

Manuscript- Knowledge, Attitudes and Practices related to health and well-being in a forest fringe community in southern India

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Supplementary File 3: MCA report and factor loadings for Figure 5

MCA report and factor loadings for Figure 5 (a)

[1] "Caste" "Forest.Divison" "Education_Respondent"

[4] "Acute.illnesses.in.family"

Call:

MCA(X = variables, graph = FALSE)

Eigenvalues

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5	Dim.6	Dim.7	Dim.8	Dim.9
Variance	0.445	0.382	0.359	0.350	0.316	0.302	0.294	0.272	0.250
% of var.	6.590	5.652	5.317	5.185	4.675	4.472	4.354	4.030	3.704
Cumulative % of var.	6.590	12.241	17.559	22.743	27.418	31.889	36.243	40.273	43.976
	Dim.10	Dim.11	Dim.12	Dim.13	Dim.14	Dim.15	Dim.16	Dim.17	Dim.18
Variance	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
% of var.	3.704	3.704	3.704	3.704	3.704	3.704	3.704	3.704	3.704
Cumulative % of var.	47.680	51.384	55.088	58.791	62.495	66.199	69.902	73.606	77.310
	Dim.19	Dim.20	Dim.21	Dim.22	Dim.23	Dim.24	Dim.25	Dim.26	Dim.27
Variance	0.250	0.219	0.211	0.189	0.174	0.164	0.134	0.130	0.059
% of var.	3.704	3.239	3.133	2.806	2.584	2.428	1.986	1.931	0.880
Cumulative % of var.	81.013	84.252	87.385	90.191	92.775	95.202	97.189	99.120	100.000

Individuals (the 10 first)

	Dim.1	ctr	cos2	Dim.2	ctr	cos2	Dim.3	ctr	cos2
1	-0.924	0.946	0.299	0.248	0.080	0.022	0.043	0.003	0.001
2	-0.988	1.080	0.191	0.088	0.010	0.002	-0.009	0.000	0.000
3	-0.751	0.625	0.242	-0.139	0.025	0.008	-0.009	0.000	0.000
4	-0.596	0.393	0.110	0.157	0.032	0.008	-0.369	0.186	0.042
5	-0.491	0.267	0.082	0.236	0.072	0.019	0.094	0.012	0.003

6	0.405 0.181 0.028 -1.923 4.777 0.626 0.580 0.463 0.057
7	0.502 0.279 0.042 -1.576 3.206 0.411 0.527 0.381 0.046
8	0.405 0.181 0.028 -1.923 4.777 0.626 0.580 0.463 0.057
9	0.654 0.474 0.078 -1.747 3.939 0.559 0.140 0.027 0.004
10	0.384 0.163 0.025 -1.707 3.762 0.498 0.245 0.082 0.010

Categories (the 10 first)

	Dim.1	ctr	cos2	v.test	Dim.2	ctr	cos2	v.test	Dim.3	ctr
BC	0.009	0.001	0.000	0.053	0.405	1.484	0.026	2.303	-0.782	5.882
BC (Chetti)	1.177	0.384	0.007	1.177	1.804	1.051	0.016	1.804	1.491	0.763
BC (Vokkalikar)	-1.410	1.100	0.020	-1.999	0.050	0.002	0.000	0.071	-1.731	2.056
General	1.044	1.812	0.033	2.590	-0.214	0.089	0.001	-0.530	-0.581	0.694
MBC	-0.417	1.351	0.028	-2.373	-0.280	0.708	0.013	-1.591	-0.529	2.687
MBC (Chetti)	1.098	1.668	0.030	2.479	1.186	2.270	0.036	2.678	-1.398	3.354
MBC (Gounder)	-1.144	0.362	0.006	-1.144	1.640	0.868	0.013	1.640	1.733	1.031
MBC (Valaiyar)	-1.144	0.362	0.006	-1.144	1.640	0.868	0.013	1.640	1.733	1.031
OBC	0.765	2.266	0.043	2.958	0.338	0.516	0.008	1.307	-0.909	3.971
SC	-0.472	1.356	0.027	-2.338	0.228	0.368	0.006	1.128	0.899	6.107

	cos2	v.test
BC	0.098	-4.448
BC (Chetti)	0.011	1.491
BC (Vokkalikar)	0.030	-2.454
General	0.010	-1.440
MBC	0.045	-3.007
MBC (Chetti)	0.049	-3.158
MBC (Gounder)	0.015	1.733
MBC (Valaiyar)	0.015	1.733
OBC	0.061	-3.517
SC	0.098	4.457

Categorical variables (eta2)

	Dim.1	Dim.2	Dim.3
Caste	0.836	0.657	0.683
Forest.Divison	0.784	0.577	0.011
Education_Respondent	0.070	0.140	0.558
Acute.illnesses.in.family	0.090	0.151	0.184

