

Supplementary Table 2 - Properties of modules created after different iterations

Iterations		1	2	3	4
Modules		1430	884	742	724
% Overlap					
P-value	Mean	0.000143	0.00011	0.000101	0.000116
	Median	9.3E-07	1.39E-06	1.04E-06	1.6E-06
	Min	0	3.5E-286	3.6E-197	4.1E-158
	Max	0.00171	0.00121	0.00115	0.00126
	25th percentile	2.26E-10	1.19E-09	6.39E-10	1.4E-09
Gene Sets		10978	10978	10978	10978
Enriched Sets		6633	5763	5339	5461
Enrichments (Gene Sets)		466489	203102	147833	173981
Modules Enriched with Gene Sets		1430	884	689	723
Enrichments/Modules	Mean	326.2168	229.7545	214.2522	240.3052
	Median	162	92	65.5	81
	Min	1	1	1	1
	Max	2855	2352	2264	2142
Sample attributes		364	364	364	364
Enriched Attributes		182	153	134	135
Enrichments (Attributes)		6959	2453	1535	1457
Modules Enriched with Attributes		1090	523	413	405
Attributes/Modules	Mean	6.385321	4.683206	3.710145	3.591133
	Median	6	4	3	3
	Min	1	1	1	1
	Max	19	17	16	14
Attribute Pvalue	Mean	0.000152	9.9E-05	7.5E-05	7.34E-05
	Median	5.59E-05	3.85E-05	3.46E-05	3.48E-05
	Min	5.9E-21	3.32E-19	9.23E-17	2.93E-19
	Max	0.000775	0.000488	0.000356	0.00034