

Supplementary information

Table 5: Quantiles of coefficients computed from 100 bootstrap samples: Sar-clad.

	5%	25%	50%	75%	95%
receiver.avg.sarclad	2.959	3.474	3.931	4.472	5.415
sender.sarclad	0.090	0.523	0.899	1.363	1.993
sender.receiver.abs.diff.sarclad	1.396	1.816	2.386	2.791	4.037
receiver.pair.abs.diff.sarclad	-1.089	-0.522	-0.139	0.326	0.661
repetition	-0.674	1.312	2.784	3.710	5.308
undirected.repetition	0.578	1.561	2.402	3.017	4.118
r.sub.rep.1	-0.355	0.490	0.992	1.437	2.047
r.sub.rep.2	0.866	2.014	3.339	4.163	5.345
s.r.sub.rep.1	-3.060	-1.591	-0.659	0.657	2.177
s.r.sub.rep.2	-1.423	-0.110	1.267	2.760	5.767
receiver.outdeg	-2.002	0.071	0.916	2.012	3.291
sender.indeg	3.272	3.719	4.214	4.645	5.229
reciprocation	-0.269	0.831	1.907	3.132	5.679
past.interaction.among.current.receivers	4.886	6.310	7.911	9.213	11.888
current.interaction.among.past.receivers	-3.541	-2.125	-1.218	-0.527	0.823
transitive.closure	-2.022	-0.810	0.393	1.425	3.268
cyclic.closure	-6.611	-3.428	-2.372	-1.386	0.115

Table 6: Quantiles of coefficients computed from 100 bootstrap samples: Airbus.

	5%	25%	50%	75%	95%
receiver.avg.AB	-0.310	0.107	0.440	1.057	1.698
sender.receiver.abs.diff.AB	-1.201	-0.556	-0.340	-0.023	0.326
repetition	-4.738	-3.508	-2.324	-1.038	0.754
undirected.repetition	0.725	1.821	2.744	3.623	4.866
r.sub.rep.1	-0.187	0.306	0.580	0.899	1.407
s.r.sub.rep.1	-0.674	0.222	0.999	1.848	2.998
receiver.outdeg	-1.906	-1.238	-0.807	-0.397	-0.046
sender.indeg	-0.619	-0.257	0.069	0.319	0.761
reciprocation	1.342	2.530	3.416	4.366	5.366
transitive.closure	0.043	0.921	1.508	2.248	3.001
cyclic.closure	-2.777	-2.003	-1.340	-0.748	0.020

Table 7: Quantiles of coefficients computed from 100 bootstrap samples: ASL.

	5%	25%	50%	75%	95%
undirected.repetition	0.521	1.470	2.536	3.627	6.560
r.sub.rep.1	-0.586	0.397	0.966	1.533	2.454
receiver.outdeg	-0.971	0.000	0.643	1.290	2.322
sender.indeg	-0.839	0.206	0.963	1.710	3.089
current.interaction.among.past.receivers	-3.572	-1.124	0.177	1.572	5.432
transitive.closure	-1120.073	0.582	3.324	4.977	7.567
cyclic.closure	-2194.804	0.388	2.419	4.241	7.376