MCA report and factor loadings for Figure 5 (b)

[1] "Caste" "Forest.Divison"
 [3] "Education_Respondent" "Chronic.illnesses.in.the.family"

Call:

MCA(X = variables, graph = FALSE)

Eigenvalues

	Dim.1	Dim.2	Dim.3	Dim.4	Dim.5	Dim.6	Dim.7	Dim.8	Dim.9
Variance	0.450	0.387	0.373	0.340	0.303	0.301	0.290	0.264	0.250
% of var.	6.668	5.734	5.528	5.036	4.495	4.459	4.299	3.908	3.704
Cumulative % of var.	6.668	12.402	17.929	22.966	27.461	31.919	36.218	40.127	43.830
	Dim.10	Dim.11	Dim.12	Dim.13	Dim.14	Dim.15	Dim.16	Dim.17	Dim.18
Variance	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
% of var.	3.704	3.704	3.704	3.704	3.704	3.704	3.704	3.704	3.704
Cumulative % of var.	47.534	51.238	54.941	58.645	62.349	66.053	69.756	73.460	77.164
	Dim.19	Dim.20	Dim.21	Dim.22	Dim.23	Dim.24	Dim.25	Dim.26	Dim.27
Variance	0.250	0.219	0.204	0.194	0.181	0.166	0.141	0.127	0.060
% of var.	3.704	3.244	3.020	2.870	2.678	2.457	2.095	1.875	0.894
Cumulative % of var.	80.867	84.112	87.132	90.002	92.679	95.136	97.231	99.106	100.000

Individuals (the 10 first)

	Dim.1	ctr	cos2	Dim.2	ctr	cos2	Dim.3	ctr	cos2
1	-1.084	1.287	0.396	0.107	0.015	0.004	-0.094	0.012	0.003
2	-0.975	1.041	0.182	-0.294	0.110	0.017	-0.161	0.034	0.005
3	-0.810	0.717	0.275	-0.152	0.029	0.010	0.042	0.002	0.001
4	-0.599	0.392	0.108	-0.123	0.019	0.005	-0.101	0.013	0.003
5	-0.575	0.361	0.108	0.295	0.111	0.028	-0.248	0.081	0.020
6	0.447	0.219	0.034	0.563	0.403	0.054	1.935	4.942	0.641
7	0.290	0.092	0.014	0.958	1.168	0.150	1.461	2.818	0.350
8	0.447	0.219	0.034	0.563	0.403	0.054	1.935	4.942	0.641
9	0.783	0.671	0.114	0.272	0.094	0.014	1.654	3.610	0.508
10	0.447	0.219	0.034	0.563	0.403	0.054	1.935	4.942	0.641

Categories (the 10 first)

	Dim.1	ctr	cos2	v.test	Dim.2	ctr	cos2	v.test
BC	0.185	0.261	0.005	1.049	-0.815	5.911	0.106	-4.631
BC (Chetti)	1.016	0.283	0.005	1.016	1.433	0.653	0.010	1.433
BC (Vokkalikar)	-1.227	0.823	0.015	-1.739	-0.829	0.437	0.007	-1.175

General		1.488	3.635	0.067	3.691		-1.007	1.937	0.031	-2.498
MBC		-0.046	0.016	0.000	-0.262		-0.665	3.935	0.071	-3.778
MBC (Chetti)		0.883	1.066	0.020	1.993		0.610	0.592	0.009	1.378
MBC (Gounder)		-1.870	0.956	0.017	-1.870		2.550	2.069	0.032	2.550
MBC (Valaiyar)		-1.870	0.956	0.017	-1.870		2.550	2.069	0.032	2.550
OBC		0.993	3.776	0.073	3.840		-0.729	2.365	0.039	-2.818
SC		-0.548	1.807	0.036	-2.715		0.048	0.016	0.000	0.240

	Dim.3	ctr	cos2	v.test
BC	-0.328	0.995	0.017	-1.866
BC (Chetti)	-1.784	1.050	0.016	-1.784
BC (Vokkalikar)	0.824	0.448	0.007	1.168
General	-0.624	0.772	0.012	-1.548
MBC	0.093	0.080	0.001	0.530
MBC (Chetti)	-1.099	1.993	0.031	-2.482
MBC (Gounder)	-1.418	0.664	0.010	-1.418
MBC (Valaiyar)	-1.418	0.664	0.010	-1.418
OBC	-0.497	1.141	0.018	-1.922
SC	-0.325	0.769	0.013	-1.612

Categorical variables (eta2)

	Dim.1	Dim.2	Dim.3
Caste	0.790	0.737	0.638
Forest.Divison	0.728	0.091	0.613
Education_Respondent	0.130	0.447	0.228
Chronic.illnesses.in.the.family	0.153	0.274	0.013