QH110A Electricity	0.10245	0.106004849	-0.098965066
QH110B Radio	0.04667	0.025818573	-0.084307781
QH110C Television	0.09335	0.141819501	-0.061444994
QH110D Mobile telephone	0.07609	0.044949757	-0.128873292
QH110E Telephone (non-mobile)	0.02939	0.217538439	-0.003975322
QH110F Refrigerator	0.06647	0.219967202	-0.020073053
QH110G Computer	0.06678	0.205964391	-0.021638723
QH118A Watch	0.05880	0.084408684	-0.040955693
QH118B Bicycle	-0.00553	-0.016192362	0.00189121
QH118C Motorcycle or Scooter	0.01785	0.110557956	-0.002879702
QH118D Animal-drawn cart	0.00777	0.246030112	-0.000245294
QH118E Car or Truck	0.05579	0.227403067	-0.013680185
QH119 Own land usable for agriculture	-0.05967	-0.065037865	0.054724803
QH121 Livestock, herds or farm animals	-0.04041	-0.054645963	0.029868078
QH122A Cows	0.00275		
QH122B Milk cows	0.01837		
QH122C Bulls	0.00661		
QH122D Goats	-0.00605		
QH122E Sheep	0.00063		
QH122F Chickens	-0.00329		
QH122G Pigs	0.00143		
QH122H Rabbits	-0.00625		
QH123 Bank account	0.07885	0.067557118	-0.092174039
DOMESTIC Domestic servant in household	0.07128	0.145654706	-0.034863681
HOUSE Owns a dwelling	-0.00613	-0.006581037	0.005706419
LAND Owns agricultural land	-0.00389	-0.003793889	0.003983584
memsleep Number of members per sleeping room	-0.02312		
h2oires Piped into dwelling	0.03367	0.252762798	-0.00448161
h2oyrd Piped into yard/plot	0.07477	0.129512502	-0.043142187
h2opub Public tap / standpipe	-0.01149	-0.014002506	0.009420503
h2obwell Tube well or borehole	-0.01408	-0.102769767	0.001928236
h2ipwell Protected dug well	-0.01379	-0.093193415	0.00203831
h2iowell Unprotected dug well	-0.00594	-0.08401425	0.000420281
h2opspg Protected Spring	-0.05443	-0.11568365	0.025598084
h2ouspg Unprotected Spring	-0.02752	-0.120220095	0.006297543
h2orain Water from rain	-0.00384	-0.099361892	0.000148597
h2osurf Surface water-river, lake, dam, etc.	-0.01546	-0.1541766	0.001550293
h2obot Water from bottle	0.01509	0.168391085	-0.00135186
h2ooth Other water source	0.00248	0.0129607	-0.000474824
flushs Flush toilet to sewer	0.04838	0.240662331	-0.009721213
flusht Flush toilet to septic tank	0.01027	0.205607849	-0.000512994
flushp Flush toilet to pit latrine	0.02532	0.195891805	-0.003271472

flush Flush toilet to elsewhere	.0025	0.04984	2009	0
latpit Traditional pit latrine	.0946	0.29270	2009	0
latpits Pit latrine with slab	.8049	0.39639	2009	0
latvip VIP latrine	.0249	0.15582	2009	0
latcomp Composting toilet/ecosan	.0015	0.03862	2009	0
latbush No facility/bush/field	.0070	0.08321	2009	0
latoth Other type of latrine/toilet	.0045	0.06680	2009	0
latshare Shares latrine/toilet with other households	.4450	0.49709	2009	0
dirtfloo Earth, sand, dung floor	.3997	0.48996	2009	0
woodfloo Rudimentary wood plank, palm, bamboo floor	.0005	0.02231	2009	0
cemtloo Cement floor	.5605	0.49645	2009	0
tilefloo Ceramic tile floor	.0289	0.16748	2009	0
othfloo Other type of flooring	.0105	0.10173	2009	0
natwall Cane/palm/trunks/dirt walls	.0294	0.16888	2009	0
mudwall Bamboo with mud walls	.0020	0.04459	2009	0
stonwall Stone walls	.0065	0.08020	2009	0
adobwall Uncovered adobe walls	.0488	0.21546	2009	0
rwoodwall Reused wood walls	.0095	0.09681	2009	0
trnkwall Trunks with mud walls	.2051	0.40386	2009	0
cmtwall Cement walls	.0856	0.27986	2009	0
brkwall Baked brick walls	.0587	0.23519	2009	0
cmtbwall Cement block walls	.0224	0.14801	2009	0
cadobwall Covered adobe walls	.5147	0.49991	2009	0
woodwall Wood planks, shingles walls	.0015	0.03862	2009	0
othwall Other type of walls	.0070	0.08321	2009	0
natroof Thatch/palm/sod roof	.0085	0.09162	2009	0
matroof Rustic mat / plastic roof	.0020	0.04459	2009	0
bambroof Palm / bamboo roof	.0005	0.02231	2009	0
metroof Iron sheet roof	.8153	0.38813	2009	0
woodroof Wood roof	.0015	0.03862	2009	0
tileroof Ceramic tile roof	.1633	0.36970	2009	0
cmtroof Concrete roof	.0040	0.06299	2009	0
shngroof Roofing shingles roof	.0045	0.06680	2009	0
cookelec Electricity or gas for cooking	.0040	0.06299	2009	0
cookkero Kerosene for cooking	.0055	0.07381	2009	0
cookchar Charcoal for cooking	.5441	0.49818	2009	0
cookwood Wood for cooking	.3206	0.46681	2009	0
cooknone Does not cook	.0353	0.18469	2009	0
cookoth Other fuel for cooking	.0040	0.06299	2009	0
landarea	2.0146	12.19451	2009	0

