

Appendix to VCP Study

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Contents

1. Additional comments on Topics List
2. Results for all structural topic models
3. Anonymized Fieldnotes (in separate Excel file)

1. Additional Comments on Topics List

1. Intention to act – words seems related to upcoming activities and actions, e.g. start, soon, participate, elect, get
2. Distribution – words concern activities related to distributing of benefits (e.g. drought relief packets) and the travel required to get to these distribution events.
3. At home – Most common words relate to the subjects being at their home
4. The Pradhan – mainly focused on observations of the Pradhan without other linking subjects
5. Paperwork – primarily words related to paper, submissions, money and government programs (NREGA)
6. Education/School – associations with schools, including the teachers, type of school, and distribution of materials
7. Asking questions – Seems to related to the shadower asking questions of the subject, particularly with regard to other people
8. Secretary – associated with the council secretary and related work
9. At a house – words related to being at someone else’s house and activities there
10. Discussions in village – Seems associated with talking to others out in the villages
11. Phone calls – all related to observations of the subject on phone calls
12. Travel and meals – concerns movement of the subject, travel and participation in meals
13. Meetings and gas connections – words related to discussions with people about the ongoing government-sponsored cooking gas tank distribution program.
14. Construction – words related to construction projects
15. Tea breaks – All related to breaks for tea in various locations
16. Public meetings – Seem associated with public meetings and speeches occurring during the shadowing period
17. Rations – words related to the public distribution system and cards required for access
18. Block office visits – Associated with going to the local administrative office and meetings

with primary bureaucrat there

19. Beneficiary Lists – words related to the making of beneficiary lists for inclusion in government programs
20. Visits – primarily associated with visitors to the VCP

2. Structural Topic Model Results (20 models)

Model for Topic 1 - Planning

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.008	.010	.806	.420	
P(B)	.029	.014	2.061	.040	*
P(D)	.019	.012	1.562	.118	
P(E)	-.005	.012	-.405	.685	
P(F)	.011	.012	.954	.340	
P(G)	.053	.015	3.487	.000	***
P(H)	.001	.011	.077	.938	
P(I)	.021	.014	1.559	.119	
P(J)	.007	.011	.640	.522	
P(K)	-.008	.012	-.663	.507	
P(L)	.025	.013	1.907	.057	
P(M)	.048	.018	2.611	.009	**
P(N)	-.004	.011	-.328	.743	
P(O)	.050	.015	3.330	.001	***
Shadowing Day	-.002	.005	-.353	.724	
Weekend	-.008	.007	-1.229	.219	
Morning	.010	.005	1.912	.056	+

Model for Topic 2 - Distribution

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.129	.017	7.343	.000	***
P(B)	-.126	.020	-6.123	.000	***
P(D)	-.104	.019	-5.509	.000	***
P(E)	.031	.026	1.177	.240	
P(F)	-.102	.021	-4.904	.000	***
P(G)	-.036	.023	-1.577	.0115	
P(H)	-.116	.020	-5.892	.000	***
P(I)	-.115	.020	-5.757	.000	***
P(J)	-.120	.019	-6.166	.000	***
P(K)	-.068	.024	-2.956	.003	**
P(L)	-.104	.019	-5.457	.000	***
P(M)	-.130	.024	-5.466	.000	***
P(N)	-.122	.019	-6.252	.000	***
P(O)	-.122	.021	-5.802	.000	***
Shadowing Day	-.014	.007	-2.033	.042	
Weekend	.009	.009	1.003	.316	
Morning	-.010	.007	-1.497	.035	*

