row	effectName	shortName	endow?	inter1	inter2	parm	ego?
nonSymmetricRate							
56	basic rate parameter xxxxxx	Rate				0	
57	constant xxxxxx rate (period nnnnnn)	Rate				0	
58	outdegree effect on rate xxxxxx	outRate				0	
59	indegree effect on rate xxxxxx	inRate				0	
60	reciprocity effect on rate xxxxxx	recipRate				0	
61	effect 1/outdegree on rate xxxxxx	outRateInv				0	
covarNonSymmetricRate							
164	effect xxxxxx on rate	RateX		xxxxxx		0	
symmetricRate							
66	basic rate parameter xxxxxx	Rate				0	
67	constant xxxxxx rate (period nnnnn)	Rate				0	
68	degree effect on rate xxxxxx	outRate				0	
69	effect 1/degree on rate xxxxxx	outRateInv				0	
covarSymmetricRate							
163	effect xxxxxx on rate	RateX		xxxxxx		0	
bipartiteRate							
62	basic rate parameter xxxxxx	Rate				0	
63	constant xxxxxx rate (period nnnnn)	Rate				0	
64	outdegree effect on rate xxxxxx	outRate				0	
65	effect 1/outdegree on rate xxxxxx	outRateInv				0	
covarBipartiteRate							
165	effect xxxxxx on rate	RateX		xxxxxx		0	
behaviorRate							
48	rate xxxxxx period 1	Rate				0	
49	rate xxxxxx (period nnnnn)	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	
behaviorSymmetricRate							
53	degree effect on rate xxxxxx	outRate		yyyyyy		0	
behaviorBipartiteRate							
54	outdegree effect on rate xxxxxx	outRate		yyyyyy		0	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
55	reciprocated effect on rate xxxxxx	recipRate		yyyyyy		0	

covarBehaviorRate

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
106	effect yyyyyy on rate xxxxxx	RateX		yyyyyy		0	

nonSymmetricObjective

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
117	outdegree (density)	density	TRUE			0	dyadic
118	reciprocity	recip	TRUE			0	dyadic
119	transitive triplets	transTrip	TRUE			0	
120	transitive mediated triplets	transMedTrip	TRUE			0	
121	3-cycles	cycle3	TRUE			0	
122	transitive ties	transTies	TRUE			0	
123	betweenness	between	FALSE			0	
124	balance	balance	TRUE			0	
125	number of actors at distance 2	nbrDist2	FALSE			0	
126	number pairs at doubly achieved distance 2	nbrDist2twice	FALSE			0	
127	dense triads	denseTriads	FALSE			5	
128	indegree - popularity	inPop	TRUE			0	
129	indegree - popularity (sqrt)	inPopSqrt	TRUE			0	
130	outdegree - popularity	outPop	TRUE			0	dyadic
131	outdegree - popularity (sqrt)	outPopSqrt	FALSE			0	dyadic
132	indegree - activity	inAct	FALSE			0	ego
133	indegree - activity (sqrt)	inActSqrt	FALSE			0	ego
134	outdegree - activity	outAct	FALSE			0	
135	outdegree - activity (sqrt)	outActSqrt	FALSE			0	
136	outdegree-trunc(#)	outTrunc	FALSE			5	
137	1/(outdegree + #)	outInv	FALSE			1	
138	GWESP I -> K -> J (#)	gwespFF	FALSE			25	
139	GWESP I <- K <- J (#)	gwespBB	FALSE			25	
140	GWESP I <- K -> J (#)	gwespFB	FALSE			25	
141	GWESP I -> K <- J (#)	gwespBF	FALSE			25	
142	GWESP I <> K <> J (#)	gwespRR	FALSE			25	
143	1/(outdegree+#)(outdegree+1+#)	outSqInv	FALSE			1	
144	out-out degree^(1/#) assortativity	outOutAss	TRUE			2	
145	out-in degree^(1/#) assortativity	outInAss	TRUE			2	
146	in-out degree^(1/#) assortativity	inOutAss	TRUE			2	
147	in-in degree^(1/#) assortativity	inInAss	TRUE			2	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
148	in-struct equivalence	inStructEq	FALSE			0	

dyadObjective

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
70	xxxxxx	X	TRUE	xxxxxx		0	dyadic
71	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
72	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
73	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
74	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	