a. For each variable, missing values are replaced with the variable mean.

flush Flush toilet to elsewhere	0.00804	0.160865059	-0.00040136
latpit Traditional pit latrine	-0.04458	-0.13791208	0.01440533
latpits Pit latrine with slab	0.00249	0.001225308	-0.005054396
latvip VIP latrine	0.00399	0.024989698	-0.000637818
latcomp Composting toilet/ecosan	-0.00601		
latbush No facility/bush/field	-0.01620	-0.155269415	0.000232207
latoth Other type of latrine/toilet	-0.01021	-0.193298457	0.00135648
latshare Shares latrine/toilet with other households	0.01241	-0.152143296	0.000684645
dirtfloo Earth, sand, dung floor	-0.09852	0.013853126	-0.01110735
woodfloo Rudimentary wood plank, palm, bamboo floor	0.00220	-0.120710905	0.080373844
cemtloo Cement floor	0.08638	0.098470576	-4.90391E-05
tilefloo Ceramic tile floor	0.03849	0.076474355	-0.097519959
othfloo Other type of flooring	-0.01088	0.223168871	-0.006634441
natwall Cane/palm/trunks/dirt walls	-0.03349	-0.105787241	0.001117471
mudwall Bamboo with mud walls	-0.00836	-0.192509302	0.00582464
stonwall Stone walls	-0.00161	-0.187092983	0.000373253
adobwall Uncovered adobe walls	-0.02871	-0.019910179	0.000129676
rwoodwall Reused wood walls	-0.00849	-0.126756633	0.00650034
trnkwall Trunks with mud walls	-0.02882	-0.086816009	0.000828897
cmtwall Cement walls	0.01397	-0.056723074	0.01463363
brkwall Baked brick walls	0.04719	0.045636647	-0.004273001
cmtbwall Cement block walls	0.02917	0.188843039	-0.011783965
cadobwall Covered adobe walls	0.01259	0.192675843	-0.004414671
woodwall Wood planks, shingles walls	-0.00665	0.012218196	-0.012957553
othwall Other type of walls	-0.00139	-0.171826913	0.000256969
natroof Thatch/palm/sod roof	-0.01896	-0.01654748	0.000116123
matroof Rustic mat / plastic roof	-0.00753	-0.205171153	0.001750959
bambroof Palm / bamboo roof	-0.00399	-0.168583084	0.000336325
metroof Iron sheet roof	0.06299	-0.178661073	8.89746E-05
woodroof Wood roof	0.00176	0.029970509	-0.132322627
tileroof Ceramic tile roof	-0.06487	0.045593874	-6.81863E-05
cmtroof Concrete roof	0.00801	-0.146808117	0.028645486
shngroof Roofing shingles roof	0.01556	0.126572891	-0.000506039
cookelec Electricity or gas for cooking	0.01168	0.231850097	-0.001043325
cookkero Kerosene for cooking	0.00520	0.184725157	-0.000738531
cookchar Charcoal for cooking	0.09214	0.070041769	-0.000385615
cookwood Wood for cooking	-0.07825	0.084325137	-0.100619405
cooknone Does not cook	0.00095	-0.113890116	0.053732772
cookoth Other fuel for cooking	0.00036	0.004940448	-0.000180997
landarea	-0.00900	0.005757383	-2.3018E-05

(landarea/12.19451)*(-0.00900)

Extraction Method: Principal Component Analysis.