Model for Topic 3 - Home

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.089	.017	5.261	.000	***
P(B)	.006	.024	.239	.811	
P(D)	.028	.021	1.315	.189	
P(E)	.008	.022	.379	.705	
P(F)	-.008	.020	-.420	.675	
P(G)	-.031	.019	-1.605	.109	
P(H)	-.007	.018	-.431	.666	
P(I)	-.024	.022	-1.137	.256	
P(J)	-.036	.020	-1.841	.066	
P(K)	-.023	.021	-1.088	.277	
P(L)	-.103	.021	-.479	.632	
P(M)	-.061	.025	-2.148	.016	*
P(N)	.061	.023	2.661	.008	**
P(O)	-.058	.022	-2.631	.009	**
Shadowing Day	-.018	.007	2.370	.018	*
Weekend	.006	.011	.573	.567	
Morning	-.025	.008	-3.046	.002	**

Model for Topic 4 - The President

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.267	.013	20.052	.000	***
P(B)	-.161	.016	-9.799	.000	***
P(D)	-.146	.016	-9.334	.000	***
P(E)	-.154	.015	-10.432	.000	***
P(F)	-.153	.019	-9.066	.000	***
P(G)	-.182	.015	-11.826	.000	***
P(H)	-.171	.015	-11.135	.000	***
P(I)	-.145	.017	-8.460	.000	***
P(J)	-.171	.016	-10.644	.000	***
P(K)	-.173	.016	-10.782	.000	***
P(L)	-.140	.016	-8.587	.000	***
P(M)	-.208	.019	-10.743	.000	***
P(N)	-.096	.015	-6.268	.000	***
P(O)	-.189	.016	-11.484	.000	***
Shadowing Day	.014	.004	3.025	.002	**
Weekend	.014	.007	1.957	.050	
Morning	-.018	.005	-3.479	.000	***

Model for Topic 5 - Paperwork

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.001	.011	.057	.954	
P(B)	.006	.015	.391	.696	
P(D)	.018	.014	1.291	.197	
P(E)	.001	.014	.095	.924	
P(F)	.051	.017	3.057	.002	**
P(G)	.069	.017	4.049	.000	***
P(H)	.026	.015	1.748	.081	
P(I)	.032	.015	2.099	.067	*
P(J)	.047	.015	3.095	.002	**
P(K)	.001	.014	.107	.915	
P(L)	.022	.014	1.551	.121	
P(M)	.027	.021	1.290	.017	
P(N)	.014	.014	1.017	.309	
P(O)	.026	.017	1.487	.137	
Shadowing Day	-.002	.006	-.375	.707	
Weekend	.010	.008	1.151	.250	
Morning	.004	.006	.624	.532	

Model for Topic 6 - Education

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.106	.020	5.350	.000	***
P(B)	-.003	.023	-.155	.877	
P(D)	-.040	.020	-2.039	.042	*
P(E)	-.056	.023	-2.397	.017	*
P(F)	-.037	.023	-1.637	.102	
P(G)	-.046	.024	-1.944	.052	
P(H)	.032	.027	1.179	.238	
P(I)	-.092	.023	-3.981	.000	***
P(J)	-.058	.022	-2.650	.008	**
P(K)	-.074	.024	-3.127	.002	**
P(L)	-.046	.025	-1.830	.067	
P(M)	-.054	.024	-2.260	.024	*
P(N)	.006	.024	.233	.816	
P(O)	-.034	.022	-1.530	.126	
Shadowing Day	-.027	.008	-3.271	.001	**
Weekend	-.043	.012	-3.522	.000	***
Morning	.006	.008	.701	.483	

Model for Topic 7 - Questions

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.030	.011	2.840	.005	**
P(B)	.076	.014	5.266	.000	***
P(D)	.075	.014	5.223	.000	***
P(E)	.023	.015	1.560	.199	
P(F)	.013	.013	1.046	.296	
P(G)	-.014	.012	1.046	.300	
P(H)	.062	.014	4.477	.000	***
P(I)	.082	.016	5.153	.000	***
P(J)	.084	.015	5.625	.000	***
P(K)	.006	.014	.417	.677	
P(L)	.030	.014	2.114	.035	*
P(M)	.112	.021	5.092	.000	***
P(N)	.039	.013	2.962	.003	**
P(O)	.089	.017	5.377	.000	***
Shadowing Day	-.016	.006	-2.812	.005	**
Weekend	-.024	.008	-2.953	.003	**
Morning	.024	.006	3.738	.00	***

