

Common

Descriptive Statistics

	Std.		Analysis N ^a	Missing N
	Mean	Deviation ^a		
Electricity	.150	.357	9623	3
Paraffin lamp	.449	.497	9623	9
Radio	.612	.487	9623	5
Television	.128	.334	9623	9
Mobile telephone	.473	.499	9623	5
Telephone (non-mobile)	.011	.105	9623	9
Iron	.250	.433	9623	9
Refrigerator	.068	.251	9623	16
Watch	.328	.469	9623	7
Bicycle	.459	.498	9623	8
Motorcycle or Scooter	.037	.187	9623	19
Car or Truck	.019	.136	9623	17
Bank account	.122	.327	9623	17
Agricultural land owned for farming	3.794	38.8192	9623	27
Agricultural land owned for grazing	.168	2.1562	9623	123
Agricultural land used for farming	.966	36.7822	9623	14
Agricultural land used for grazing	175.441	1305.9700	9623	67
Number of members per sleeping room	.3133	.53444	9623	1
Piped into dwelling	.0646	.24590	9623	0
Piped into yard/plot	.0474	.21248	9623	0
Communal tap	.1878	.39056	9623	0
Neighbors tap	.0882	.28364	9623	0
Open well in dwelling	.0023	.04776	9623	0
Open well in yard/plot	.0095	.09679	9623	0
Open well in community	.2035	.40260	9623	0
Open well of neighbor	.0185	.13475	9623	0
Borehole/covered well in dwelling	.0029	.05387	9623	0
Borehole/covered well in yard/plot	.0037	.06105	9623	0
Borehole/covered well in community	.1059	.30772	9623	0
Borehole/covered well of neighbor	.0161	.12589	9623	0
Spring	.0644	.24553	9623	0
Surface water-river, lake, dam, etc.	.1404	.34741	9623	0
Water from rain	.0074	.08558	9623	0
Water from tanker truck	.0088	.09357	9623	0
Water from vendor	.0081	.08967	9623	0
Water from bottle	.0039	.06272	9623	0
Flush toilet to sewer	.0053	.07261	9623	0

Component Score Coefficient Matrix

	Component
	1.00000
Electricity	0.08600
Paraffin lamp	0.04900
Radio	0.04100
Television	0.08100
Mobile telephone	0.06500
Telephone (non-mobile)	0.02900
Iron	0.06500
Refrigerator	0.06700
Watch	0.04300
Bicycle	0.00300
Motorcycle or Scooter	0.03300
Car or Truck	0.03500
Bank account	0.06400
Agricultural land owned for farming	0.00100
Agricultural land owned for grazing	-0.00400
Agricultural land used for farming	0.00300
Agricultural land used for grazing	-0.01000
Number of members per sleeping room	-0.00100
Piped into dwelling	0.04600
Piped into yard/plot	0.02700
Communal tap	-0.00500
Neighbors tap	0.02200
Open well in dwelling	0.00000
Open well in yard/plot	-0.00100
Open well in community	-0.02600
Open well of neighbor	0.00000
Borehole/covered well in dwelling	0.00800
Borehole/covered well in yard/plot	0.00400
Borehole/covered well in community	-0.01000
Borehole/covered well of neighbor	0.01200
Spring	-0.01000
Surface water-river, lake, dam, etc.	-0.02600
Water from rain	0.00200
Water from tanker truck	0.00900
Water from vendor	0.01300
Water from bottle	0.01400
Flush toilet to sewer	0.01700

Sum over each variable

	If has	If does not have
Electricity	0.204575466	-0.036160434
Paraffin lamp	0.054254468	-0.044291245
Radio	0.032646735	-0.051512015
Television	0.211365505	-0.031066846
Mobile telephone	0.068671819	-0.061550097
Telephone (non-mobile)	0.272185912	-0.003092371
Iron	0.112770893	-0.037496517
Refrigerator	0.249113214	-0.018048055
Watch	0.061582738	-0.030043381
Bicycle	0.003256984	-0.002765305
Motorcycle or Scooter	0.169593133	-0.006433285
Car or Truck	0.252064319	-0.004867965
Bank account	0.171744724	-0.023889074
Agricultural land owned for farming	-7.19862E-05	-9.77466E-05
Agricultural land owned for grazing	-0.001543029	0.000312066
Agricultural land used for farming	2.80359E-06	-7.87576E-05
Agricultural land used for grazing	0.001335718	0.001343375
Number of members per sleeping room		
Piped into dwelling	0.174978808	-0.012091636
Piped into yard/plot	0.121052118	-0.006021574
Communal tap	-0.010398259	0.002403999
Neighbors tap	0.070720461	-0.006843136
Open well in dwelling	0	0
Open well in yard/plot	-0.010234079	9.77026E-05
Open well in community	-0.051439948	0.013140172
Open well of neighbor	0	0
Borehole/covered well in dwelling	0.14808494	-0.000432139
Borehole/covered well in yard/plot	0.065272093	-0.000245102
Borehole/covered well in community	-0.029056315	0.003441235
Borehole/covered well of neighbor	0.093782532	-0.001535308
Spring	-0.038104408	0.002624096
Surface water-river, lake, dam, etc.	-0.064332195	0.010506866
Water from rain	0.023196658	-0.000172421
Water from tanker truck	0.095332095	-0.000849573
Water from vendor	0.143800849	-0.001175114
Water from bottle	0.22233597	-0.000881457
Flush toilet to sewer	0.232885587	-0.001240824

