Table A1.1: Exponential Random Graph Models; fixed meso-level (actor-forums) network. Count, model parameter, t-score for parameter, with */**/*** signifying 90/95/99% significance.
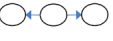
Config.	See Wang et al. 2014	All-Ties	Passive Surveillance	Both Active and Passive Surveillance	Education and Awareness	Research and Development
	ArcA	[643] -7.82 (-48.56)***	[156] -8.73 (-35.49)***	[321] -8.72 (-46.36)***	[218] -8.56 (-39.25)***	[238] -7.41 (-57.91)***
	ReciprocityA	[125] 4.74 (25.10)***	[24] 3.66 (8.86)***	[58] 4.30 (15.53)***	[21] 3.04 (7.32)***	[36] 4.03 (13.25)***
	T1A	[38] -0.13 (-0.89)	*[0] no convergence*	[4] -1.05 (-2.14)**	*[0] no convergence*	[38] *no convergence*
	SinkA	[125] 1.44 (4.30)***	[55] 0.70 (1.10)	[101] 1.59 (3.36)***	[106] 2.56 (4.75)***	[65] *no convergence*
	SourceA	[26] -0.02 (-0.04)	[17] -1.31 (-2.07)**	[22] -1.32 (-2.47)***	[22] -2.62 (-4.22)***	[23] *no convergence*
	AinSA	[623.9] 0.39 (2.03)**	[100.8] 1.13 (2.54)***	[240.8] 1.19 (3.89)***	[111.8] 1.93 (5.27)***	[194.4] *no convergence*
	AoutSA	[832.1] 0.89 (5.34)***	[171.4] 1.13 (3.16)***	[390.3] 0.91 (3.43)***	[270. 9] 0.12 (0.35)	[271.3] *no convergence*
	SenderA	[247] 0.73 (6.48)***	[76] 0.43 (1.91)*	[151] 0.66 (4.28)***	[113] 1.02 (4.95)***	[105] 1.83 (8.74)***
	_ReceiverA	[172] 0.09 (0.50)	[44] -0.62 (-1.50)	[81] -0.37 (-1.37)	[42] 0.17 (0.47)	[55] 0.35 (1.12)
	_InteractionA	[57] -0.47 (-2.50)***	[31] 0.55 (1.38)	[44] 0.02 (0.08)	[26] -0.86 (-2.21)**	[27] -0.93 (-2.83)***
	_MatchA	[186] 0.62 (7.86)***	[49] 0.65 (3.90)***	[96] 0.64 (5.82)***	[56] 0.45 (2.70)***	[71] 0.69 (4.99)***
	In2StarAX	[1616] 0.23 (7.49)***	[439] 0.23 (3.76)***	[809] 0.21 (4.61)***	[441] 0.05 (0.85)	[588] 0.25 (6.32)***
	Out2StarAX	[1992] 0.15 (7.82)***	[627] 0.12 (3.29)***	[1135] 0.13 (5.27)***	[991] 0.19 (5.72)***	[791] 0.21 (6.89)***
	TXAXarc	[422] -0.07 (-1.69)*	[173] -0.10 (-1.35)	[265] -0.08 (-1.50)	[232] 0.11 (1.59)	[188] -0.01 (-0.25)

Table A1.2: Goodness-of-fit. Selected parameters in addition to fitted configurations from Table A1: Count, average from simulated graphs, t-score for difference, */**/*** signifying 90/95/99% significance. Note all fitted parameters reports <0.2 t-scores (Table A1). Only configurations where model convergence was not achieved are shown here.
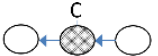
Config.	See Wang et al. 2014	All-Ties	Passive Surveillance	Both Active and Passive Surveillance	Education and Awareness	Research and Development
	SinkA					[65] 71.8 (-1.153)
	SourceA					[23] 48.7 (-4.62)***
	AinSA					[194.4] 139.5 (2.882)***
	AoutSA					[271.3] 192.3 (3.5)***
	TwoPathA	[6895] 5544.2 (1.99)**	[512] 420.0 (0.57)	[1847] 1672.6 (0.58)	[766] 874.1 (-0.44)	[1071] 894.0 (1.068)
	Cyclic-Triad	[189] 140.6 (1.45)	[7] 18.9 (-0.976)	[38] 34.0 (0.35)	[19] 26.4 (-0.53)	[38] 13.7 (3.559)***
	T1A		[0] 4.5 (-1.259)		[0] 6.0 (-1.40)	[7] 2.5 (2.2)**
	_Mix2Star010A	[4784] 4279.1 (2.014)**	[308] 365.4 (0.292)	[1315] 1343.0 (0.80)	[495] 749.3 (-0.90)	[613] 810.3 (-0.371)