Descriptive Statistics

	Std.		Analysis	Missing N
	Mean	Deviation ^a	N ^a	
QH110A Electricity	.04	0.19435	10531	3
QH110B Radio	.60	0.48897	10531	2
QH110C Television	.02	0.12639	10531	8
QH110D Mobile telephone	.35	0.47697	10531	2
QH110E Telephone (non-mobile)	.00	0.03080	10531	5
QH110F Refrigerator	.00	0.05504	10531	2
QH110G Computer	.00	0.06736	10531	2
QH118A Watch	.21	0.41056	10531	2
QH118B Bicycle	.16	0.36351	10531	2
QH118C Motorcycle or Scooter	.01	0.09052	10531	2
QH118D Animal-drawn cart	.00	0.00974	10531	2
QH118E Car or Truck	.00	0.04461	10531	2
QH118F Boat without a motor	.00	0.03895	10531	2
QH118G Boat with a motor	.00	0.01378	10531	2
QH119 Own land usable for agriculture	.87	0.33294	10531	0
QH120 Hectares for agricultural land	2.730	12.09875	10531	2198
QH121 Livestock, herds or farm animals	.61	0.48815	10531	0
QH122A Cows	.35	0.82756	10531	1
QH122B Milk cows	.09	0.62306	10531	1
QH122C Bulls	.09	0.33899	10531	1
QH122D Goats	.65	1.28267	10531	1
QH122E Sheep	.17	0.62174	10531	1
QH122F Chickens	.69	1.90002	10531	1
QH122G Pigs	.16	0.59227	10531	0
QH122H Rabbits	.32	1.86230	10531	1
QH122I Horses / donkeys / mules	.00	0.00974	10531	1
QH123 Bank account	.30	0.45541	10531	31
DOMESTIC Domestic servant in household	.03	0.16502	10531	0
HOUSE Owns a dwelling	.64	0.47875	10531	0
LAND Owns agricultural land	.66	0.47523	10531	0
memsleep Number of members per sleeping room	2.1009	1.23990	10531	31
h2oires Piped into dwelling	.0009	0.02922	10531	0
h2oyrd Piped into yard/plot	.0134	0.11494	10531	0
h2opub Public tap / standpipe	.2311	0.42157	10531	0
h2obwell Tube well or borehole	.0244	0.15431	10531	0
h2ipwell Protected dug well	.0254	0.15749	10531	0
h2iowell Unprotected dug well	.0214	0.14461	10531	0
h2opspg Protected Spring	.4138	0.49254	10531	0
h2ouspg Unprotected Spring	.1584	0.36512	10531	0
h2orain Water from rain	.0044	0.06595	10531	0
h2osurf Surface water-river, lake, dam, etc.	.0970	0.29604	10531	0
h2obot Water from bottle	.0002	0.01378	10531	0
h2ooth Other water source	.0090	0.09455	10531	0
flushs Flush toilet to sewer	.0015	0.03895	10531	0
flusht Flush toilet to septic tank	.0004	0.01949	10531	0
flushp Flush toilet to pit latrine	.0016	0.04015	10531	0
flushe Flush toilet to elsewhere	.0042	0.06451	10531	0
latpit Traditional pit latrine	.2501	0.43310	10531	0
latpits Pit latrine with slab	.6964	0.45983	10531	0

Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
QH110A Electricity	0.12373	0.611635063	-0.025036278
QH110B Radio	0.07075	0.057251003	-0.087443143
QH110C Television	0.11543	0.89840021	-0.014840266
QH110D Mobile telephone	0.09990	0.136126495	-0.073324896
QH110E Telephone (non-mobile)	0.03077	0.99796965	-0.000949001
QH110F Refrigerator	0.08676	1.571377606	-0.004790329
QH110G Computer	0.08994	1.32903017	-0.00608658
QH118A Watch	0.05077	0.097110633	-0.026541303
QH118B Bicycle	0.05500	0.127599551	-0.023712046
QH118C Motorcycle or Scooter	0.05602	0.613709894	-0.00511327
QH118D Animal-drawn cart	0.01085	1.113089208	-0.000105727
QH118E Car or Truck	0.06796	1.520352114	-0.003038389
QH118F Boat without a motor	-0.00096	-0.024708487	3.76045E-05
QH118G Boat with a motor	0.00106	-0.076988246	-1.46268E-05
QH119 Own land usable for agriculture	-0.02056	-0.007840489	0.053915825
QH120 Hectares for agricultural land	-0.00396		
QH121 Livestock, herds or farm animals	0.02824	0.022661448	-0.035192541
QH122A Cows	0.04001		
QH122B Milk cows	0.06014		
QH122C Bulls	0.04480		
QH122D Goats	0.02905		
QH122E Sheep	0.00522		
QH122F Chickens	0.04103		
QH122G Pigs	0.00873		
QH122H Rabbits	0.00808		
QH122I Horses / donkeys / mules	-0.00110		
QH123 Bank account	0.09313	0.144163715	-0.060337637
DOMESTIC Domestic servant in household	0.09329		
HOUSE Owns a dwelling	0.00388	0.549481586	-0.015835978
LAND Owns agricultural land	0.00522	0.002885652	-0.005226681
memsleep Number of members per sleeping room	-0.02939	0.003781877	-0.007195783
h2oires Piped into dwelling	0.04029	1.377378966	-0.001178142
h2oyrd Piped into yard/plot	0.09855	0.845955364	-0.011480241
h2opub Public tap / standpipe	0.02997	0.054659516	-0.016430933
h2obwell Tube well or borehole	-0.00062	-0.003906616	9.77224E-05
h2ipwell Protected dug well	-0.00102	-0.006308982	0.000164748
h2iowell Unprotected dug well	-0.00786	-0.053214733	0.001161781
h2opspg Protected Spring	-0.02736	-0.032563032	0.022988773
h2ouspg Unprotected Spring	-0.02193	-0.0505512	0.009513641
h2orain Water from rain	-0.00079	-0.011947846	5.24178E-05
h2osurf Surface water-river, lake, dam, etc.	-0.00904	-0.02962079	-0.002962079
h2obot Water from bottle	0.02516	1.82515651	-0.000346691
h2ooth Other water source	0.00070	0.007337868	-6.67974E-05
flushs Flush toilet to sewer	0.06945	1.780230712	-0.002708863
flusht Flush toilet to septic tank	0.02364	1.212516347	-0.000460726
flushp Flush toilet to pit latrine	0.03258	0.810100733	-0.001309845
flushe Flush toilet to elsewhere	0.00821	0.126717967	-0.000531667
latpit Traditional pit latrine	-0.05132	-0.088851708	0.029635988
latpits Pit latrine with slab	0.04066	0.02684117	-0.061574331

latvip VIP latrine	.0177	0.13173	10531	0
latcomp Composting toilet/ecosan	.0050	0.07077	10531	0
latbush No facility/bush/field	.0146	0.12005	10531	0
latoth Other type of latrine/toilet	.0079	0.08843	10531	0
latshare Shares latrine/toilet with other households	.1809	0.38495	10531	0
dirtflo Earth, sand, dung floor	.8814	0.32334	10531	0
woodflo Rudimentary wood plank, palm, bamboo floor	.0001	0.00974	10531	0
cemtflo Cement floor	.1041	0.30537	10531	0
tileflo Ceramic tile floor	.0008	0.02755	10531	0
othflo Other type of flooring	.0132	0.11413	10531	0
nowall No walls	.0010	0.03230	10531	0
natwall Cane/palm/trunks/dirt walls	.0537	0.22534	10531	0
mudwall Bamboo with mud walls	.0094	0.09651	10531	0
stonwall Stone walls	.0016	0.04015	10531	0
adobwall Uncovered adobe walls	.0889	0.28458	10531	0
plywall Plywood walls	.0001	0.00974	10531	0
rwoodwall Reused wood walls	.0263	0.16004	10531	0
trnkwall Trunks with mud walls	.3620	0.48060	10531	0
cmtwall Cement walls	.0383	0.19185	10531	0
brkwall Baked brick walls	.0151	0.12195	10531	0
cmtbwall Cement block walls	.0025	0.04963	10531	0
cadobwall Covered adobe walls	.3735	0.48375	10531	0
woodwall Wood planks, shingles walls	.0083	0.09052	10531	0
othwall Other type of walls	.0173	0.13033	10531	0
norooft No roof	.0035	0.05917	10531	0
natroof Thatch/palm/sod roof	.0529	0.22383	10531	0
matroof Rustic mat / plastic roof	.0075	0.08629	10531	0
bambroof Palm / bamboo roof	.0008	0.02755	10531	0
metrooft Iron sheet roof	.4539	0.49789	10531	0
woodroof Wood roof	.0004	0.01949	10531	0
tilerooft Ceramic tile roof	.4728	0.49928	10531	0
cmtroof Concrete roof	.0011	0.03374	10531	0
shngroof Roofing shingles roof	.0016	0.04015	10531	0
othroof Other type of roof	.0045	0.06666	10531	0
cookelec Electricity or gas for cooking	.0004	0.01949	10531	0
cookkero Kerosene for cooking	.0003	0.01688	10531	0
cookchar Charcoal for cooking	.0295	0.16930	10531	0
cookwood Wood for cooking	.8333	0.37277	10531	0
cookcrop Agricultural crop for cooking	.0019	0.04354	10531	0
cooknone Does not cook	.0088	0.09356	10531	0
cookoth Other fuel for cooking	.0010	0.03230	10531	0
landarea	2.2000	12.14420	10531	0

