

P₂ output in the following article:

Veenstra, R., Lindenberg, S., Zijlstra, B.J.H., De Winter, A.F., Verhulst, F.C., & Ormel, J. (2007). The dyadic nature of bullying and victimization: Testing a dual-perspective theory. *Child Development*, 78, 1843-1854.

P2MCMC RW ml mv

@1

General Information:

Digraph: d:\bonne\6ap.dat

September 28, 2006, 4:40:19 AM

Number of valid tie indicator observations: 20409

@1

Descriptives:

Group	Observed	Initial	Tie variables		Digraph	Number of ties	Reciprocal ties		Mutliple ties
Exchange ties	Size	Size	Present	Missing					
1	18	27	306	0	6ap.dat	9	0	-	-
2	12	23	132	0	6ap.dat	9	0	-	-
3	18	24	306	0	6ap.dat	15	2	-	-
4	20	32	380	0	6ap.dat	1	0	-	-
5	19	30	342	0	6ap.dat	0	0	-	-
6	16	28	240	0	6ap.dat	4	0	-	-
7	13	33	156	0	6ap.dat	1	0	-	-
8	11	26	110	0	6ap.dat	10	2	-	-
9	12	25	132	0	6ap.dat	7	4	-	-
10	20	30	380	0	6ap.dat	7	0	-	-
11	16	31	240	0	6ap.dat	18	0	-	-
12	24	36	552	0	6ap.dat	24	2	-	-

13									
14	17	19	272	0	6ap.dat	19	4	-	-
15	14	20	182	0	6ap.dat	18	0	-	-
16	14	36	182	0	6ap.dat	1	0	-	-
17	12	22	132	0	6ap.dat	1	0	-	-
18	10	30	90	0	6ap.dat	1	0	-	-
19	15	25	210	0	6ap.dat	8	0	-	-
20	15	20	210	0	6ap.dat	17	0	-	-
21	10	17	90	0	6ap.dat	8	2	-	-
22	23	35	506	0	6ap.dat	15	0	-	-
23	33	35	1056	0	6ap.dat	6	0	-	-
24	17	28	272	0	6ap.dat	1	0	-	-
25	15	17	210	0	6ap.dat	9	0	-	-
26	17	33	272	0	6ap.dat	10	0	-	-
27	20	29	380	0	6ap.dat	17	2	-	-
28	19	25	342	0	6ap.dat	0	0	-	-
29	13	26	156	0	6ap.dat	15	2	-	-
30	10	30	90	0	6ap.dat	1	0	-	-
31	15	30	210	0	6ap.dat	0	0	-	-
32	14	15	182	0	6ap.dat	27	6	-	-
33	16	27	240	0	6ap.dat	6	0	-	-
34	14	29	182	0	6ap.dat	1	0	-	-
35	15	29	210	0	6ap.dat	13	4	-	-
36	10	24	90	0	6ap.dat	6	0	-	-

37	17	32	272	0	6ap.dat	12	4	-	-
38	12	15	132	0	6ap.dat	0	0	-	-
39	24	29	552	0	6ap.dat	34	0	-	-
40	18	27	306	0	6ap.dat	2	0	-	-
41	12	31	132	0	6ap.dat	8	0	-	-
42	19	30	342	0	6ap.dat	40	6	-	-
43	19	33	342	0	6ap.dat	36	4	-	-
44	25	33	600	0	6ap.dat	18	0	-	-
45	16	30	240	0	6ap.dat	15	2	-	-
46	10	15	90	0	6ap.dat	1	0	-	-
47	7	19	42	0	6ap.dat	1	0	-	-
48	10	13	90	0	6ap.dat	7	2	-	-
49	16	24	240	0	6ap.dat	2	0	-	-
50	12	27	132	0	6ap.dat	4	0	-	-
51	14	31	182	0	6ap.dat	0	0	-	-
52	11	26	110	0	6ap.dat	4	2	-	-
53	14	23	182	0	6ap.dat	10	4	-	-
54	18	27	306	0	6ap.dat	16	0	-	-
	17	27	272	0	6ap.dat	8	0	-	-