Model for Topic 8 - The Secretary

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.003	.011	.232	.817	
P(B)	-.019	.013	-1.454	.146	
P(D)	.022	.014	1.630	.103	
P(E)	.024	.015	1.618	.106	
P(F)	.019	.014	1.392	.164	
P(G)	.050	.015	3.348	.001	***
P(H)	.038	.015	2.599	.009	**
P(I)	.012	.015	2.808	.419	
P(J)	-.017	.012	-1.354	.176	
P(K)	.058	.015	3.741	.000	***
P(L)	.021	.014	1.478	.139	
P(M)	-.026	.016	-1.438	.015	
P(N)	.014	.014	.984	.325	
P(O)	.068	.020	3.480	.000	***
Shadowing Day	.024	.006	4.158	.000	**
Weekend	.024	.008	3.150	.002	**
Morning	-.016	.006	-2.897	.004	**

Model for Topic 9 - At a House

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.035	.012	2.914	.004	**
P(B)	.006	.017	.379	.705	
P(D)	-.003	.014	-.219	.827	
P(E)	-.034	.014	-2.414	.016	*
P(F)	-.040	.013	-2.952	.003	**
P(G)	-.041	.013	-3.117	.002	**
P(H)	-.030	.013	-2.252	.024	*
P(I)	-.011	.015	-.204	.838	
P(J)	-.010	.015	-.726	.468	
P(K)	.023	.017	1.359	.174	
P(L)	.044	.016	2.716	.007	**
P(M)	-.048	.017	-2.878	.004	**
P(N)	.014	.016	.877	.381	
P(O)	-.031	.015	-2.071	.038	*
Shadowing Day	.011	.006	1.898	.058	
Weekend	.022	.008	3.119	.002	**
Morning	.009	.005	1.722	.085	

Model for Topic 10 - In a Village

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.032	.012	2.650	.008	**
P(B)	.021	.018	1.165	.244	
P(D)	.014	.016	.923	.356	
P(E)	.052	.019	2.721	.007	**
P(F)	.002	.015	.117	.907	
P(G)	-.009	.015	-.616	.540	
P(H)	.016	.016	1.000	.318	
P(I)	.005	.017	.313	.754	
P(J)	.034	.019	1.805	.071	
P(K)	-.022	.015	-1.446	.148	
P(L)	-.012	.015	-.823	.411	
P(M)	-.032	.019	-1.663	.096	
P(N)	-.005	.017	-.282	.778	
P(O)	-.003	.017	-.165	.869	
Shadowing Day	-.007	.006	-1.058	.290	
Weekend	.019	.009	2.088	.037	*
Morning	.003	.007	.492	.622	

Model for Topic 11 - Phone Calls

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.039	.016	2.358	.018	*
P(B)	.003	.021	.155	.878	
P(D)	.004	.020	.207	.835	
P(E)	-.007	.020	-.361	.718	
P(F)	.033	.021	1.559	.119	
P(G)	.035	.019	1.813	.070	
P(H)	.012	.020	.621	.535	
P(I)	.011	.022	.479	.632	
P(J)	.041	.024	1.694	.091	
P(K)	-.003	.020	-.146	.884	
P(L)	.020	.021	.931	.352	
P(M)	.072	.031	2.318	.021	*
P(N)	.011	.019	.588	.557	
P(O)	.034	.024	1.433	.152	
Shadowing Day	.004	.009	.433	.665	
Weekend	-.010	.012	-.767	.443	
Morning	.023	.009	2.585	.010	**