a. For each variable, missing values are replaced with the variable mean.

latvip VIP latrine	0.01114	0.083102166	-0.001494152
latcomp Composting toilet/ecosan	-0.00660	-0.0927523	0.000469161
latbush No facility/bush/field	-0.01599	-0.131277112	0.00194822
latoth Other type of latrine/toilet	-0.00752	-0.084337702	0.000669987
latshare Shares latrine/toilet with other households	-0.00957		
dirtflo Earth, sand, dung floor	-0.13499	-0.020366023	0.004497713
woodflo Rudimentary wood plank, palm, bamboo floor	0.00247	-0.04951637	0.367983145
cemtflo Cement floor	0.13418	0.253111698	-2.40372E-05
tileflo Ceramic tile floor	0.04328	0.393656228	-0.045728376
othflo Other type of flooring	0.01251	1.569682474	-0.001193335
nowall No walls	-0.00226	0.108147827	-0.00144655
natwall Cane/palm/trunks/dirt walls	-0.01444	-0.069882458	7.3071E-05
mudwall Bamboo with mud walls	-0.00713	-0.060643916	0.003438071
stonwall Stone walls	0.01232	-0.073213987	0.000694803
adobwall Uncovered adobe walls	-0.01959	0.30638234	-0.000495387
plywall Plywood walls	-0.00058	-0.062730808	0.006119441
rwoodwall Reused wood walls	-0.00453	-0.059901003	5.6886E-06
trnkwall Trunks with mud walls	-0.04671	-0.027583583	0.000745139
cmtwall Cement walls	0.04887	-0.06201373	0.035183261
brkwall Baked brick walls	0.05945	0.244983882	-0.009748075
cmtbwall Cement block walls	0.03456	0.480127949	-0.007360234
cadobwall Covered adobe walls	0.02883	0.694650524	-0.001719268
woodwall Wood planks, shingles walls	0.00279	0.03733647	-0.022255886
othwall Other type of walls	-0.00200	0.030618455	-0.000255056
norooft No roof	-0.00804	-0.015083503	0.000265262
natroof Thatch/palm/sod roof	-0.03503	-0.135348584	0.000477215
matroof Rustic mat / plastic roof	-0.01072	-0.148209511	0.008276789
bambroof Palm / bamboo roof	-0.00308	-0.123320748	0.000932103
metrooft Iron sheet roof	0.06125	-0.111827079	8.50154E-05
woodroof Wood roof	-0.00023	0.067178767	-0.05583629
tilerooft Ceramic tile roof	-0.04230	-0.011901482	4.52227E-06
cmtroof Concrete roof	0.01290	-0.044665891	0.040056101
shngroof Roofing shingles roof	0.00421	0.381867287	-0.000435631
othroof Other type of roof	-0.00833	0.104617272	-0.000169155
cookelec Electricity or gas for cooking	0.03783	-0.124445839	0.000557893
cookkero Kerosene for cooking	0.01781	1.940523939	-0.000737351
cookchar Charcoal for cooking	0.10075	1.05477635	-0.000300563
cookwood Wood for cooking	-0.03469	0.577497385	-0.017573551
cookcrop Agricultural crop for cooking	0.00180	-0.015519024	0.077550929
cooknone Does not cook	0.01000	0.041361248	-7.87009E-05
cookoth Other fuel for cooking	0.00903	0.105927909	-0.000943791
landarea	-0.00165	0.279151822	-0.000291889

Extraction Method: Principal Component Analysis.