@1

Random effects:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
sender variance	6ap.dat: 4.4927	0.5793	3.15	3.42	4.09	4.47	4.87	5.70	6.17
receiver variance	6ap.dat: 0.5159	0.1538	0.11	0.20	0.42	0.51	0.62	0.82	0.92
covariance	6ap.dat: 0.1290	0.2645	-0.58	-0.40	-0.04	0.13	0.30	0.65	0.80

@1
Fixed effects:

@2
Overall effects:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
Density	6ap.dat: -6.7580	0.2829	-7.47	-7.27	-6.95	-6.77	-6.58	-6.08	-5.90
Reciprocity	6ap.dat: 0.4485	0.3753	-0.46	-0.25	0.19	0.44	0.67	1.26	1.55

@2
Specific covariate effects:

@3
Sender covariates:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
gender	1.2091	0.2843	0.49	0.66	1.02	1.20	1.40	1.79	1.92
Aggressiveness	0.7208	0.1152	0.40	0.51	0.65	0.71	0.80	0.95	1.02
isolation	0.1783	0.1179	-0.09	-0.04	0.09	0.18	0.26	0.41	0.49
acceptance_aggregate	0.2354	0.1361	-0.13	-0.04	0.15	0.24	0.33	0.50	0.54
rejection_aggregate	0.0727	0.1456	-0.28	-0.20	-0.02	0.07	0.16	0.37	0.49
bully	0.2809	0.3384	-0.65	-0.50	0.07	0.31	0.52	0.87	1.02

@3
Receiver covariates:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
gender	0.2926	0.2650	-0.41	-0.27	0.12	0.31	0.48	0.79	0.90
Aggressiveness	0.0304	0.0763	-0.19	-0.13	-0.02	0.04	0.08	0.17	0.21
isolation	0.3970	0.0799	0.17	0.24	0.35	0.40	0.45	0.54	0.60
acceptance_aggregate	0.1003	0.1003	-0.15	-0.10	0.03	0.10	0.17	0.29	0.33
rejection_aggregate	0.3019	0.0969	0.04	0.10	0.24	0.30	0.37	0.50	0.53
bully	1.7459	0.1872	1.33	1.42	1.61	1.74	1.86	2.16	2.30

@3
Density covariates:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
abs_diff_gender	0.0253	0.2592	-0.58	-0.46	-0.15	0.02	0.19	0.58	0.76
BestFriend	-0.7153	0.1865	-1.19	-1.08	-0.84	-0.72	-0.59	-0.35	-0.21
Dislike	1.5253	0.1550	1.17	1.24	1.42	1.51	1.62	1.85	1.96
BothBoy	-0.6075	0.5010	-1.82	-1.56	-0.94	-0.62	-0.30	0.45	0.75