covarNonSymmetricObjective

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
90	xxxxxx alter	altX	TRUE	xxxxxx		0	dyadic
91	xxxxxx squared alter	altSqX	TRUE	xxxxxx		0	dyadic
92	xxxxxx ego	egoX	TRUE	xxxxxx		0	ego
93	xxxxxx similarity	simX	TRUE	xxxxxx		0	dyadic
94	xxxxxx similarity x reciprocity	simRecipX	TRUE	xxxxxx		0	dyadic
95	same xxxxxx	sameX	TRUE	xxxxxx		0	dyadic
96	same xxxxxx x reciprocity	sameXRecip	TRUE	xxxxxx		0	dyadic
97	xxxxxx ego x xxxxxx alter	egoXaltX	TRUE	xxxxxx		0	dyadic
98	xxxxxx ego x xxxxxx alter x recipr.	egoXaltXRecip	TRUE	xxxxxx		0	dyadic
99	higher xxxxxx	higher	TRUE	xxxxxx		0	dyadic
100	xxxxxx of indirect ties	IndTies	FALSE	xxxxxx		0	dyadic
101	xxxxxx alter at distance 2 (#)	altDist2	TRUE	xxxxxx		1	dyadic
102	xxxxxx similarity at distance 2	simDist2	TRUE	xxxxxx		0	dyadic

unspecifiedNetInteraction

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
166	unspecified interaction effect	unspInt	TRUE			0	

nonSymmetricNonSymmetricObjective

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
177	xxxxxx	crprod	TRUE	xxxxxx		0	dyadic
178	reciprocity with xxxxxx	crprodRecip	TRUE	xxxxxx		0	dyadic
179	mutuality with xxxxxx	crprodMutual	TRUE	xxxxxx		0	dyadic
180	indegree^(1/#) xxxxxx popularity	inPopIntn	TRUE	xxxxxx		2	dyadic
181	indegree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
182	outdegree^(1/#) xxxxxx popularity	outPopIntn	TRUE	xxxxxx		2	dyadic
183	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
184	both indegrees^(1/#) xxxxxx	both	TRUE	xxxxxx		2	dyadic
185	betweenness^(1/#) xxxxxx popularity	betweenPop	TRUE	xxxxxx		2	dyadic
186	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
187	from xxxxxx mutual agr.	fromMutual	TRUE	xxxxxx		0	dyadic

