row	effectName	shortName	endow?	inter1	inter2	parm	ego?
nonSymmetricRate							
63	basic rate parameter xxxxxx	Rate				0	
64	constant xxxxxx rate (period nnnnnn)	Rate				0	
65	outdegree effect on rate xxxxxx	outRate				0	
66	indegree effect on rate xxxxxx	inRate				0	
67	reciprocity effect on rate xxxxxx	recipRate				0	
68	effect 1/outdegree on rate xxxxxx	outRateInv				0	
covarNonSymmetricRate							
171	effect xxxxxx on rate	RateX		xxxxxx		0	
symmetricRate							
73	basic rate parameter xxxxxx	Rate				0	
74	constant xxxxxx rate (period nnnnnn)	Rate				0	
75	degree effect on rate xxxxxx	outRate				0	
76	effect 1/degree on rate xxxxxx	outRateInv				0	
covarSymmetricRate							
170	effect xxxxxx on rate	RateX		xxxxxx		0	
bipartiteRate							
69	basic rate parameter xxxxxx	Rate				0	
70	constant xxxxxx rate (period nnnnnn)	Rate				0	
71	outdegree effect on rate xxxxxx	outRate				0	
72	effect 1/outdegree on rate xxxxxx	outRateInv				0	
covarBipartiteRate							
172	effect xxxxxx on rate	RateX		xxxxxx		0	
behaviorRate							
48	rate xxxxxx period 1	Rate				0	
49	rate xxxxxx (period nnnnnn)	Rate				0	
behaviorOneModeRate							
50	outdegree effect on rate xxxxxx	outRate		yyyyyy		0	
51	indegree effect on rate xxxxxx	inRate		yyyyyy		0	
52	reciprocated effect on rate xxxxxx	recipRate		yyyyyy		0	
53	average exposure effect on rate xxxxxx	avExposure		yyyyyy		0	
54	susceptibility to av. exp. by indegree effect on rate xxxxxx	susceptAvIn		yyyyyy		0	
55	total exposure effect on rate xxxxxx	totExposure		yyyyyy		0	
56	infection by indegree effect on rate xxxxxx	infectIn		yyyyyy		0	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
57	infection by outdegree effect on rate xxxxxx	infectOut		yyyyyy		0	
behaviorSymmetricRate							
58	degree effect on rate xxxxxx	outRate		yyyyyy		0	
covarBehaviorOneModeRate							
59	susceptibility to av. exp. by zzzzzz effect on rate xxxxxx	susceptAvCovar		yyyyyy	zzzzzz	0	
60	infection by zzzzzz effect on rate xxxxxx	infectCovar		yyyyyy	zzzzzz	0	
behaviorBipartiteRate							
61	outdegree effect on rate xxxxxx	outRate		yyyyyy		0	
62	reciprocated effect on rate xxxxxx	recipRate		yyyyyy		0	
covarBehaviorRate							
113	effect yyyyyy on rate xxxxxx	RateX		yyyyyy		0	
nonSymmetricObjective							
124	outdegree (density)	density	TRUE			0	dyadic
125	reciprocity	recip	TRUE			0	dyadic
126	transitive triplets	transTrip	TRUE			0	
127	transitive mediated triplets	transMedTrip	TRUE			0	
128	3-cycles	cycle3	TRUE			0	
129	transitive ties	transTies	TRUE			0	
130	betweenness	between	FALSE			0	
131	balance	balance	TRUE			0	
132	number of actors at distance 2	nbrDist2	FALSE			0	
133	number pairs at doubly achieved distance 2	nbrDist2twice	FALSE			0	
134	dense triads	denseTriads	FALSE			5	
135	indegree - popularity	inPop	TRUE			0	
136	indegree - popularity (sqrt)	inPopSqrt	TRUE			0	
137	outdegree - popularity	outPop	TRUE			0	dyadic
138	outdegree - popularity (sqrt)	outPopSqrt	FALSE			0	dyadic
139	indegree - activity	inAct	FALSE			0	ego
140	indegree - activity (sqrt)	inActSqrt	FALSE			0	ego
141	outdegree - activity	outAct	FALSE			0	
142	outdegree - activity (sqrt)	outActSqrt	FALSE			0	
143	outdegree-trunc(#)	outTrunc	FALSE			5	
144	1/(outdegree + #)	outInv	FALSE			1	
145	GWESP I -> K -> J (#)	gwespFF	FALSE			25	
146	GWESP I <- K <- J (#)	gwespBB	FALSE			25	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
147	GWESP I <- K -> J (#)	gwespFB	FALSE			25	