-0.001	0.001	-0.009	0.180	0.086	-0.160	0.013	-0.002	-0.003	-0.005	0.000	0.003	-0.000	-0.001	-0.002	-0.001	-0.003	-0.005
0.000	0.002	0.011	-0.071	-0.121	0.079	-0.117	0.014	0.005	-0.003	0.008	-0.005	-0.001	0.001	-0.001	-0.003	0.000	0.004
0.001	-0.001	0.009	-0.052	-0.120	0.012	-0.188	0.285	0.019	0.007	-0.000	-0.004	0.000	0.000	-0.002	-0.001	-0.004	0.004
-0.001	-0.000	-0.006	-0.139	-0.197	-0.059	-0.313	-0.197	0.342	0.021	-0.010	0.005	0.001	0.001	0.001	0.002	0.003	-0.003
-0.008	0.012	-0.017	-0.255	-0.298	0.151	0.011	0.189	-0.007	-0.208	0.115	0.008	-0.000	0.003	0.002	-0.002	0.007	-0.007
-0.004	0.002	-0.114	0.050	-0.154	0.434	0.114	-0.171	-0.109	0.122	0.091	0.070	0.001	-0.000	0.000	-0.004	-0.004	-0.050
-0.000	0.000	-0.003	0.081	-0.087	0.048	-0.009	-0.085	0.010	0.077	-0.005	0.025	0.006	-0.001	-0.001	-0.002	-0.002	-0.001
-0.001	0.001	0.005	-0.111	-0.147	-0.038	-0.070	0.116	0.008	0.072	0.125	-0.016	-0.124	0.006	0.003	-0.002	0.003	0.003
-0.005	-0.001	-0.000	0.018	-0.134	0.029	-0.174	-0.078	-0.170	0.052	0.070	0.005	-0.163	0.353	0.010	0.004	0.005	-0.002
0.002	-0.004	0.001	-0.146	-0.007	0.095	-0.071	-0.242	-0.064	0.124	-0.075	-0.149	-0.212	-0.222	0.424	0.009	0.000	0.001
-0.005	0.002	0.007	-0.273	0.009	0.035	-0.144	0.014	-0.141	0.105	0.113	-0.079	-0.129	0.177	0.267	0.013	0.035	0.002
0.014	-0.001	0.112	-0.321	0.074	-0.432	-0.152	0.132	0.108	-0.090	-0.077	-0.732	-0.062	0.128	-0.058	0.031	0.042	0.067
0.035	0.002	0.007	-0.244	0.188	0.033	-0.024	0.000	0.041	-0.026	-0.128	-0.091	-0.009	-0.070	-0.270	0.099	-0.146	0.292
0.077	0.024	-0.003	-0.326	-0.008	0.020	0.077	0.089	-0.031	-0.015	0.234	0.051	0.032	0.062	-0.082	-0.276	0.079	-0.028
0.070	-0.034	0.251	-0.154	0.123	-0.543	-0.150	0.189	0.127	-0.078	-0.098	-0.859	-0.082	0.127	-0.008	0.027	0.074	0.859

@2

Performed number of iterations

number of batches: 0
 batch size: 0
 number of burn-in iterations: 8000
 sample size: 20000
 thinning constant: 1

@2

Raftery-Lewis estimates

	quantile	KThin	BurnIn	NSample	KInd	MinInd	I
sender variance 6ap.dat:	2.5	10	60	16240	39	600	0.04
	50	26	130	406224	90	6147	0.02
	97.5	11	44	13354	35	600	0.04

covariance 6ap.dat, 6ap.dat:	2.5	15	135	32880	59	600	0.02
	50	25	225	643550	149	6147	0.01
	97.5	17	187	42024	50	600	0.01
receiver variance 6ap.dat:	2.5	5	2180	558920	248	600	0.00
	50	38	342	1019768	158	6147	0.01
	97.5	9	81	21654	50	600	0.03
density 6ap.dat:	2.5	6	240	63816	112	600	0.01
	50	24	456	1427808	242	6147	0.00
	97.5	10	260	64380	92	600	0.01
reciprocity 6ap.dat:	2.5	14	140	37212	56	600	0.02
	50	26	312	977912	188	6147	0.01
	97.5	2	98	25566	74	600	0.02
gender	2.5	7	112	26397	61	600	0.02
	50	36	288	905364	142	6147	0.01
	97.5	12	108	28320	49	600	0.02
Aggressiveness	2.5	4	116	30560	53	600	0.02
	50	34	340	1057808	166	6147	0.01
	97.5	15	180	42360	68	600	0.01
isolation	2.5	7	105	29309	43	600	0.02
	50	23	322	985366	203	6147	0.01
	97.5	7	196	53606	77	600	0.01
acceptance_aggregate	2.5	11	198	50776	60	600	0.01
	50	31	403	1272519	179	6147	0.00
	97.5	16	144	35792	56	600	0.02
rejection_aggregate	2.5	9	171	46404	70	600	0.01
	50	34	442	1366256	250	6147	0.00
	97.5	6	210	54402	76	600	0.01
bully	2.5	18	234	63810	66	600	0.01
	50	37	407	1252080	215	6147	0.00
	97.5	11	154	41228	57	600	0.01
gender	2.5	11	99	26015	61	600	0.02
	50	33	264	765039	131	6147	0.01
	97.5	3	54	13365	41	600	0.04
Aggressiveness	2.5	2	108	28242	83	600	0.02
	50	32	256	785088	108	6147	0.01
	97.5	10	100	26980	56	600	0.02
isolation	2.5	7	91	24213	48	600	0.02
	50	28	224	636272	119	6147	0.01
	97.5	8	80	19904	45	600	0.03
acceptance_aggregate	2.5	13	117	29640	59	600	0.02
	50	25	225	687150	124	6147	0.01
	97.5	9	108	26496	48	600	0.02
rejection_aggregate	2.5	1	91	23748	75	600	0.03
	50	22	220	651926	145	6147	0.01
	97.5	9	126	32868	68	600	0.02
bully	2.5	5	70	16720	46	600	0.04
	50	27	243	743715	134	6147	0.01