Model for Topic 12 - Travel and Meals

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.051	.012	4.475	.000	***
P(B)	.001	.015	.044	.965	
P(D)	.012	.014	.884	.377	
P(E)	.010	.016	.620	.536	
P(F)	.076	.017	4.565	.000	***
P(G)	.046	.016	2.951	.003	**
P(H)	.002	.015	.117	.907	
P(I)	.048	.017	2.842	.004	**
P(J)	.047	.017	2.848	.004	**
P(K)	-.002	.016	-.116	.907	
P(L)	-.002	.015	-.139	.889	
P(M)	-.020	.019	-1.086	.278	
P(N)	.005	.014	.366	.714	
P(O)	.018	.017	1.031	.303	
Shadowing Day	.015	.006	2.424	.015	*
Weekend	-.004	.009	-.451	.652	
Morning	-.037	.006	-6.255	.000	***

Model for Topic 13 - Gas Connections

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.060	.015	4.083	.000	***
P(B)	-.023	.019	-1.218	.223	
P(D)	-.018	.017	-1.001	.317	
P(E)	-.038	.016	-2.221	.026	*
P(F)	-.036	.017	-2.064	.039	
P(G)	-.024	.017	-1.416	.157	
P(H)	.062	.020	3.087	.002	**
P(I)	-.038	.017	-2.183	.029	*
P(J)	-.025	.018	-1.505	.132	
P(K)	.172	.030	5.760	.00	***
P(L)	-.038	.017	-2.252	.024	*
P(M)	-.034	.020	-1.614	.107	
P(N)	-.030	.017	-1.790	.074	
P(O)	-.035	.018	-1.953	.051	
Shadowing Day	.007	.008	.869	.385	
Weekend	.007	.008	.869	.385	
Morning	-.022	.006	-3.562	.000	***

Model for Topic 14 - Construction

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.001	.013	.093	.926	
P(B)	.018	.017	1.030	.303	
P(D)	.020	.016	1.267	.205	
P(E)	.004	.016	.221	.825	
P(F)	.064	.018	3.568	.000	***
P(G)	.048	.018	2.634	.008	**
P(H)	.013	.016	.840	.401	
P(I)	.052	.020	2.634	.008	**
P(J)	.032	.016	1.934	.053	**
P(K)	.004	.016	.226	.821	
P(L)	.061	.018	3.370	.001	***
P(M)	.026	.024	1.106	.269	
P(N)	.047	.019	2.486	.013	*
P(O)	.043	.019	2.291	.022	*
Shadowing Day	-.003	.007	-.384	.701	
Weekend	.017	.010	1.693	.091	
Morning	.010	.008	1.295	.196	

Model for Topic 15 - Tea Breaks

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.022	.013	1.594	.111	
P(B)	.022	.014	2.301	.022	*
P(D)	.028	.018	1.530	.126	
P(E)	.003	.018	.169	.865	
P(F)	.010	.018	.554	.580	
P(G)	.032	.018	1.812	.070	
P(H)	.010	.017	.555	.579	
P(I)	.003	.018	.163	.871	
P(J)	-.007	.017	-.425	.671	
P(K)	-.001	.018	-.059	.953	
P(L)	.014	.018	.762	.446	
P(M)	.023	.023	.976	.329	
P(N)	.002	.018	.135	.892	
P(O)	.047	.020	2.312	.021	*
Shadowing Day	.007	.008	.975	.330	
Weekend	.005	.010	.511	.609	
Morning	.012	.008	1.525	.127	

Model for Topic 16 - Public Events

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.043	.013	3.389	.001	***
P(B)	.035	.015	2.241	.025	*
P(D)	-.006	.015	-.397	.692	
P(E)	.195	.023	8.597	.000	***
P(F)	.053	.017	3.091	.002	**
P(G)	.022	.016	1.376	.169	
P(H)	.018	.016	1.160	.246	
P(I)	-.021	.016	-1.280	.201	
P(J)	.031	.017	1.866	.062	
P(K)	.048	.019	2.559	.011	*
P(L)	-.019	.016	-1.222	.222	
P(M)	.004	.019	.202	.840	
P(N)	.049	.017	2.817	.005	***
P(O)	.019	.017	1.114	.265	
Shadowing Day	-.018	.007	-2.717	.007	**
Weekend	-.035	.010	-3.702	.000	***
Morning	.002	.007	.252	.801	