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
188	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
189	closure of xxxxxx	closure	TRUE	xxxxxx		0	dyadic
nonSymmetricSymmetricObjective							
168	xxxxxx	crprod	TRUE	xxxxxx		0	dyadic
169	degree^(1/#) xxxxxx popularity	inPopIntn	TRUE	xxxxxx		2	dyadic
170	indegree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
171	outdegree^(1/#) xxxxxx popularity	outPopIntn	TRUE	xxxxxx		2	dyadic
172	degree^(1/#) xxxxxx activity	inActIntn	TRUE	xxxxxx		2	ego
173	both degrees^(1/#) xxxxxx	both	TRUE	xxxxxx		2	dyadic
174	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
175	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
176	closure of xxxxxx	closure	TRUE	xxxxxx		0	dyadic
nonSymmetricBipartiteObjective							
194	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
195	from xxxxxx agreement	from	TRUE	xxxxxx		0	dyadic
covarNetNetObjective							
197	from xxxxxx agr. x same yyyyyy	covNetNet	TRUE	xxxxxx	yyyyyy	0	dyadic
198	yyyyyy alter at distance 2 on xxxxxx (#)	altDist2W	TRUE	xxxxxx	yyyyyy	1	
199	yyyyyy similarity at distance 2 on xxxxxx	simDist2W	TRUE	xxxxxx	yyyyyy	0	
symmetricObjective							
149	degree (density)	density	TRUE			0	ego
150	transitive triads	transTriads	TRUE			0	
151	transitive ties	transTies	TRUE			0	
152	betweenness	between	FALSE			0	
153	balance	balance	TRUE			0	
154	number of actor pairs at distance 2	nbrDist2	FALSE			0	
155	number pairs at doubly achieved distance 2	nbrDist2twice	FALSE			0	
156	degree of alter	inPop	TRUE			0	
157	sqrt degree of alter	inPopSqrt	TRUE			0	
158	degree^(1.5)	outActSqrt	FALSE			0	
159	outdegree-trunc(#)	outTrunc	FALSE			5	
160	1/(degree + #)	outInv	FALSE			1	
161	1/(degree+#)(degree+1+#)	outSqInv	FALSE			1	
162	degree^(1/#) assortativity	outOutAss	TRUE			2	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
dyadObjective							
70	xxxxxx	X	TRUE	xxxxxx		0	dyadic
71	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
72	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
73	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
74	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	
covarSymmetricObjective							
79	xxxxxx	altX	TRUE	xxxxxx		0	dyadic
80	xxxxxx squared	altSqX	TRUE	xxxxxx		0	dyadic
81	xxxxxx similarity	simX	TRUE	xxxxxx		0	dyadic
82	same xxxxxx	sameX	TRUE	xxxxxx		0	dyadic
83	xxxxxx ego x xxxxxx alter	egoXaltX	TRUE	xxxxxx		0	dyadic
84	xxxxxx of indirect ties	IndTies	FALSE	xxxxxx		0	dyadic
85	xxxxxx alter at distance 2 (#)	altDist2	TRUE	xxxxxx		1	dyadic
86	xxxxxx similarity at distance 2	simDist2	TRUE	xxxxxx		0	dyadic
unspecifiedNetInteraction							
166	unspecified interaction effect	unspInt	TRUE			0	
bipartiteObjective							
107	outdegree (density)	density	TRUE			0	dyadic
108	4-cycles	cycle4	TRUE			1	
109	indegree - popularity	inPop	TRUE			0	
110	indegree - popularity (sqrt)	inPopSqrt	TRUE			0	
111	outdegree - activity	outAct	FALSE			0	
112	outdegree - activity (sqrt)	outActSqrt	FALSE			0	
113	outdegree-trunc(#)	outTrunc	FALSE			5	
114	1/(outdegree + #)	outInv	FALSE			1	
115	1/(outdegree+#)(outdegree+1+#)	outSqInv	FALSE			1	
116	out-in degree^(1/2) assortativity	outInAss	TRUE			2	
dyadObjective							
70	xxxxxx	X	TRUE	xxxxxx		0	dyadic
71	xxxxxx x reciprocity	XRecip	TRUE	xxxxxx		0	dyadic
72	WW=>X closure of xxxxxx	WWX	TRUE	xxxxxx		0	dyadic
73	WX=>X closure of xxxxxx	WXX	TRUE	xxxxxx		0	dyadic
74	XW=>X closure of xxxxxx	XWX	TRUE	xxxxxx		0	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
	covarBipartiteObjective						
87	xxxxxx alter	altX	TRUE	xxxxxx		0	dyadic
88	xxxxxx squared alter	altSqX	TRUE	xxxxxx		0	dyadic
89	xxxxxx ego	egoX	TRUE	xxxxxx		0	ego
	unspecifiedNetInteraction						
166	unspecified interaction effect	unspInt	TRUE			0	
	bipartiteNonSymmetricObjective						
190	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
191	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
	bipartiteSymmetricObjective						
192	degree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
193	xxxxxx to agreement	to	TRUE	xxxxxx		0	dyadic
	bipartiteBipartiteObjective						
196	outdegree^(1/#) xxxxxx activity	outActIntn	TRUE	xxxxxx		2	dyadic
	covarNetNetObjective						
197	from xxxxxx agr. x same yyyyyy	covNetNet	TRUE	xxxxxx	yyyyyy	0	dyadic
198	yyyyyy alter at distance 2 on xxxxxx (#)	altDist2W	TRUE	xxxxxx	yyyyyy	1	
199	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
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	

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
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
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

row	effectName	shortName	endow?	inter1	inter2	parm	ego?
45	behavior xxxxxx ave. sim. x popularity ego	avSimPopEgo	TRUE	yyyyyy		0	
covarBehaviorObjective							
76	behavior xxxxxx: effect from yyyyyy	effFrom	TRUE	yyyyyy		0	OK
unspecifiedBehaviorInteraction							
167	behavior xxxxxx: unspecified interaction	behUnspInt	TRUE			0	