

Model	Formula	N of parameters	Estimates of parameters	QAIC
Closed units	1	0		45463.4489
Rapid dissociation and preferred companions	a1	1	a1=0.27939	2029.2496
Casual acquaintances	exp(-a1*td)	1	a1=0.0029282	3756.225
Rapid dissociation and casual acquaintances	a2exp(-a1*td)	2	a1=-4.4145e-05 a2=0.2736	2031.0291
Rapid dissociation and preferred companions and casual acquaintances	a2+a3*exp(-a1*td)	3	a1=9.0265 a2=0.28043 a3=-961.6312	2032.1782
Preferred companions and casual acquaintances	a2+(1-a2)*exp(-a1*td)	2	a1=31.1708 a2=0.27944	2031.2496
Two levels of casual acquaintances	a3*exp(-a1*td) +(1-a3)*exp(-a2*td)	3	a1=0.72416 a2=-7.7253e-05 a3=0.73406	2046.2065
Rapid disassociation and two levels of casual acquaintances	a3*exp(-a1*td) +a4*exp(-a2*td)	4	a1=34.8877 a2=-4.4002e-05 a3=33.5248 a4=0.27357	2035.0291