

HCW CONTACT NETWORKS

	Sparse	Moderate	Dense
n (num. vertices)	6,875	6,875	6,875
m (num. edges)	82,199	174,739	332,766
$\langle k \rangle$ (mean degree)	23.91	50.83	96.8
k_{max} (max. degree)	321	635	1,115
σ (std. dev. degree dist.)	32.84	62.86	113.877
σ_{rand} (std. dev. degree dist. $G(n, p)$)	4.90	7.06	9.77
cc (clust. coeff.)	0.3109	0.3906	0.4379
cc_{rand} (clust. coeff. $G(n, p)$)	0.003516	0.007476	0.01414
c (num. components)	873	293	144
c_{rand} (num. components $G(n, p)$)	1	1	1
n_{giant} (num. vertices giant comp.)	5,838 (84.92%)	6,547 (95.23%)	6,702 (97.48%)
m_{giant} (num. edges giant comp.)	81,935	174,687	332,717
$diam$ (diam. giant comp.)	11	13	12
$\langle \ell \rangle$ (ave. path len. giant comp.)	3.592	3.131	2.746