Combined Scores

Urban Area

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.292	.009		148.529	.000
	URB1 REGR factor score 1 for analysis	1.530	.009	.969	175.774	.000

a. Dependent Variable: FAC1_1 REGR factor score 1 for analysis 1

$$\text{Combined Score} = 1.292 + 1.530 * \text{Urban Score}$$

Rural

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.247	.001		-203.663	.000
	RUR1 REGR factor score 1 for analysis	.566	.001	.977	467.933	.000

a. Dependent Variable: FAC1_1 REGR factor score 1 for analysis 1

$$\text{Combined Score} = -0.247 + 0.566 * \text{Rural Score}$$

Combined Score

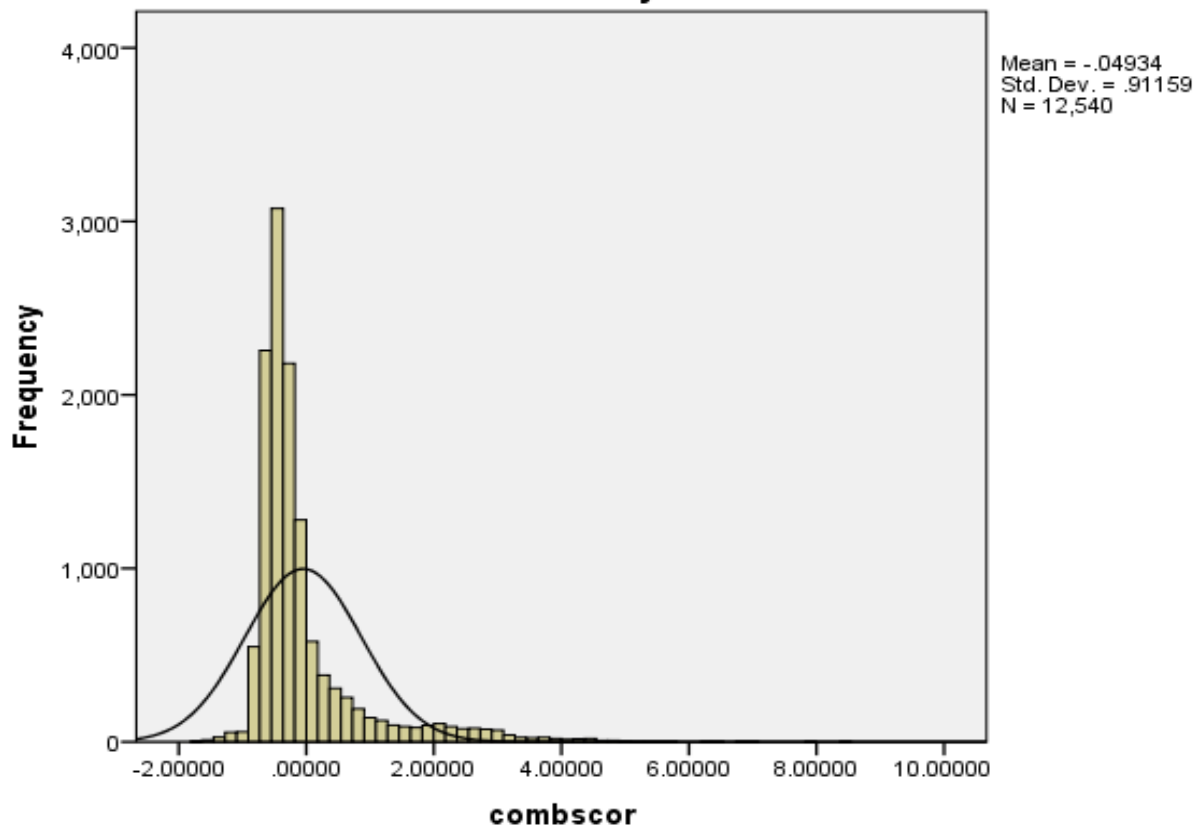
Statistics

combscor

N	Valid	12540
	Missing	0
Mean		-.0493401
Std. Error of Mean		.00814048
Median		-.3468723
Mode		-.44821
Std. Deviation		.91158853
Skewness		2.642
Std. Error of Skewness		.022
Kurtosis		8.265
Std. Error of Kurtosis		.044
Minimum		-1.67508
Maximum		8.39357
Percentiles	20	-.5739234
	40	-.4276301
	60	-.2495117
	80	.1604638