Flush toilet to septic tank	.0130	.11324	9623	0	Flush toilet to septic tank	0.02900	0.25277639	-0.003326705
Flush toilet to pit latrine	.0748	.26312	9623	0	Flush toilet to pit latrine	0.04900	0.172296102	-0.013933864
Flush toilet to elsewhere	.0076	.08677	9623	0	Flush toilet to elsewhere	0.01500	0.171557199	-0.001311138
Traditional pit latrine	.5665	.49559	9623	0	Traditional pit latrine	-0.03000	-0.026244164	0.034289775
Pit latrine with slab	.1378	.34470	9623	0	Pit latrine with slab	0.01400	0.035018235	-0.005596502
VIP latrine	.0234	.15112	9623	0	VIP latrine	0.02400	0.155101192	-0.003713319
Composting toilet/ecosan	.0002	.01442	9623	0	Composting toilet/ecosan	0.00100	0.069354164	-1.44172E-05
No facility/bush/field	.1686	.37438	9623	0	No facility/bush/field	-0.03300	-0.07328888	0.014857463
Other type of latrine/toilet	.0026	.05091	9623	0	Other type of latrine/toilet	-0.00300	-0.058778575	0.000153101
Shares latrine/toilet with other households	.2328	.42262	9623	0	Shares latrine/toilet with other households	0.02300	0.041753962	-0.01266814
Earth, sand, dung floor	.6581	.47437	9623	0	Earth, sand, dung floor	-0.08700	-0.062703227	0.120698947
Rudimentary wood plank, bamboo floor	.0005	.02279	9623	0	Rudimentary wood plank, bamboo floor	-0.00100	-0.043856586	2.27992E-05
Cement floor	.3236	.46787	9623	0	Cement floor	0.08100	0.117100914	-0.056022775
Vinyl, asphalt strip floor	.0002	.01442	9623	0	Vinyl, asphalt strip floor	0.00400	0.277416657	-5.7669E-05
Ceramic tile floor	.0089	.09412	9623	0	Ceramic tile floor	0.02600	0.273783611	-0.002468847
Carpeted floor	.0045	.06670	9623	0	Carpeted floor	0.01500	0.22388099	-0.001004894
Polished wood floor	.0002	.01442	9623	0	Polished wood floor	0.00100	0.069354164	-1.44172E-05
Other type of flooring	.0035	.05934	9623	0	Other type of flooring	-0.00200	-0.033585717	0.000119086
Grass/thatch/mud walls	.0070	.08315	9623	0	Grass/thatch/mud walls	-0.00700	-0.083594199	0.000586104
Poles and mud walls	.3171	.46535	9623	0	Poles and mud walls	-0.03900	-0.057236058	0.026571396
Sundried brick walls	.2254	.41787	9623	0	Sundried brick walls	-0.02600	-0.048196522	0.014024451
Baked brick walls	.1980	.39848	9623	0	Baked brick walls	0.00900	0.018114437	-0.004471107
Timber, wood walls	.0114	.10631	9623	0	Timber, wood walls	-0.00400	-0.037196308	0.000430106
Cement block walls	.1774	.38202	9623	0	Cement block walls	0.06700	0.144274098	-0.031111153
Stone walls	.0391	.19378	9623	0	Stone walls	0.01200	0.059506607	-0.002419648
Other type of walls	.0246	.15500	9623	0	Other type of walls	-0.00900	-0.056635149	0.001430059
Grass/thatch/mud roof	.3962	.48914	9623	0	Grass/thatch/mud roof	-0.06600	-0.081465932	0.053464647
Iron sheet roof	.5900	.49185	9623	0	Iron sheet roof	0.06100	0.050843224	-0.073178156
Asbestos roof	.0031	.05575	9623	0	Asbestos roof	0.00500	0.089405458	-0.000279596
Tile roof	.0070	.08315	9623	0	Tile roof	0.01200	0.143304342	-0.00100475
Concrete roof	.0031	.05575	9623	0	Concrete roof	0.01600	0.286097466	-0.000894707
Other type of roof	.0004	.02038	9623	0	Other type of roof	-0.00100	-0.049035702	2.03912E-05
Electricity for cooking	.0067	.08128	9623	0	Electricity for cooking	0.02200	0.268853911	-0.001800047
LPG, natural gas for cooking	.0026	.05091	9623	0	LPG, natural gas for cooking	0.01600	0.313485736	-0.000816539
Kerosene for cooking	.0206	.14197	9623	0	Kerosene for cooking	0.02100	0.144878791	-0.003043607
Charcoal for cooking	.1766	.38131	9623	0	Charcoal for cooking	0.06600	0.142526924	-0.03055947
Wood, straw for cooking	.7842	.41142	9623	0	Wood, straw for cooking	-0.07700	-0.040395037	0.146760205
Does not cook	.0087	.09303	9623	0	Does not cook	0.00800	0.085247019	-0.000750681
Other fuel for cooking	.0004	.02038	9623	0	Other fuel for cooking	0.00200	0.098071405	-4.07824E-05
Electricity for lighting	.1457	.35282	9623	0	Electricity for lighting	0.08600	0.208240022	-0.035513017
Solar electricity for lighting	.0037	.06105	9623	0	Solar electricity for lighting	0.00500	0.081590116	-0.000306378
Gas for lighting	.0003	.01765	9623	0	Gas for lighting	0.00500	0.283122475	-8.82918E-05
Paraffin-hurricane lamp	.2394	.42676	9623	0	Paraffin-hurricane lamp	0.01500	0.026733347	-0.00841558

Pariffin-pressure lamp	.0092	.09573	9623	0
Wick lamp for lighting	.5328	.49895	9623	0
Candles for lighting	.0047	.06823	9623	0
Firewood for lighting	.0153	.12265	9623	0
Other type of lighting	.0486	.21511	9623	0
Rents land for farming	.0975	.29662	9623	0
Sharecrops land for farming	.0141	.11804	9623	0
Free use of private land for farming	.0888	.28454	9623	0
Open access/communal land for farming	.0374	.18978	9623	0
No unowned land for farming	.7607	.42669	9623	0

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

Pariffin-pressure lamp	-0.00500	-0.051747576	0.000483064
Wick lamp for lighting	-0.06600	-0.061802047	0.070475778
Candles for lighting	0.00500	0.072942156	-0.000342702
Firewood for lighting	-0.01	-0.080284423	0.001245442
Other type of lighting	-0.01400	-0.061917258	0.003165186
Rents land for farming	-0.00500	-0.015213563	0.0016431
Sharecrops land for farming	0.00500	0.041758264	-0.000598622
Free use of private land for farming	-0.00300	-0.009606516	0.000936767
Open access/communal land for farming	-0.00700	-0.035505862	0.00137991
No unowned land for farming	0.00700	0.00392615	-0.012479122

Extraction Method: Principal Component Analysis.