148	GWESP I -> K <- J (#)	gwespBF	FALSE			25	
149	GWESP I <> K <> J (#)	gwespRR	FALSE			25	
150	1/(outdegree+#)(outdegree+1+#)	outSqInv	FALSE			1	
151	out-out degree^(1/#) assortativity	outOutAss	TRUE			2	
152	out-in degree^(1/#) assortativity	outInAss	TRUE			2	
153	in-out degree^(1/#) assortativity	inOutAss	TRUE			2	
154	in-in degree^(1/#) assortativity	inInAss	TRUE			2	
155	in-struct equivalence	inStructEq	FALSE			0	
dyadObjective							
77	xxxxxx	X	TRUE	xxxxxx		0	dyadic
78	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
79	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
80	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
81	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	
covarNonSymmetricObjective							
97	xxxxxx alter	altX	TRUE	xxxxxx		0	dyadic
98	xxxxxx squared alter	altSqX	TRUE	xxxxxx		0	dyadic
99	xxxxxx ego	egoX	TRUE	xxxxxx		0	ego
100	xxxxxx similarity	simX	TRUE	xxxxxx		0	dyadic
101	xxxxxx similarity x reciprocity	simRecipX	TRUE	xxxxxx		0	dyadic
102	same xxxxxx	sameX	TRUE	xxxxxx		0	dyadic
103	same xxxxxx x reciprocity	sameXRecip	TRUE	xxxxxx		0	dyadic
104	xxxxxx ego x xxxxxx alter	egoXaltX	TRUE	xxxxxx		0	dyadic
105	xxxxxx ego x xxxxxx alter x recipr.	egoXaltXRecip	TRUE	xxxxxx		0	dyadic
106	higher xxxxxx	higher	TRUE	xxxxxx		0	dyadic
107	xxxxxx of indirect ties	IndTies	FALSE	xxxxxx		0	dyadic
108	xxxxxx alter at distance 2 (#)	altDist2	TRUE	xxxxxx		1	dyadic
109	xxxxxx similarity at distance 2	simDist2	TRUE	xxxxxx		0	dyadic
unspecifiedNetInteraction							
173	unspecified interaction effect	unspInt	TRUE			0	
nonSymmetricNonSymmetricObjective							
184	xxxxxx	crprod	TRUE	xxxxxx		0	dyadic
185	reciprocity with xxxxxx	crprodRecip	TRUE	xxxxxx		0	dyadic
186	mutuality with xxxxxx	crprodMutual	TRUE	xxxxxx		0	dyadic

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
187	indegree^(1/#) xxxxxx popularity	inPopIntn	TRUE	xxxxxx		2	dyadic
188	indegree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
189	outdegree^(1/#) xxxxxx popularity	outPopIntn	TRUE	xxxxxx		2	dyadic
190	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
191	both indegrees^(1/#) xxxxxx	both	TRUE	xxxxxx		2	dyadic
192	betweenness^(1/#) xxxxxx popularity	betweenPop	TRUE	xxxxxx		2	dyadic
193	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
194	from xxxxxx mutual agr.	fromMutual	TRUE	xxxxxx		0	dyadic
195	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
196	closure of xxxxxx	closure	TRUE	xxxxxx		0	dyadic
nonSymmetricSymmetricObjective							
175	xxxxxx	crprod	TRUE	xxxxxx		0	dyadic
176	degree^(1/#) xxxxxx popularity	inPopIntn	TRUE	xxxxxx		2	dyadic
177	indegree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
178	outdegree^(1/#) xxxxxx popularity	outPopIntn	TRUE	xxxxxx		2	dyadic
179	degree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
180	both degrees^(1/#) xxxxxx	both	TRUE	xxxxxx		2	dyadic
181	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
182	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
183	closure of xxxxxx	closure	TRUE	xxxxxx		0	dyadic
nonSymmetricBipartiteObjective							
201	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
202	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
covarNetNetObjective							
204	from xxxxxx agr. x same yyyyyy	covNetNet	TRUE	xxxxxx	yyyyyy	0	dyadic
205	yyyyyy alter at distance 2 on xxxxxx (#)	altDist2W	TRUE	xxxxxx	yyyyyy	1	
206	yyyyyy similarity at distance 2 on xxxxxx	simDist2W	TRUE	xxxxxx	yyyyyy	0	
symmetricObjective							