histogram

Distribution of Households by Wealth Scores Rwanda 2010



Cases weighted by HH weights

Report

Statistics: Mean

	Ncombsco Percentile Group of combscor					Total
	1	2	3	4	5	
QH110A Electricity	.00	.00	.00	.02	.46	.10
QH110B Radio	.22	.46	.73	.84	.88	.63
QH110C Television	.00	.00	.00	.00	.26	.05
QH110D Mobile telephone	.03	.09	.34	.67	.89	.40
QH110E Telephone (non-mobile)	.00	.00	.00	.00	.01	.00
QH110F Refrigerator	.00	.00	.00	.00	.06	.01
QH110G Computer	.00	.00	.00	.00	.08	.02
QH118A Watch	.05	.14	.23	.33	.40	.23
QH118B Bicycle	.01	.03	.12	.34	.25	.15
QH118C Motorcycle or Scooter	.00	.00	.00	.00	.05	.01
QH118D Animal-drawn cart	.00	.00	.00	.00	.00	.00
QH118E Car or Truck	.00	.00	.00	.00	.04	.01
QH118F Boat without a motor	.00	.00	.00	.00	.00	.00
QH118G Boat with a motor	.00	.00	.00	.00	.00	.00

QH119 Own land usable for agriculture	.86	.88	.88	.88	.57	.81
QH120 Hectares for agricultural land	3.633	2.955	3.206	2.476	1.917	2.787
QH121 Livestock, herds or farm animals	.34	.55	.70	.77	.50	.57
QH122A Cows	.09	.20	.34	.54	.49	.33
QH122B Milk cows	.01	.02	.05	.12	.35	.11
QH122C Bulls	.02	.04	.09	.14	.16	.09
QH122D Goats	.26	.44	.71	.98	.66	.61
QH122E Sheep	.08	.16	.20	.19	.13	.15
QH122F Chickens	.17	.32	.66	1.24	1.12	.70
QH122G Pigs	.09	.13	.17	.24	.14	.15
QH122H Rabbits	.16	.23	.33	.44	.37	.30
QH122I Horses / donkeys / mules	.00	.00	.00	.00	.00	.00
QH123 Bank account	.04	.10	.25	.50	.76	.33
DOMESTIC Domestic servant in household	.00	.00	.00	.02	.23	.05
HOUSE Owns a dwelling	.59	.62	.67	.69	.54	.62
LAND Owns agricultural land	.60	.63	.68	.70	.58	.64
memsleep Number of members per sleeping room	2.4337	2.1565	2.0249	1.9468	1.8023	2.0727
h2oires Piped into dwelling	.0000	.0000	.0000	.0000	.0131	.0026
h2oyrd Piped into yard/plot	.0000	.0000	.0000	.0023	.2113	.0427
h2opub Public tap / standpipe	.1148	.1796	.2421	.3396	.4159	.2584
h2obwell Tube well or borehole	.0234	.0268	.0186	.0294	.0175	.0231
h2ipwell Protected dug well	.0313	.0237	.0236	.0262	.0186	.0247
h2iowell Unprotected dug well	.0351	.0180	.0220	.0124	.0088	.0193
h2opspg Protected Spring	.4858	.4459	.4223	.3534	.1964	.3808
h2ouspg Unprotected Spring	.2058	.1892	.1413	.1260	.0501	.1425
h2orain Water from rain	.0028	.0044	.0054	.0052	.0023	.0040
h2osurf Surface water-river, lake, dam, etc.	.0937	.1045	.1133	.0933	.0338	.0877
h2obot Water from bottle	.0000	.0000	.0000	.0000	.0065	.0013
h2ooth Other water source	.0069	.0079	.0106	.0118	.0248	.0124
flushs Flush toilet to sewer	.0000	.0000	.0000	.0000	.0284	.0057
flusht Flush toilet to septic tank	.0000	.0000	.0000	.0000	.0040	.0008
flushp Flush toilet to pit latrine	.0000	.0004	.0000	.0011	.0172	.0037
flushe Flush toilet to elsewhere	.0003	.0013	.0045	.0054	.0065	.0036
latpit Traditional pit latrine	.5322	.2750	.1763	.1229	.0459	.2305
latpits Pit latrine with slab	.3808	.6817	.7796	.8469	.8577	.7093