Urban

Descriptive Statistics

	Std.		Analysis N ^a	Missing N
	Mean	Deviation ^a		
Electricity	.4778	0.49928	2209	3
Paraffin lamp	.6698	0.46995	2209	4
Radio	.7452	0.43553	2209	3
Television	.4101	0.49173	2209	2
Mobile telephone	.7816	0.41306	2209	2
Telephone (non-mobile)	.0395	0.19454	2209	4
Iron	.5034	0.49965	2209	4
Refrigerator	.2302	0.42042	2209	7
Watch	.4869	0.49983	2209	1
Bicycle	.3791	0.48516	2209	1
Motorcycle or Scooter	.0698	0.25471	2209	3
Car or Truck	.0562	0.23022	2209	3
Bank account	.3181	0.46562	2209	2
Agricultural land owned for farming	4.0057	77.43259	2209	9
Agricultural land owned for grazing	.0205	0.46214	2209	11
If HH has unrelated domestic servant	.0077	0.08741	2209	0
If woman respondent owns a house by self or jointly	.2028	0.40218	2209	0
If woman respondent own agricultural land by self or jointly	.1910	0.39321	2209	0
Number of members per sleeping room	.4065	0.59090	2209	0
Piped into dwelling	.1612	0.36776	2209	0
Piped into yard/plot	.1073	0.30955	2209	0
Communal tap	.1394	0.34647	2209	0
Neighbors tap	.2236	0.41677	2209	0
Open well in dwelling	.0014	0.03684	2209	0
Open well in yard/plot	.0068	0.08214	2209	0
Open well in community	.0847	0.27843	2209	0
Open well of neighbor	.0231	0.15022	2209	0
Borehole/covered well in dwelling	.0100	0.09932	2209	0
Borehole/covered well in yard/plot	.0068	0.08214	2209	0
Borehole/covered well in community	.0742	0.26222	2209	0
Borehole/covered well of neighbor	.0416	0.19983	2209	0
Spring	.0299	0.17029	2209	0
Surface water-river, lake, dam, etc.	.0181	0.13337	2209	0
Water from rain	.0072	0.08482	2209	0
Water from tanker truck	.0222	0.14731	2209	0
Water from vendor	.0226	0.14877	2209	0

Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
Electricity	0.10678	0.111687523	-0.102186327
Paraffin lamp	0.02546	0.017885427	-0.03628678
Radio	0.05440	0.031819028	-0.09307915
Television	0.10206	0.122442207	-0.085107679
Mobile telephone	0.07475	0.039521404	-0.141440711
Telephone (non-mobile)	0.03925	0.193772922	-0.007959511
Iron	0.07946	0.078979816	-0.080061731
Refrigerator	0.08542	0.156398586	-0.04678117
Watch	0.06170	0.063337528	-0.060095183
Bicycle	0.01352	0.017298116	-0.010560557
Motorcycle or Scooter	0.04039	0.147497319	-0.011069487
Car or Truck	0.04654	0.190795291	-0.011363408
Bank account	0.07464	0.10930894	-0.050986629
Agricultural land owned for farming	0.00084		
Agricultural land owned for grazing	0.00292		
If HH has unrelated domestic servant	0.02018	0.229087489	-0.001776682
If woman respondent owns a house by self or jointly	-0.00631	-0.012505431	0.003181393
If woman respondent own agricultural land by self or jointly	-0.00514	-0.010574	0.00249705
Number of members per sleeping room	-0.01655		
Piped into dwelling	0.04762	0.108612956	-0.020866817
Piped into yard/plot	0.01951	0.056268406	-0.006762481
Communal tap	-0.01329	-0.03301846	0.005349651
Neighbors tap	-0.00591	-0.011008332	0.003170913
Open well in dwelling	-0.00283	-0.076595523	0.000104164
Open well in yard/plot	0.00133	0.016054115	-0.000109759
Open well in community	-0.04111	-0.1351578	0.012499757
Open well of neighbor	-0.00326	-0.021221689	0.000501532
Borehole/covered well in dwelling	0.00950	0.094671634	-0.000952344
Borehole/covered well in yard/plot	0.00413	0.049983258	-0.000341727
Borehole/covered well in community	-0.01492	-0.052662627	0.004223311
Borehole/covered well of neighbor	0.00784	0.037616448	-0.001634725
Spring	-0.02040	-0.116202935	0.003578812
Surface water-river, lake, dam, etc.	-0.02447	-0.180185368	0.003322921
Water from rain	-0.00052	-0.006051893	4.41543E-05
Water from tanker truck	0.00120	0.007936074	-0.000180031
Water from vendor	0.01019	0.066941753	-0.001550295