156	degree (density)	density	TRUE			0	ego
157	transitive triads	transTriads	TRUE			0	
158	transitive ties	transTies	TRUE			0	
159	betweenness	between	FALSE			0	
160	balance	balance	TRUE			0	
161	number of actor pairs at distance 2	nbrDist2	FALSE			0	
162	number pairs at doubly achieved distance 2	nbrDist2twice	FALSE			0	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
163	degree of alter	inPop	TRUE			0	
164	sqrt degree of alter	inPopSqrt	TRUE			0	
165	degree^(1.5)	outActSqrt	FALSE			0	
166	outdegree-trunc(#)	outTrunc	FALSE			5	
167	1/(degree + #)	outInv	FALSE			1	
168	1/(degree+#)(degree+1+#)	outSqInv	FALSE			1	
169	degree^(1/#) assortativity	outOutAss	TRUE			2	
dyadObjective							
77	xxxxxx	X	TRUE	xxxxxx		0	dyadic
78	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
79	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
80	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
81	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	
covarSymmetricObjective							
86	xxxxxx	altX	TRUE	xxxxxx		0	dyadic
87	xxxxxx squared	altSqX	TRUE	xxxxxx		0	dyadic
88	xxxxxx similarity	simX	TRUE	xxxxxx		0	dyadic
89	same xxxxxx	sameX	TRUE	xxxxxx		0	dyadic
90	xxxxxx ego x xxxxxx alter	egoXaltX	TRUE	xxxxxx		0	dyadic
91	xxxxxx of indirect ties	IndTies	FALSE	xxxxxx		0	dyadic
92	xxxxxx alter at distance 2 (#)	altDist2	TRUE	xxxxxx		1	dyadic
93	xxxxxx similarity at distance 2	simDist2	TRUE	xxxxxx		0	dyadic
unspecifiedNetInteraction							
173	unspecified interaction effect	unspInt	TRUE			0	
bipartiteObjective							
114	outdegree (density)	density	TRUE			0	dyadic
115	4-cycles	cycle4	TRUE			1	
116	indegree - popularity	inPop	TRUE			0	
117	indegree - popularity (sqrt)	inPopSqrt	TRUE			0	
118	outdegree - activity	outAct	FALSE			0	
119	outdegree - activity (sqrt)	outActSqrt	FALSE			0	
120	outdegree-trunc(#)	outTrunc	FALSE			5	
121	1/(outdegree + #)	outInv	FALSE			1	
122	1/(outdegree+#)(outdegree+1+#)	outSqInv	FALSE			1	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
123	out-in degree^(1/2) assortativity	outInAss	TRUE			2	
dyadObjective							
77	xxxxxx	X	TRUE	xxxxxx		0	dyadic
78	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
79	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
80	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
81	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	
covarBipartiteObjective							
94	xxxxxx alter	altX	TRUE	xxxxxx		0	dyadic
95	xxxxxx squared alter	altSqX	TRUE	xxxxxx		0	dyadic
96	xxxxxx ego	egoX	TRUE	xxxxxx		0	ego
unspecifiedNetInteraction							
173	unspecified interaction effect	unspInt	TRUE			0	
bipartiteNonSymmetricObjective							
197	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
198	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
bipartiteSymmetricObjective							
199	degree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
200	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
bipartiteBipartiteObjective							
203	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
covarNetNetObjective							
204	from xxxxxx agr. x same yyyyyy	covNetNet	TRUE	xxxxxx	yyyyyy	0	dyadic
205	yyyyyy alter at distance 2 on xxxxxx (#)	altDist2W	TRUE	xxxxxx	yyyyyy	1	
206	yyyyyy similarity at distance 2 on xxxxxx	simDist2W	TRUE	xxxxxx	yyyyyy	0	
behaviorObjective							
46	behavior xxxxxx linear shape	linear	TRUE			0	OK
47	behavior xxxxxx quadratic shape	quad	TRUE			0	
behaviorOneModeObjective							
1	behavior xxxxxx average similarity	avSim	TRUE	yyyyyy		0	