Model for Topic 17 - Rations

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.020	.017	1.203	.230	
P(B)	.021	.022	.977	.329	
P(D)	-.005	.020	-.237	.813	
P(E)	-.018	.021	-.858	.391	
P(F)	.013	.020	.653	.514	
P(G)	.002	.021	.081	.935	
P(H)	-.002	.019	-.103	.918	
P(I)	.062	.026	2.396	.017	*
P(J)	.098	.022	4.521	.000	***
P(K)	-.019	.020	-.955	.340	
P(L)	.021	.022	.971	.332	
P(M)	.254	.044	5.836	.000	***
P(N)	-.011	.019	-.571	.568	
P(O)	.052	.026	1.977	.048	*
Shadowing Day	-.000	.008	-.024	.981	
Weekend	-.023	.012	-1.930	.054	
Morning	.036	.009	4.054	.000	***

Model for Topic 18 - Block Office

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.041	.013	3.055	.002	**
P(B)	-.014	.018	-.076	.449	
P(D)	.003	.016	.202	.840	
P(E)	-.025	.017	-1.474	.141	
P(F)	.037	.018	2.017	.044	*
P(G)	.027	.018	1.478	.140	
P(H)	-.003	.016	-.188	.851	
P(I)	.041	.021	1.960	.050	
P(J)	.024	.018	1.342	.180	
P(K)	.095	.022	4.257	.000	***
P(L)	.015	.019	.778	.437	
P(M)	.019	.025	.771	.441	
P(N)	-.030	.015	-1.921	.055	
P(O)	.016	.019	.803	.422	
Shadowing Day	.014	.007	1.898	.058	
Weekend	.016	.010	1.633	.103	
Morning	-.035	.008	-4.554	.000	***

Model for Topic 19 - Beneficiary Lists

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.014	.014	1.014	.311	
P(B)	.070	.021	3.337	.001	***
P(D)	.062	.020	3.107	.002	**
P(E)	-.018	.017	-1.053	.293	
P(F)	-.012	.016	-.757	.449	
P(G)	-.019	.016	-1.161	.246	
P(H)	.029	.018	1.611	.018	
P(I)	.064	.021	3.084	.002	**
P(J)	-.000	.017	-.028	.978	
P(K)	-.017	.017	-1.008	.314	
P(L)	.098	.021	4.645	.000	***
P(M)	-.003	.021	-.120	.904	
P(N)	.023	.017	1.335	.568	
P(O)	-.002	.007	-.249	.803	
Shadowing Day	-.002	.007	-.294	.803	
Weekend	-.005	.010	-.501	.617	
Morning	.019	.007	2.657	.008	**

Model for Topic 20 - Visits

Variable	Coefficient	Standard Error	t Value	Pr> t	Significance
(Intercept)	.000	.000	2.684	.007	**
P(B)	.000	.000	2.683	.007	**
P(D)	.000	.000	4.725	.000	***
P(E)	.000	.000	.008	.994	
P(F)	.000	.000	1.474	.141	
P(G)	.000	.000	4.586	.000	***
P(H)	.000	.000	2.380	.071	*
P(I)	.000	.000	1.503	.133	
P(J)	-.000	.000	-.636	.524	
P(K)	.000	.000	.663	.508	
P(L)	.000	.000	.346	.729	
P(M)	.000	.000	4.358	.000	***
P(N)	.000	.000	3.294	.001	**
P(O)	.000	.000	3.406	.001	***
Shadowing Day	-.000	.000	-2.267	.023	*
Weekend	-.000	.000	-.055	.956	
Morning	.000	.000	4.826	.000	***

3. Anonymized Fieldnotes

(See associated Excel Spreadsheet “Bussell - VCP Study - Anonymized Field Notes”)