Water from bottle	.0158	0.12490	2209	0	Water from bottle	0.01514	0.119269641	-0.001920164
Flush toilet to sewer	.0190	0.13660	2209	0	Flush toilet to sewer	0.02120	0.15221352	-0.002950147
Flush toilet to septic tank	.0512	0.22036	2209	0	Flush toilet to septic tank	0.03495	0.150504514	-0.008114032
Flush toilet to pit latrine	.2395	0.42686	2209	0	Flush toilet to pit latrine	0.04359	0.077665429	-0.024455364
Flush toilet to elsewhere	.0231	0.15022	2209	0	Flush toilet to elsewhere	0.00946	0.061525234	-0.001454025
Traditional pit latrine	.4156	0.49293	2209	0	Traditional pit latrine	-0.05685	-0.067403697	0.047929197
Pit latrine with slab	.1517	0.35876	2209	0	Pit latrine with slab	0.00069	0.001622529	-0.000290047
VIP latrine	.0643	0.24531	2209	0	VIP latrine	0.01348	0.051413271	-0.00353202
Composting toilet/ecosan	.0009	0.03008	2209	0	Composting toilet/ecosan	-0.00366	-0.121442574	0.000110052
No facility/bush/field	.0340	0.18115	2209	0	No facility/bush/field	-0.03342	-0.178203756	0.006263019
Shares latrine/toilet with other households	.4685	0.49912	2209	0	Shares latrine/toilet with other households	-0.00797	-0.008487473	0.007482567
Earth, sand, dung floor	.2155	0.41125	2209	0	Earth, sand, dung floor	-0.08932	-0.170390243	0.046800782
Rudimentary wood plank, bamboo floor	.0005	0.02128	2209	0	Rudimentary wood plank, bamboo floor	-0.00283	-0.133144397	6.03009E-05
Cement floor	.7306	0.44372	2209	0	Cement floor	0.06417	0.038953843	-0.105666392
Vinyl, asphalt strip floor	.0005	0.02128	2209	0	Vinyl, asphalt strip floor	0.00511	0.239917605	-0.000108658
Ceramic tile floor	.0340	0.18115	2209	0	Ceramic tile floor	0.03416	0.182193769	-0.006403249
Carpeted floor	.0181	0.13337	2209	0	Carpeted floor	0.01600	0.117759721	-0.002171687
Other type of flooring	.0005	0.02128	2209	0	Other type of flooring	-0.00329	-0.154424185	6.99385E-05
Grass/thatch/mud walls	.0014	0.03684	2209	0	Grass/thatch/mud walls	-0.00548	-0.148589065	0.00020207
Poles and mud walls	.1159	0.32016	2209	0	Poles and mud walls	-0.04116	-0.113658847	0.014898446
Sundried brick walls	.1566	0.36354	2209	0	Sundried brick walls	-0.05047	-0.117088404	0.021745887
Baked brick walls	.1951	0.39638	2209	0	Baked brick walls	0.00117	0.002375919	-0.00057594
Timber, wood walls	.0023	0.04753	2209	0	Timber, wood walls	-0.00571	-0.119911892	0.000272032
Cement block walls	.4821	0.49979	2209	0	Cement block walls	0.06181	0.064045857	-0.05962311
Stone walls	.0398	0.19562	2209	0	Stone walls	0.00907	0.044531286	-0.001847597
Other type of walls	.0063	0.07938	2209	0	Other type of walls	-0.01372	-0.171715315	0.001095223
Grass/thatch/mud roof	.0724	0.25926	2209	0	Grass/thatch/mud roof	-0.06157	-0.220299969	0.017202535
Iron sheet roof	.8909	0.31183	2209	0	Iron sheet roof	0.03507	0.012268856	-0.100187172
Asbestos roof	.0068	0.08214	2209	0	Asbestos roof	0.00209	0.025279851	-0.000172834
Tile roof	.0158	0.12490	2209	0	Tile roof	0.01961	0.154549679	-0.00248815
Concrete roof	.0136	0.11577	2209	0	Concrete roof	0.02115	0.180248939	-0.002481628
Electricity for cooking	.0249	0.15585	2209	0	Electricity for cooking	0.02726	0.170585491	-0.004355711
LPG, natural gas for cooking	.0100	0.09932	2209	0	LPG, natural gas for cooking	0.02204	0.219746806	-0.00221053
Kerosene for cooking	.0788	0.26944	2209	0	Kerosene for cooking	0.00593	0.020271206	-0.001733263
Charcoal for cooking	.5785	0.49390	2209	0	Charcoal for cooking	0.04599	0.039245507	-0.053872994
Wood, straw for cooking	.2834	0.45074	2209	0	Wood, straw for cooking	-0.06767	-0.107589682	0.04254652
Does not cook	.0235	0.15165	2209	0	Does not cook	-0.00093	-0.006007678	0.00014483
Other fuel for cooking	.0009	0.03008	2209	0	Other fuel for cooking	-0.00355	-0.118019298	0.00010695
Electricity for lighting	.4703	0.49923	2209	0	Electricity for lighting	0.10627	0.112741866	-0.100118631
Solar electricity for lighting	.0009	0.03008	2209	0	Solar electricity for lighting	-0.00011	-0.003526544	3.19578E-06
Gas for lighting	.0014	0.03684	2209	0	Gas for lighting	0.00621	0.168323541	-0.000228908
Paraffin-hurricane lamp	.3096	0.46245	2209	0	Paraffin-hurricane lamp	-0.04391	-0.065551256	0.02940135
Paraffin-pressure lamp	.0059	0.07651	2209	0	Paraffin-pressure lamp	-0.01235	-0.160445948	0.000949817

Wick lamp for lighting	.1856	0.38888	2209	0
Candles for lighting	.0149	0.12134	2209	0
Firewood for lighting	.0018	0.04252	2209	0
Other type of lighting	.0095	0.09706	2209	0

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

Wick lamp for lighting	-0.07854	-0.164482308	0.03748624
Candles for lighting	-0.00667	-0.054153977	0.000821269
Firewood for lighting	-0.00069	-0.016087059	2.91829E-05
Other type of lighting	-0.00665	-0.067842081	0.000651135

Extraction Method: Principal Component Analysis.