2	behavior xxxxxx total similarity	totSim	TRUE	yyyyyy		0	
3	behavior xxxxxx indegree	indeg	TRUE	yyyyyy		0	OK
4	behavior xxxxxx outdegree	outdeg	TRUE	yyyyyy		0	OK
5	behavior xxxxxx isolate	isolate	FALSE	yyyyyy		0	OK

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
6	behavior xxxxxx ave. sim. x reciprocity	avSimRecip	FALSE	yyyyyy		0	
7	behavior xxxxxx tot. sim. x reciprocity	totSimRecip	FALSE	yyyyyy		0	
8	behavior xxxxxx ave. sim. x popularity alter	avSimPopAlt	FALSE	yyyyyy		0	
9	behavior xxxxxx tot. sim. x popularity alter	totSimPopAlt	FALSE	yyyyyy		0	
10	behavior xxxxxx x popularity alter	popAlt	FALSE	yyyyyy		0	OK
11	behavior xxxxxx ave. sim. x rec. x pop. (alter)	avSimRecPop	FALSE	yyyyyy		0	
12	behavior xxxxxx tot. sim. x rec. x pop. (alter)	totSimRecPop	FALSE	yyyyyy		0	
13	behavior xxxxxx average alter	avAlt	TRUE	yyyyyy		0	OK
14	behavior xxxxxx average rec. alters	avRecAlt	FALSE	yyyyyy		0	OK
15	behavior xxxxxx dense triads <maybe wrong>	behDenseTriads	FALSE	yyyyyy		5	OK
16	behavior xxxxxx similarity in dense triads <maybe wrong>	simDenseTriads	FALSE	yyyyyy		5	OK
17	behavior xxxxxx reciprocated degree	recipDeg	FALSE	yyyyyy		0	OK
18	behavior xxxxxx ave. sim. x popularity ego	avSimPopEgo	TRUE	yyyyyy		0	
behaviorSymmetricObjective							
19	behavior xxxxxx average similarity	avSim	TRUE	yyyyyy		0	
20	behavior xxxxxx total similarity	totSim	TRUE	yyyyyy		0	
21	behavior xxxxxx degree	outdeg	TRUE	yyyyyy		0	OK
22	behavior xxxxxx isolate	isolate	FALSE	yyyyyy		0	OK
23	behavior xxxxxx ave. sim. x reciprocity	avSimRecip	FALSE	yyyyyy		0	
24	behavior xxxxxx tot. sim. x reciprocity	totSimRecip	FALSE	yyyyyy		0	
25	behavior xxxxxx ave. sim. x popularity alter	avSimPopAlt	FALSE	yyyyyy		0	
26	behavior xxxxxx tot. sim. x popularity alter	totSimPopAlt	FALSE	yyyyyy		0	
27	behavior xxxxxx x popularity alter	popAlt	FALSE	yyyyyy		0	OK
28	behavior xxxxxx ave. sim. x rec. x pop. (alter)	avSimRecPop	FALSE	yyyyyy		0	
29	behavior xxxxxx tot. sim. x rec. x pop. (alter)	totSimRecPop	FALSE	yyyyyy		0	
30	behavior xxxxxx average alter	avAlt	TRUE	yyyyyy		0	OK
31	behavior xxxxxx average rec. alters	avRecAlt	FALSE	yyyyyy		0	OK
32	behavior xxxxxx dense triads <maybe wrong>	behDenseTriads	FALSE	yyyyyy		5	OK
33	behavior xxxxxx similarity in dense triads <maybe wrong>	simDenseTriads	FALSE	yyyyyy		5	OK
34	behavior xxxxxx ave. sim. x popularity ego	avSimPopEgo	TRUE	yyyyyy		0	
behaviorBipartiteObjective							
35	behavior xxxxxx average similarity	avSim	TRUE	yyyyyy		0	
36	behavior xxxxxx total similarity	totSim	TRUE	yyyyyy		0	
37	behavior xxxxxx outdegree	outdeg	TRUE	yyyyyy		0	OK
38	behavior xxxxxx isolate	isolate	FALSE	yyyyyy		0	OK

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
39	behavior xxxxxx ave. sim. x popularity alter	avSimPopAlt	FALSE	yyyyyy		0	
40	behavior xxxxxx tot. sim. x popularity alter	totSimPopAlt	FALSE	yyyyyy		0	
41	behavior xxxxxx x popularity alter	popAlt	FALSE	yyyyyy		0	OK
42	behavior xxxxxx average alter	avAlt	TRUE	yyyyyy		0	OK
43	behavior xxxxxx dense triads <maybe wrong>	behDenseTriads	FALSE	yyyyyy		0	OK
44	behavior xxxxxx similarity in dense triads <maybe wrong>	simDenseTriads	FALSE	yyyyyy		0	OK
45	behavior xxxxxx ave. sim. x popularity ego	avSimPopEgo	TRUE	yyyyyy		0	
covarBehaviorObjective							
83	behavior xxxxxx: effect from yyyyyy	effFrom	TRUE	yyyyyy		0	OK
unspecifiedBehaviorInteraction							
174	behavior xxxxxx: unspecified interaction	behUnspInt	TRUE			0	