latvip VIP latrine	.0038	.0169	.0254	.0158	.0337	.0191
latcomp Composting toilet/ecosan	.0127	.0034	.0032	.0015	.0016	.0045
latbush No facility/bush/field	.0508	.0114	.0062	.0022	.0004	.0142
latoth Other type of latrine/toilet	.0194	.0096	.0040	.0038	.0019	.0077
latshare Shares latrine/toilet with other households	.2545	.2009	.1487	.1496	.3241	.2155
dirtflo Earth, sand, dung floor	.9976	.9992	.9914	.9006	.2012	.8180
woodflo Rudimentary wood plank, palm, bamboo floor	.0000	.0000	.0000	.0000	.0007	.0001
cemtflo Cement floor	.0000	.0000	.0008	.0647	.7550	.1641
tileflo Ceramic tile floor	.0000	.0000	.0000	.0000	.0232	.0046
othflo Other type of flooring	.0024	.0008	.0074	.0336	.0196	.0128
nowall No walls	.0023	.0007	.0008	.0000	.0007	.0009
natwall Cane/palm/trunks/dirt walls	.0934	.0553	.0501	.0461	.0064	.0503
mudwall Bamboo with mud walls	.0135	.0128	.0109	.0036	.0007	.0083
stonwall Stone walls	.0004	.0000	.0012	.0029	.0074	.0024
adobwall Uncovered adobe walls	.1237	.1196	.0972	.0787	.0185	.0876
plywall Plywood walls	.0000	.0000	.0003	.0000	.0000	.0001
rwoodwall Reused wood walls	.0272	.0251	.0335	.0214	.0112	.0237
trnkwall Trunks with mud walls	.5172	.3836	.3597	.3024	.1286	.3383
cmtwall Cement walls	.0026	.0037	.0138	.0493	.1636	.0466
brkwall Baked brick walls	.0000	.0000	.0017	.0169	.0827	.0203
cmtbwall Cement block walls	.0000	.0000	.0000	.0012	.0250	.0053
cadobwall Covered adobe walls	.1990	.3637	.4051	.4476	.5299	.3891
woodwall Wood planks, shingles walls	.0034	.0102	.0086	.0100	.0067	.0078
othwall Other type of walls	.0159	.0232	.0154	.0131	.0143	.0164
norooft No roof	.0114	.0018	.0007	.0000	.0003	.0028
natroof Thatch/palm/sod roof	.1861	.0354	.0112	.0014	.0004	.0469
matroof Rustic mat / plastic roof	.0238	.0070	.0041	.0024	.0005	.0076
bambroof Palm / bamboo roof	.0024	.0004	.0004	.0004	.0000	.0007
metroof Iron sheet roof	.1514	.3931	.5343	.6481	.8419	.5138
woodroof Wood roof	.0005	.0000	.0009	.0000	.0015	.0006
tileroof Ceramic tile roof	.6068	.5565	.4433	.3434	.1452	.4191
cmtroof Concrete roof	.0000	.0000	.0005	.0015	.0061	.0016
shngroof Roofing shingles roof	.0004	.0026	.0021	.0008	.0037	.0019
othroof Other type of roof	.0147	.0026	.0012	.0018	.0000	.0041

cookelec Electricity or gas for cooking	.0000	.0000	.0000	.0000	.0039	.0008
cookkero Kerosene for cooking	.0000	.0000	.0000	.0000	.0050	.0010
cookchar Charcoal for cooking	.0000	.0000	.0035	.0274	.4479	.0957
cookwood Wood for cooking	.8486	.8445	.8413	.8312	.4703	.7672
cookcrop Agricultural crop for cooking	.0000	.0008	.0025	.0033	.0016	.0016
cooknone Does not cook	.0029	.0028	.0117	.0115	.0317	.0121
cookoth Other fuel for cooking	.0000	.0000	.0019	.0018	.0047	.0017
landarea	2.6070	2.3316	2.6390	2.1535	1.7881	2.3038