	97.5	4	116	30560	53	600	0.02
abs_diff_gender	2.5	6	60	16092	33	600	0.04
	50	35	245	765800	156	6147	0.01
	97.5	7	147	38164	72	600	0.02
BestFriend	2.5	6	78	19698	45	600	0.03
	50	25	200	633175	102	6147	0.01
	97.5	5	75	19420	45	600	0.03
Dislike	2.5	11	88	24420	32	600	0.02
	50	15	150	442140	93	6147	0.01
	97.5	10	90	22660	31	600	0.03
BothBoy	2.5	5	60	14860	30	600	0.04
	50	28	224	686588	117	6147	0.01
	97.5	12	132	35160	36	600	0.02

P2MCMC RW ml mv

@1

General Information:

Digraph: d:\bonne\6pp.dat

September 28, 2006, 3:32:32 AM

Number of valid tie indicator observations: 20409

@1

Descriptives:

Group	Observed	Initial	Tie variables		Digraph	Number of ties	Reciprocal ties		Mutliple ties
Exchange ties	Size	Size	Present	Missing					
1	18	27	306	0	6pp.dat	13	0	-	-
2	12	23	132	0	6pp.dat	17	4	-	-
3	18	24	306	0	6pp.dat	21	6	-	-
4	20	32	380	0	6pp.dat	16	4	-	-
5	19	30	342	0	6pp.dat	13	0	-	-
6	16	28	240	0	6pp.dat	9	2	-	-
7	13	33	156	0	6pp.dat	5	0	-	-

8									
9	11	26	110	0	6pp.dat	8	2	-	-
10	12	25	132	0	6pp.dat	9	0	-	-
11	20	30	380	0	6pp.dat	15	0	-	-
12	16	31	240	0	6pp.dat	8	0	-	-
13	24	36	552	0	6pp.dat	23	2	-	-
14	17	19	272	0	6pp.dat	26	6	-	-
15	14	20	182	0	6pp.dat	11	0	-	-
16	14	36	182	0	6pp.dat	8	0	-	-
17	12	22	132	0	6pp.dat	8	0	-	-
18	10	30	90	0	6pp.dat	2	0	-	-
19	15	25	210	0	6pp.dat	7	0	-	-
20	15	20	210	0	6pp.dat	23	0	-	-
21	10	17	90	0	6pp.dat	7	0	-	-
22	23	35	506	0	6pp.dat	19	0	-	-
23	33	35	1056	0	6pp.dat	17	4	-	-
24	17	28	272	0	6pp.dat	10	2	-	-
25	15	17	210	0	6pp.dat	6	2	-	-
26	17	33	272	0	6pp.dat	27	4	-	-
27	20	29	380	0	6pp.dat	24	4	-	-
28	19	25	342	0	6pp.dat	0	0	-	-
29	13	26	156	0	6pp.dat	8	0	-	-
30	10	30	90	0	6pp.dat	3	0	-	-
31	15	30	210	0	6pp.dat	1	0	-	-