Rural

Descriptive Statistics

	Std.		Analysis	
	Mean	Deviation ^a	N ^a	Missing N
Electricity	.0527	0.22353	7414	0
Paraffin lamp	.3839	0.48619	7414	5
Radio	.5725	0.49469	7414	2
Television	.0441	0.20534	7414	7
Mobile telephone	.3807	0.48548	7414	3
Telephone (non-mobile)	.0028	0.05315	7414	5
Iron	.1740	0.37899	7414	5
Refrigerator	.0192	0.13707	7414	9
Watch	.2805	0.44910	7414	6
Bicycle	.4831	0.49951	7414	7
Motorcycle or Scooter	.0266	0.16083	7414	16
Car or Truck	.0078	0.08811	7414	14
Bank account	.0637	0.24391	7414	15
Agricultural land owned for farming	3.7316	13.04159	7414	18
Agricultural land owned for grazing	.2127	2.44187	7414	112
Agricultural land used for farming	.4897	1.69683	7414	12
Agricultural land used for grazing	.0774	1.49984	7414	227
Number of members per sleeping room	.2856	0.51320	7414	1
If HH has unrelated domestic servant	.0007	0.02596	7414	0
If woman respondent owns a house by self or jointly	.3499	0.47696	7414	0
If woman respondent own agricultural land by self or jointly	.3465	0.47589	7414	0
Piped into dwelling	.0359	0.18600	7414	0
Piped into yard/plot	.0295	0.16932	7414	0
Communal tap	.2022	0.40166	7414	0
Neighbors tap	.0479	0.21353	7414	0
Open well in dwelling	.0026	0.05056	7414	0
Open well in yard/plot	.0103	0.10073	7414	0
Open well in community	.2389	0.42642	7414	0
Open well of neighbor	.0171	0.12976	7414	0
Borehole/covered well in dwelling	.0008	0.02844	7414	0
Borehole/covered well in yard/plot	.0028	0.05315	7414	0
Borehole/covered well in community	.1153	0.31943	7414	0
Borehole/covered well of neighbor	.0085	0.09180	7414	0
Spring	.0747	0.26296	7414	0
Surface water-river, lake, dam, etc.	.1768	0.38155	7414	0
Water from rain	.0074	0.08582	7414	0
Water from tanker truck	.0049	0.06952	7414	0
Water from vendor	.0038	0.06134	7414	0

Component Score Coefficient Matrix

	Component	Sum over each variable	
	1	If has	If does not have
Electricity	0.09903	0.419669673	-0.023364779
Paraffin lamp	0.07008	0.0888051	-0.055325674
Radio	0.05290	0.045722823	-0.061218661
Television	0.08939	0.416097399	-0.019218058
Mobile telephone	0.07614	0.097129328	-0.059695389
Telephone (non-mobile)	0.02015	0.377989707	-0.001074416
Iron	0.07124	0.155268956	-0.03270289
Refrigerator	0.07541	0.539609513	-0.010549986
Watch	0.04647	0.074443659	-0.02902325
Bicycle	0.02154	0.022292097	-0.020830797
Motorcycle or Scooter	0.04841	0.292987244	-0.008015343
Car or Truck	0.03912	0.440481981	-0.0034797
Bank account	0.06975	0.267763079	-0.01820387
Agricultural land owned for farming	-0.00165		
Agricultural land owned for grazing	-0.00228		
Agricultural land used for farming	0.00909		
Agricultural land used for grazing	-0.00044		
Number of members per sleeping room	-0.01719		
If HH has unrelated domestic servant	0.01195	0.45996293	-0.000310408
If woman respondent owns a house by self or jointly	-0.02205	-0.03005081	0.016172575
If woman respondent own agricultural land by self or jointly	-0.01884	-0.02587066	0.013717588
Piped into dwelling	0.06259	0.324453313	-0.012073948
Piped into yard/plot	0.03321	0.190323617	-0.005793033
Communal tap	0.00569	0.011298694	-0.002863355
Neighbors tap	0.01109	0.049465211	-0.002487626
Open well in dwelling	0.00296	0.058350154	-0.000149919
Open well in yard/plot	-0.00111	-0.01093098	0.000113213
Open well in community	-0.02108	-0.03761888	0.011806317
Open well of neighbor	-0.00320	-0.02420117	0.000421785
Borehole/covered well in dwelling	-0.00091	-0.03201508	2.59301E-05
Borehole/covered well in yard/plot	0.00393	0.073640429	-0.000209177
Borehole/covered well in community	-0.01014	-0.02809336	0.003662117
Borehole/covered well of neighbor	0.00222	0.024026109	-0.00020591
Spring	-0.00385	-0.01352999	0.001092656
Surface water-river, lake, dam, etc.	-0.02483	-0.05357627	0.011508847
Water from rain	0.00614	0.071024863	-0.000530829
Water from tanker truck	0.01002	0.143409214	-0.000699747
Water from vendor	0.01145	0.185922581	-0.000704824

