

Table 5: Network topological parameter values for pancreatic cancer genes

(Note: Yellow represent above average values and positive z-score values are in blue)

Entrez gene id	Degree	z-score	Entrez gene id	Betweenness Centrality	z-score	Entrez gene id	Closeness Centrality	z-score
8517	152	-0.58082	7157	0.128248	0.648222	207	0.5	-0.08899
5925	145	0.077052	207	0.122433	-0.08899	7157	0.484375	0.648222
3551	133	-0.05046	5925	0.110585	0.077052	1956	0.476923	0.276701
4089	117	-0.46903	1956	0.108125	0.276701	4088	0.473282	-0.46183
1147	108	-0.11619	6774	0.097933	-0.28556	6774	0.473282	-0.28556
4088	90	-0.46183	3845	0.086223	-0.63861	5599	0.466165	-0.5906
7157	90	0.648222	7048	0.084455	6.732673	5894	0.459259	0.149358
1019	89	-0.03808	5594	0.068058	-0.09857	4087	0.452555	-0.65432
4087	86	-0.65432	5970	0.06804	0.019268	5594	0.452555	-0.09857
4790	69	0.142269	5894	0.068031	0.149358	5925	0.452555	0.077052
5970	64	0.019268	4088	0.057918	-0.46183	5290	0.433566	-0.45576
5894	63	0.149358	5879	0.054343	-0.54148	5970	0.430556	0.019268
1956	62	0.276701	998	0.054097	-0.56926	1147	0.424658	-0.11619
1029	61	0.195612	5296	0.046994	0.102216	5296	0.424658	0.102216
1869	60	-0.14186	4089	0.044173	-0.46903	5295	0.421769	-0.40723
5888	59	-0.26065	5295	0.041168	-0.40723	7048	0.421769	6.732673
595	56	-0.43502	10928	0.033664	-0.25148	2064	0.418919	0.434754
5604	51	-0.22843	5294	0.03363	-0.04015	3716	0.418919	-0.0012
675	46	3.248524	4087	0.032177	-0.65432	8503	0.416107	-0.29846
6774	44	-0.28556	7046	0.031543	-0.4375	598	0.413333	-0.41462
207	43	-0.08899	5290	0.030745	-0.45576	998	0.413333	-0.56926
5594	41	-0.09857	5599	0.029896	-0.5906	4089	0.413333	-0.46903
572	40	0.229365	8503	0.025025	-0.29846	595	0.410596	-0.43502
598	37	-0.41462	1147	0.024608	-0.11619	7046	0.410596	-0.4375
1021	31	-0.68611	1029	0.021635	0.195612	3845	0.407895	-0.63861
5295	27	-0.40723	2064	0.017772	0.434754	3551	0.405229	-0.05046
5595	27	0.076033	9459	0.017511	-0.35418	5601	0.405229	-0.42152
7046	27	-0.4375	5293	0.017005	0.055575	1029	0.402597	0.195612
5296	26	0.102216	5898	0.015806	-0.42911	5291	0.402597	-0.31528
5599	26	-0.5906	598	0.015031	-0.41462	6772	0.397436	-0.26068
2064	24	0.434754	1019	0.013861	-0.03808	8517	0.394904	-0.58082
7048	24	6.732673	7040	0.013342	-0.01712	9459	0.392405	-0.35418

6772	22	-0.26068	595	0.012718	-0.43502	673	0.389937	-0.0776
673	21	-0.0776	3716	0.012532	-0.0012	5595	0.385093	0.076033
3845	19	-0.63861	6772	0.01193	-0.26068	572	0.382716	0.229365
3716	13	-0.0012	208	0.010963	-0.39163	1019	0.382716	-0.03808
5290	13	-0.45576	5601	0.009545	-0.42152	4790	0.378049	0.142269
5601	12	-0.42152	5291	0.008347	-0.31528	208	0.373494	-0.39163
5291	10	-0.31528	369	0.00816	0.041434	5602	0.373494	-0.57025
5602	10	-0.57025	673	0.007915	-0.0776	5879	0.371257	-0.54148
10928	10	-0.25148	8517	0.007835	-0.58082	5604	0.369048	-0.22843
998	9	-0.56926	4790	0.006678	0.142269	7040	0.366864	-0.01712
1950	9	0.206478	3551	0.00646	-0.05046	1869	0.358382	-0.14186
5879	9	-0.54148	5604	0.005132	-0.22843	675	0.356322	3.248524
8503	9	-0.29846	1869	0.005119	-0.14186	842	0.356322	-0.13915
5293	8	0.055575	572	0.004031	0.229365	1950	0.352273	0.206478
5294	8	-0.04015	5595	0.003687	0.076033	369	0.344444	0.041434
5898	8	-0.42911	675	0.002609	3.248524	1021	0.342541	-0.68611
208	7	-0.39163	5337	0.001953	0.119374	5293	0.333333	0.055575
369	7	0.041434	842	0.001283	-0.13915	5888	0.329787	-0.26065
7040	7	-0.01712	5602	0.001154	-0.57025	7039	0.324607	-0.59497
9459	7	-0.35418	1021	0.00034	-0.68611	1870	0.313131	-0.31306
1870	6	-0.31306	1870	0	-0.31306	1871	0.313131	-0.41116
7422	6	-0.24623	1871	0	-0.41116	7042	0.311558	-0.45282
1871	4	-0.41116	1950	0	0.206478	5898	0.306931	-0.42911
5337	4	0.119374	5880	0	-0.3491	5294	0.302439	-0.04015
5899	4	-0.45971	5881	0	0.030712	5881	0.302439	0.030712
5900	4	0.484636	5888	0	-0.26065	5337	0.300971	0.119374
7043	4	-0.26079	5899	0	-0.45971	7043	0.298077	-0.26079
23533	4	0.085846	5900	0	0.484636	5900	0.29108	0.484636
842	3	-0.13915	7039	0	-0.59497	10928	0.283105	-0.25148
7039	2	-0.59497	7042	0	-0.45282	23533	0.233083	0.085846
7042	2	-0.45282	7043	0	-0.26079	5899	0.221429	-0.45971
5881	1	0.030712	7422	0	-0.24623	5880	0	-0.3491
5880	0	-0.3491	10000	0	-0.13042	7422	0	-0.24623
10000	0	-0.13042	23533	0	0.085846	10000	0	-0.13042