32	14	15	182	0	6pp.dat	18	4	-	-
	16	27	240	0	6pp.dat	18	0	-	-
33	14	29	182	0	6pp.dat	2	0	-	-
34	15	29	210	0	6pp.dat	11	1	-	-
35	10	24	90	0	6pp.dat	5	0	-	-
36	17	32	272	0	6pp.dat	16	6	-	-
37	12	15	132	0	6pp.dat	1	0	-	-
38	24	29	552	0	6pp.dat	17	2	-	-
39	18	27	306	0	6pp.dat	10	0	-	-
40	12	31	132	0	6pp.dat	7	2	-	-
41	19	30	342	0	6pp.dat	44	8	-	-
42	19	33	342	0	6pp.dat	33	8	-	-
43	25	33	600	0	6pp.dat	35	4	-	-
44	16	30	240	0	6pp.dat	21	0	-	-
45	10	15	90	0	6pp.dat	4	0	-	-
46	7	19	42	0	6pp.dat	2	0	-	-
47	10	13	90	0	6pp.dat	10	3	-	-
48	16	24	240	0	6pp.dat	4	0	-	-
49	12	27	132	0	6pp.dat	5	0	-	-
50	14	31	182	0	6pp.dat	3	0	-	-
51	11	26	110	0	6pp.dat	14	10	-	-
52	14	23	182	0	6pp.dat	15	8	-	-
53	18	27	306	0	6pp.dat	19	0	-	-
54	17	27	272	0	6pp.dat	15	0	-	-

@1

Random effects:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
sender variance 6pp.dat:	3.5540	0.4728	2.53	2.73	3.21	3.52	3.87	4.56	4.86
receiver variance 6pp.dat:	0.3916	0.1176	0.16	0.19	0.30	0.39	0.47	0.64	0.72
covariance 6pp.dat:	-0.0461	0.2065	-0.55	-0.45	-0.19	-0.04	0.10	0.37	0.50

@1

Fixed effects:

@2

Overall effects:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
Density 6pp.dat:	-5.7617	0.2147	-6.30	-6.19	-5.91	-5.75	-5.62	-5.34	-5.19
Reciprocity 6pp.dat:	0.6626	0.2975	-0.28	0.04	0.47	0.68	0.87	1.21	1.39

@2

Specific covariate effects:

@3

Sender covariates:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
gender	-0.0887	0.2590	-0.80	-0.62	-0.26	-0.08	0.09	0.40	0.51
Aggressiveness	0.1603	0.0931	-0.09	-0.02	0.09	0.16	0.23	0.33	0.38
isolation	0.5917	0.1037	0.36	0.41	0.51	0.59	0.66	0.79	0.83
acceptance_aggregate	0.1638	0.1101	-0.12	-0.02	0.08	0.15	0.25	0.39	0.42
rejection_aggregate	0.3449	0.1259	0.00	0.07	0.27	0.34	0.42	0.61	0.68
bully	0.5706	0.3096	-0.18	-0.05	0.35	0.57	0.79	1.15	1.27

@3

Receiver covariates:

	parameter	standard	quantiles from sample						
	estimate	error	0.5	2.5	25	50	75	97.5	99.5
gender	1.0918	0.2230	0.51	0.67	0.94	1.09	1.24	1.54	1.65
Aggressiveness	0.6045	0.0649	0.42	0.46	0.56	0.60	0.65	0.73	0.76
isolation	-0.3526	0.0712	-0.55	-0.50	-0.40	-0.35	-0.31	-0.21	-0.17
acceptance_aggregate	0.1964	0.0881	-0.03	0.02	0.14	0.20	0.26	0.36	0.40
rejection_aggregate	0.1574	0.0868	-0.09	-0.04	0.11	0.17	0.22	0.32	0.35
bully	1.5056	0.1600	1.13	1.22	1.40	1.49	1.60	1.86	1.95

@3

Density covariates:

	parameter estimate	standard error	quantiles from sample							
			0.5	2.5	25	50	75	97.5	99.5	
abs_diff_gender	-0.4429	0.2239	-1.01	-0.88	-0.59	-0.45	-0.29	0.02	0.13	
BestFriend	-0.4860	0.1622	-0.94	-0.81	-0.60	-0.48	-0.37	-0.19	-0.12	
Dislike	2.3554	0.1344	2.03	2.10	2.26	2.35	2.45	2.63	2.72	
BothBoy	-0.5932	0.4343	-1.76	-1.48	-0.89	-0.60	-0.31	0.30	0.56	

@2

Omega for Multilevel Model:

0.13

standard errors:

0.07

	parameter estimate	standard error	quantiles from sample							
			0.5	2.5	25	50	75	97.5	99.5	
:	0.1342	0.0684	0.03	0.05	0.09	0.12	0.17	0.31	0.40	

acceptance rate for random actor effects: 0.5930

acceptance rate for fixed parameters: 0.6849

acceptance rate for random effects fixed parameters: 0.7527

@1

Model fit measures:

Deviance: 2502.2561

Bayesian information criterion: 25614.8285

Harmonic mean of the likelihood: 8.84025772406973E-0686

-1577.3941

Newton and Raftery p4: 0.010 -1260.3284

Mean absolute residual: 0.053

	parameter estimate	standard error	quantiles from sample							
			0.5	2.5	25	50	75	97.5	99.5	
log-likelihood:	-1472.9394	25.4690	-1537.97	-1522.66	-1490.45	-1473.18	-1455.00	-1424.62	-1409.64	

25.4695

@1

Convergence info:

@2

Covariance matrix from sample of theta (correlations below the diagonal):

			0.046	-0.015	-0.005	0.006	-0.005	-0.006	-0.000	-0.004	0.003	-0.002	0.001	0.002	0.000	-0.005	-0.017
-0.007	-0.009	-0.024															
0.009	0.001	0.016	-0.238	0.089	-0.011	-0.002	0.001	-0.001	-0.005	-0.034	-0.001	0.001	-0.005	-0.005	-0.004	-0.005	0.010
-0.004	-0.003	-0.076	-0.091	-0.141	0.067	-0.003	-0.003	-0.000	0.000	0.003	0.032	0.002	-0.001	0.001	0.001	-0.004	-0.031
-0.001	0.001	-0.006	0.303	-0.074	-0.121	0.009	-0.002	-0.004	-0.004	0.004	0.002	-0.000	0.000	-0.000	-0.001	-0.001	-0.002
-0.000	0.000	0.010	-0.246	0.045	-0.111	-0.233	0.011	0.003	-0.001	0.000	-0.004	0.001	0.000	-0.001	-0.002	0.002	0.004
0.000	0.000	0.004	-0.234	-0.032	-0.012	-0.342	0.244	0.012	0.008	-0.004	-0.002	0.001	-0.001	-0.002	0.001	0.001	0.000
0.001	0.001	-0.001	-0.015	-0.132	0.015	-0.317	-0.080	0.545	0.016	-0.010	-0.000	0.000	0.000	-0.000	0.000	0.004	-0.002
-0.010	0.009	-0.018	-0.058	-0.366	0.041	0.127	0.012	-0.104	-0.247	0.096	0.009	0.000	0.003	0.002	-0.001	-0.009	-0.010
-0.005	0.001	-0.080	0.059	-0.011	0.549	0.102	-0.175	-0.084	-0.012	0.132	0.050	-0.000	-0.000	0.001	-0.002	-0.004	-0.037
-0.001	0.001	-0.001	-0.135	0.036	0.092	-0.077	0.091	0.110	0.039	0.006	-0.016	0.004	-0.001	-0.001	-0.001	-0.001	-0.001
-0.001	0.001	0.002	0.069	-0.239	-0.049	0.003	0.004	-0.117	0.039	0.123	-0.019	-0.192	0.005	0.002	-0.001	0.001	0.001
-0.004	-0.001	-0.004	0.086	-0.173	0.048	-0.017	-0.149	-0.195	-0.012	0.078	0.058	-0.158	0.296	0.008	0.004	0.002	-0.003
0.000	-0.003	-0.001	0.025	-0.137	0.050	-0.103	-0.167	0.066	0.042	-0.032	-0.120	-0.237	-0.212	0.462	0.008	-0.001	-0.002
-0.002	0.000	0.009	-0.153	-0.096	-0.085	-0.083	0.097	0.052	0.204	-0.178	-0.126	-0.104	0.090	0.157	-0.048	0.026	0.003
0.011	0.001	0.083	-0.363	0.144	-0.539	-0.073	0.157	0.018	-0.075	-0.141	-0.735	-0.037	0.060	-0.133	-0.088	0.094	0.050
0.026	0.003	0.009	-0.213	0.179	-0.095	-0.035	-0.023	0.014	0.047	-0.198	-0.133	-0.055	-0.080	-0.277	0.012	-0.070	0.313
0.132	0.018	0.002	-0.303	0.017	-0.076	0.047	0.004	0.005	0.045	0.205	0.031	0.120	0.079	-0.048	-0.268	0.012	0.022
0.131	0.031	0.189	-0.262	0.121	-0.680	-0.143	0.216	0.083	-0.026	-0.131	-0.827	-0.027	0.066	-0.098	-0.023	0.133	0.850

