

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 4: MCA report and factor loadings for Figure 8

[1] "Caste" "Forest.Divison" "Education_Respondent"
 [4] "Knowledge.of.risk.factors" "Practices_Healthcare.access" "Risky.behaviours"

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	0.340	0.324	0.276	0.253	0.227	0.221	0.215	0.207	0.197
% of var.	5.995	5.726	4.864	4.463	4.010	3.908	3.800	3.653	3.471
Cumulative % of var.	5.995	11.721	16.585	21.047	25.057	28.965	32.765	36.417	39.889
	Dim.10	Dim.11	Dim.12	Dim.13	Dim.14	Dim.15	Dim.16	Dim.17	Dim.18
Variance	0.185	0.180	0.179	0.175	0.172	0.167	0.167	0.167	0.167
% of var.	3.261	3.182	3.167	3.084	3.041	2.949	2.941	2.941	2.941
Cumulative % of var.	43.150	46.332	49.499	52.583	55.624	58.573	61.514	64.456	67.397
	Dim.19	Dim.20	Dim.21	Dim.22	Dim.23	Dim.24	Dim.25	Dim.26	Dim.27
Variance	0.167	0.164	0.157	0.149	0.146	0.137	0.133	0.122	0.117
% of var.	2.941	2.886	2.774	2.636	2.585	2.416	2.352	2.161	2.062
Cumulative % of var.	70.338	73.224	75.999	78.635	81.220	83.636	85.988	88.149	90.211
	Dim.28	Dim.29	Dim.30	Dim.31	Dim.32	Dim.33	Dim.34		
Variance	0.110	0.099	0.092	0.077	0.075	0.065	0.037		
% of var.	1.933	1.752	1.632	1.358	1.325	1.143	0.646		
Cumulative % of var.	92.144	93.896	95.528	96.886	98.210	99.354	100.000		

Individuals (the 10 first)

	Dim.1	ctr	cos2	Dim.2	ctr	cos2	Dim.3	ctr	cos2
1	1.454	3.063	0.308	-0.130	0.026	0.002	-0.469	0.392	0.032

2	0.610 0.539 0.094 -0.887 1.194 0.200 0.431 0.331 0.047
3	1.343 2.615 0.279 -0.103 0.016 0.002 -0.294 0.154 0.013
4	0.491 0.349 0.051 0.269 0.110 0.015 0.706 0.890 0.105
5	0.428 0.266 0.076 0.179 0.049 0.013 -0.424 0.322 0.075
6	-0.223 0.072 0.012 1.101 1.839 0.289 0.733 0.961 0.129
7	-0.013 0.000 0.000 1.008 1.544 0.230 0.430 0.330 0.042
8	-0.165 0.039 0.006 1.076 1.757 0.250 0.828 1.226 0.148
9	-0.137 0.027 0.003 1.421 3.068 0.296 1.067 2.034 0.167
10	0.183 0.049 0.005 1.115 1.888 0.179 1.158 2.399 0.194

Categories (the 10 first)

	Dim.1	ctr	cos2	v.test	Dim.2	ctr	cos2	v.test	Dim.3	ctr
BC	-0.203	0.280	0.007	-1.156	-0.806	4.599	0.104	-4.580	0.434	1.571
BC (Chetti)	-1.570	0.596	0.012	-1.570	0.773	0.151	0.003	0.773	-1.607	0.769
BC (Vokkalikar)	1.323	0.846	0.017	1.876	-0.171	0.015	0.000	-0.243	-0.775	0.358
General	-1.315	2.507	0.053	-3.262	-1.428	3.097	0.062	-3.542	0.515	0.474
MBC	0.361	0.880	0.021	2.051	-0.109	0.084	0.002	-0.617	0.474	1.871
MBC (Chetti)	-1.248	1.883	0.039	-2.820	-0.848	0.910	0.018	-1.915	-0.145	0.031
MBC (Gounder)	1.094	0.289	0.006	1.094	0.762	0.147	0.003	0.762	-2.769	2.285
MBC (Valaiyar)	1.094	0.289	0.006	1.094	0.762	0.147	0.003	0.762	-2.769	2.285
OBC	-0.882	2.632	0.058	-3.412	-0.335	0.398	0.008	-1.297	-0.642	1.718
SC	0.075	0.030	0.001	0.373	-0.593	1.959	0.043	-2.940	-0.151	0.149

	cos2	v.test
BC	0.030	2.468
BC (Chetti)	0.013	-1.607
BC (Vokkalikar)	0.006	-1.099
General	0.008	1.278
MBC	0.036	2.692
MBC (Chetti)	0.001	-0.327
MBC (Gounder)	0.038	-2.769
MBC (Valaiyar)	0.038	-2.769
OBC	0.031	-2.483
SC	0.003	-0.746

Categorical variables (eta2)

	Dim.1	Dim.2	Dim.3
Caste	0.757	0.584	0.507
Forest.Divison	0.693	0.367	0.315
Education_Respondent	0.074	0.233	0.191

Knowledge.of.risk.factors	0.085 0.304 0.148
Practices_Healthcare.access	0.296 0.359 0.492
Risky.behaviours	0.135 0.100 0.001