Water from bottle	.0004	0.02011	7414	0
Flush toilet to sewer	.0012	0.03482	7414	0
Flush toilet to septic tank	.0016	0.04020	7414	0
Flush toilet to pit latrine	.0258	0.15844	7414	0
Flush toilet to elsewhere	.0030	0.05440	7414	0
Traditional pit latrine	.6114	0.48746	7414	0
Pit latrine with slab	.1337	0.34032	7414	0
VIP latrine	.0112	0.10522	7414	0
No facility/bush/field	.2087	0.40638	7414	0
Other type of latrine/toilet	.0034	0.05797	7414	0
Shares latrine/toilet with other households	.1625	0.36896	7414	0
Earth, sand, dung floor	.7900	0.40734	7414	0
Rudimentary wood plank, bamboo floor	.0005	0.02322	7414	0
Cement floor	.2023	0.40176	7414	0
Vinyl, asphalt strip floor	.0001	0.01161	7414	0
Ceramic tile floor	.0015	0.03849	7414	0
Carpeted floor	.0004	0.02011	7414	0
Polished wood floor	.0003	0.01642	7414	0
Other type of flooring	.0045	0.06657	7414	0
Grass/thatch/mud walls	.0086	0.09251	7414	0
Poles and mud walls	.3770	0.48466	7414	0
Sundried brick walls	.2459	0.43064	7414	0
Baked brick walls	.1988	0.39913	7414	0
Timber, wood walls	.0142	0.11817	7414	0
Cement block walls	.0866	0.28126	7414	0
Stone walls	.0388	0.19324	7414	0
Other type of walls	.0301	0.17081	7414	0
Grass/thatch/mud roof	.4927	0.49998	7414	0
Iron sheet roof	.5004	0.50003	7414	0
Asbestos roof	.0020	0.04494	7414	0
Tile roof	.0043	0.06556	7414	0
Other type of roof	.0005	0.02322	7414	0
Electricity for cooking	.0012	0.03482	7414	0
LPG, natural gas for cooking	.0004	0.02011	7414	0
Kerosene for cooking	.0032	0.05681	7414	0
Charcoal for cooking	.0568	0.23145	7414	0
Wood, straw for cooking	.9334	0.24940	7414	0
Does not cook	.0043	0.06556	7414	0
Other fuel for cooking	.0003	0.01642	7414	0
Electricity for lighting	.0490	0.21580	7414	0
Solar electricity for lighting	.0046	0.06757	7414	0
Paraffin-hurricane lamp	.2185	0.41326	7414	0
Paraffin-pressure lamp	.0103	0.10073	7414	0
Wick lamp for lighting	.6362	0.48112	7414	0
Candles for lighting	.0016	0.04020	7414	0
Firewood for lighting	.0193	0.13754	7414	0

Water from bottle	0.00602	0.299375539	-0.000121188
Flush toilet to sewer	0.01041	0.298498477	-0.000362794
Flush toilet to septic tank	0.02049	0.508838965	-0.000824921
Flush toilet to pit latrine	0.04937	0.303605976	-0.008028346
Flush toilet to elsewhere	0.01840	0.337262299	-0.001003757
Traditional pit latrine	-0.02368	-0.01887521	0.029698485
Pit latrine with slab	0.03603	0.091718313	-0.014151152
VIP latrine	0.03521	0.330860984	-0.003745937
No facility/bush/field	-0.03520	-0.06854754	0.018074493
Other type of latrine/toilet	-0.00245	-0.04217069	0.000142681
Shares latrine/toilet with other households	0.00212	0.004822264	-0.000935872
Earth, sand, dung floor	-0.10877	-0.05607682	0.210945356
Rudimentary wood plank, bamboo floor	-0.00141	-0.06076118	3.27996E-05
Cement floor	0.10802	0.214467144	-0.054396469
Vinyl, asphalt strip floor	0.00514	0.442803522	-5.97334E-05
Ceramic tile floor	0.01782	0.462160052	-0.000686716
Carpeted floor	0.00591	0.29360852	-0.000118854
Polished wood floor	0.00346	0.210622391	-5.68328E-05
Other type of flooring	0.00050	0.007542446	-3.37218E-05
Grass/thatch/mud walls	-0.00897	-0.09616912	0.000837391
Poles and mud walls	-0.04052	-0.05208908	0.031519586
Sundried brick walls	-0.02931	-0.05132879	0.016736253
Baked brick walls	0.02205	0.044267054	-0.010984787
Timber, wood walls	-0.00182	-0.0152064	0.000218453
Cement block walls	0.07256	0.23565364	-0.022340466
Stone walls	0.02795	0.139022428	-0.005618644
Other type of walls	-0.00763	-0.04334026	0.001344024
Grass/thatch/mud roof	-0.08238	-0.08358031	0.081180242
Iron sheet roof	0.08099	0.08091955	-0.081050629
Asbestos roof	0.00691	0.153472873	-0.000311136
Tile roof	0.00604	0.091682958	-0.000397434
Other type of roof	-0.00075	-0.03214675	1.73532E-05
Electricity for cooking	0.01993	0.571522416	-0.000694625
LPG, natural gas for cooking	0.01172	0.582659562	-0.000235863
Kerosene for cooking	0.01221	0.214259799	-0.000695837
Charcoal for cooking	0.05654	0.230406058	-0.01387115
Wood, straw for cooking	-0.06077	-0.01623455	0.227415094
Does not cook	0.00487	0.074020526	-0.000320869
Other fuel for cooking	0.00679	0.413305957	-0.000111523
Electricity for lighting	0.09877	0.435297176	-0.022409995
Solar electricity for lighting	0.01494	0.220044926	-0.001013757
Paraffin-hurricane lamp	0.04343	0.082135865	-0.022965154
Paraffin-pressure lamp	-0.00420	-0.0412704	0.000427439
Wick lamp for lighting	-0.07219	-0.05458616	0.095470119
Candles for lighting	0.00233	0.057956172	-9.39576E-05
Firewood for lighting	-0.01308	-0.09322955	0.001833561

Other type of lighting	.0603	0.23804	7414	0
Rents land for farming	.1040	0.30527	7414	0
Sharecrops land for farming	.0134	0.11479	7414	0
Free use of private land for farming	.0978	0.29705	7414	0
Open access/communal land for farming	.0452	0.20772	7414	0
No unowned land for farming	.7379	0.43979	7414	0

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

Other type of lighting	-0.01431	-0.05650107	0.003625087
Rents land for farming	0.00189	0.005535674	-0.000642481
Sharecrops land for farming	0.00717	0.061668693	-0.000834614
Free use of private land for farming	0.01351	0.041041918	-0.004448406
Open access/communal land for farming	0.00114	0.005244987	-0.000248209
No unowned land for farming	-0.01271	-0.00757233	0.021321776

Extraction Method: Principal Component Analysis.