@2

Performed number of iterations

number of batches: 0
batch size: 0

number of burn-in iterations: 8000
 sample size: 20000
 thinning constant: 1

@2

Raftery-Lewis estimates

	quantile	KThin	BurnIn	NSample	KInd	MinInd	I
sender variance 6pp.dat:	2.5	8	40	11592	22	600	0.05
	50	48	192	626448	143	6147	0.01
	97.5	7	35	8519	21	600	0.07
covariance 6pp.dat, 6pp.dat:	2.5	10	80	24890	31	600	0.02
	50	33	297	924759	160	6147	0.01
	97.5	11	154	31911	42	600	0.02
receiver variance 6pp.dat:	2.5	10	70	18190	34	600	0.03
	50	33	330	1038675	158	6147	0.01
	97.5	8	64	16776	31	600	0.04
density 6pp.dat:	2.5	7	133	31892	60	600	0.02
	50	24	360	1069056	211	6147	0.01
	97.5	8	200	51064	61	600	0.01
reciprocity 6pp.dat:	2.5	6	156	39036	97	600	0.02
	50	24	336	1045416	184	6147	0.01
	97.5	17	187	46818	59	600	0.01
gender	2.5	6	120	29772	64	600	0.02
	50	28	280	860524	164	6147	0.01
	97.5	10	90	20020	35	600	0.03
Aggressiveness	2.5	6	102	26268	52	600	0.02
	50	23	437	1338738	207	6147	0.00
	97.5	8	112	28112	42	600	0.02
isolation	2.5	5	120	30115	69	600	0.02
	50	24	480	1448304	233	6147	0.00
	97.5	10	90	23820	40	600	0.03
acceptance_aggregate	2.5	5	85	22255	68	600	0.03
	50	16	320	979072	192	6147	0.01
	97.5	4	84	21596	46	600	0.03
rejection_aggregate	2.5	7	427	108241	78	600	0.01
	50	38	418	1264488	187	6147	0.00
	97.5	10	280	75510	69	600	0.01
bully	2.5	5	165	42810	56	600	0.01
	50	26	390	1174446	229	6147	0.01
	97.5	8	144	37576	54	600	0.02
gender	2.5	6	120	29772	62	600	0.02
	50	23	253	742394	112	6147	0.01
	97.5	4	80	19840	55	600	0.03
Aggressiveness	2.5	5	130	34220	49	600	0.02
	50	31	248	754726	130	6147	0.01
	97.5	11	99	22891	45	600	0.03
isolation	2.5	4	84	21240	71	600	0.03

	50	27	189	592083	112	6147	0.01
	97.5	3	75	19203	40	600	0.03
acceptance_aggregate	2.5	4	68	17460	55	600	0.03
	50	23	207	645288	136	6147	0.01
	97.5	5	85	21040	46	600	0.03
rejection_aggregate	2.5	7	182	47824	62	600	0.01
	50	19	209	660725	150	6147	0.01
	97.5	6	102	27150	37	600	0.02
bully	2.5	6	78	19542	37	600	0.03
	50	29	203	584466	112	6147	0.01
	97.5	9	81	21546	54	600	0.03
abs_diff_gender	2.5	9	171	45657	57	600	0.01
	50	25	225	681250	161	6147	0.01
	97.5	7	140	37394	42	600	0.02
BestFriend	2.5	5	90	22125	42	600	0.03
	50	25	225	643200	113	6147	0.01
	97.5	3	45	12102	39	600	0.05
Dislike	2.5	9	72	19296	29	600	0.03
	50	31	217	662935	133	6147	0.01
	97.5	5	85	21490	42	600	0.03
BothBoy	2.5	8	192	52376	71	600	0.01
	50	27	297	920403	151	6147	0.01
	97.5	6	138	36828	71	600	0.02