Combined Scores

Urban Area

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	1.170	.002		486.975	.000
	REGR factor score 1 for analysis	1.028	.002	.994	427.827	.000

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

$$\text{Combined Score} = 1.170 + 1.028 * \text{Urban Score}$$

Rural

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-.349	.001		-484.269	.000
	REGR factor score 1 for analysis 2	.668	.001	.996	927.557	.000

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

$$\text{Combined Score} = -0.349 + 0.668 * \text{Rural Score}$$

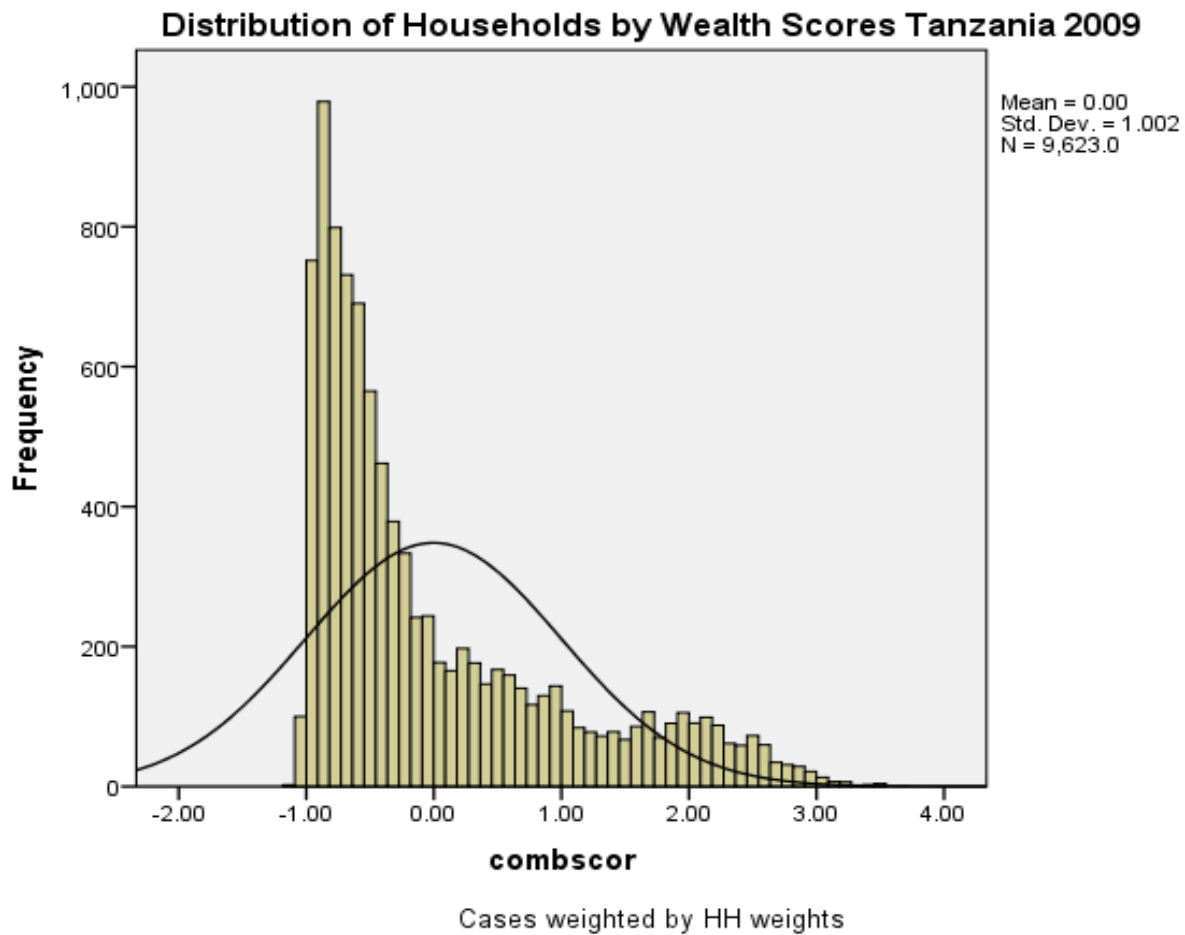
Combined Score

Statistics

combscor		
N	Valid	9623
	Missing	0
Mean		-.0029
Std. Error of Mean		.01021
Median		-.4213
Mode		-.75
Std. Deviation		1.00203
Skewness		1.238
Std. Error of Skewness		.025
Kurtosis		.534
Std. Error of Kurtosis		.050
Minimum		-1.10
Maximum		3.50

Percentiles	20	-0.8076
	40	-0.5776
	60	-0.1884
	80	0.7960

histrogram



Report

Statistics=Mean

	Percentile Group of combscor					Total
	1	2	3	4	5	
Electricity	.000	.000	.002	.018	.722	.148
Paraffin lamp	.039	.195	.503	.777	.710	.444
Radio	.228	.496	.677	.743	.875	.603
Television	.000	.000	.005	.026	.628	.131
Mobile telephone	.035	.217	.407	.698	.948	.460
Telephone (non-mobile)	.000	.001	.003	.001	.050	.011
Iron	.004	.054	.184	.400	.714	.270
Refrigerator	.000	.000	.000	.000	.300	.060
Watch	.085	.219	.342	.376	.633	.331
Bicycle	.292	.448	.554	.483	.391	.434
Motorcycle or Scooter	.000	.001	.008	.044	.101	.031
Car or Truck	.000	.000	.001	.004	.087	.018

Bank account	.000	.004	.025	.125	.568	.144
Agricultural land owned for farming	3.207	3.940	4.795	3.856	7.438	4.644
Agricultural land owned for grazing	.195	.379	.140	.119	.061	.178
Agricultural land used for farming	.250	.457	.678	.544	.389	.464
Agricultural land used for grazing	.062	.135	.101	.080	.003	.076
Number of members per sleeping room	.442	.296	.237	.353	.386	.343
If HH has unrelated domestic servant	.000	.000	.000	.001	.013	.003
If woman respondent owns a house by self or jointly	.461	.419	.375	.300	.225	.356
If woman respondent own agricultural land by self or jointly	.451	.407	.369	.313	.218	.352
Piped into dwelling	.000	.000	.001	.014	.130	.029
Piped into yard/plot	.000	.001	.014	.047	.195	.051
Communal tap	.108	.136	.184	.212	.114	.151
Neighbors tap	.013	.027	.066	.175	.219	.100
Open well in dwelling	.001	.004	.001	.004	.005	.003
Open well in yard/plot	.008	.013	.007	.008	.007	.009
Open well in community	.320	.273	.209	.119	.025	.190
Open well of neighbor	.019	.021	.024	.028	.015	.021
Borehole/covered well in dwelling	.001	.001	.000	.003	.009	.003
Borehole/covered well in yard/plot	.000	.001	.003	.009	.007	.004
Borehole/covered well in community	.129	.148	.140	.120	.057	.119
Borehole/covered well of neighbor	.006	.007	.013	.019	.073	.023
Spring	.081	.095	.101	.087	.023	.078
Surface water-river, lake, dam, etc.	.269	.231	.189	.101	.011	.161
Water from rain	.002	.008	.010	.010	.017	.009
Water from tanker truck	.001	.002	.008	.014	.023	.010
Water from vendor	.000	.002	.004	.017	.036	.012
Water from bottle	.000	.000	.000	.005	.029	.007
Flush toilet to sewer	.000	.000	.000	.001	.016	.003
Flush toilet to septic tank	.000	.000	.000	.001	.080	.016
Flush toilet to pit latrine	.000	.001	.006	.063	.321	.078
Flush toilet to elsewhere	.000	.000	.002	.006	.027	.007
Traditional pit latrine	.645	.747	.759	.708	.367	.645
Pit latrine with slab	.018	.053	.110	.146	.105	.086
VIP latrine	.001	.000	.000	.030	.081	.022
Composting toilet/ecosan	.000	.000	.000	.002	.000	.000
No facility/bush/field	.336	.195	.121	.043	.003	.140
Other type of latrine/toilet	.001	.003	.003	.000	.000	.001
Shares latrine/toilet with other households	.172	.178	.213	.383	.503	.289
Earth, sand, dung floor	.999	.994	.952	.399	.017	.674

Rudimentary wood plank, bamboo floor	.001	.000	.001	.001	.000	.000
Cement floor	.000	.000	.032	.589	.901	.303
Vinyl, asphalt strip floor	.000	.000	.000	.000	.001	.000
Ceramic tile floor	.000	.000	.000	.000	.045	.009
Carpeted floor	.000	.000	.000	.003	.036	.008
Polished wood floor	.000	.000	.000	.001	.000	.000
Other type of flooring	.000	.005	.012	.006	.000	.005
Grass/thatch/mud walls	.018	.010	.001	.001	.000	.006
Poles and mud walls	.499	.368	.283	.139	.034	.265
Sundried brick walls	.370	.404	.328	.242	.060	.281
Baked brick walls	.050	.148	.306	.389	.278	.234
Timber, wood walls	.015	.012	.017	.026	.002	.014
Cement block walls	.000	.001	.010	.177	.600	.157
Stone walls	.000	.003	.005	.010	.025	.008
Other type of walls	.048	.056	.050	.015	.001	.034
Grass/thatch/mud roof	.997	.590	.257	.034	.004	.377
Iron sheet roof	.002	.404	.738	.955	.930	.605
Asbestos roof	.000	.001	.002	.007	.008	.004
Tile roof	.001	.004	.002	.004	.022	.006
Concrete roof	.000	.000	.000	.000	.036	.007
Other type of roof	.000	.001	.001	.000	.000	.001
Electricity for cooking	.000	.000	.000	.000	.055	.011
LPG, natural gas for cooking	.000	.000	.000	.000	.014	.003
Kerosene for cooking	.000	.000	.003	.032	.100	.027
Charcoal for cooking	.000	.003	.064	.337	.641	.208
Wood, straw for cooking	1.000	.995	.927	.615	.165	.741
Does not cook	.000	.001	.007	.013	.024	.009
Other fuel for cooking	.000	.000	.000	.001	.001	.000
Electricity for lighting	.000	.000	.000	.012	.706	.143
Gas for lighting	.000	.000	.000	.000	.002	.000
Solar electricity for lighting	.000	.000	.002	.011	.009	.004
Paraffin-hurricane lamp	.001	.062	.302	.649	.257	.254
Paraffin-pressure lamp	.008	.015	.017	.006	.000	.009
Wick lamp for lighting	.832	.796	.615	.268	.009	.505
Candles for lighting	.000	.001	.003	.019	.009	.006
Firewood for lighting	.070	.016	.004	.002	.003	.019
Other type of lighting	.088	.110	.057	.034	.004	.059
Rents land for farming	.094	.141	.159	.146	.091	.126
Sharecrops land for farming	.005	.015	.014	.016	.022	.014
Free use of private land for farming	.039	.067	.067	.069	.034	.055
Open access/communal land for farming	.032	.041	.039	.020	.013	.029
No unowned land for farming	.827	.734	.717	.748	.840	.773