

Resolution of ranking hierarchies in directed networks

S2 Table

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Numerical results

For each network and for each class, the table contains the size of the class, n_i , as a percentage of the total number of nodes), the value of h , and the number of sub-classes inferred (R).

* empty

Table 1: **Simulated graphs, details for classes**

cl.	$s = 0.001$			$s = 0.002$			$s = 0.005$			$s = 0.01$		
	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R
1	<0.01	1*	1	0.03	1	3	0.03	1	11	0.03	0.95	12
2	0.03	1	3	0.03	1	3	0.03	1	8	0.06	0.93	5
3	0.03	1	4	0.03	0.88	3	0.03	1	7	0.06	0.93	6
4	0.03	1	3	0.03	1	4	0.03	0.98	7	0.09	0.93	5
5	0.03	1	3	0.03	1	3	0.06	0.97	7	0.09	0.94	5
6	0.03	1	3	0.03	1	4	0.06	0.97	7	0.095	0.95	5
7	0.03	1	3	0.03	1	5	0.06	0.97	10	0.09	0.94	6
8	0.03	1	2	0.03	1	5	0.06	0.97	9	0.09	0.93	6
9	0.03	1	3	0.03	1	3	0.06	0.96	8	0.09	0.94	7
10	0.03	1	2	0.03	1	4	0.06	0.97	8	0.09	0.94	6
11	0.03	1	3	0.03	1	4	0.06	0.97	11	0.06	0.93	6
12	0.03	1	2	0.045	0.99	5	0.06	0.97	6	0.06	0.94	7
13	0.03	1	4	0.05	0.99	6	0.06	0.97	10	0.03	0.87	10
14	0.03	1	2	0.05	0.99	8	0.06	0.97	8	0.03	0.91	16
15	0.03	1	3	0.05	0.98	7	0.06	0.97	7			
16	0.03	1	2	0.05	0.99	6	0.06	0.97	7			
17	0.03	1	3	0.04	0.99	5	0.03	0.94	7			
18	0.03	1	3	0.03	1	5	0.03	1	6			
19	0.03	1	3	0.03	1	4	0.03	1	9			
20	0.03	1	3	0.03	1	5	0.03	1	7			
21	0.03	1	3	0.03	1	4						
22	0.03	1	3	0.03	1	4						
23	0.03	1	3	0.03	1	4						
24	0.03	1	3	0.03	1	3						
25	0.03	1	5	0.03	1	4						
26	0.03	1	3	0.03	1	5						
27	0.03	1	3	0.03	1	4						
28	0.03	1	3	0.03	1	3						
29	0.03	1	2	0.03	1	5						
30	0.03	1	3									
31	0.03	1	4									
32	0.03	1	3									
33	0.03	1	3									
34	<0.01	1*	1									
cl.	$s = 0.048$			$s = 0.112$			$s = 0.224$			$s = 0.448$		
	$n_i(\%)$	h	R	$n_i(\%)$	h	R	$n_i(\%)$	h	R	$n_i(\%)$	h	R
1	0.06	0.71	4	0.18	0.44	4	0.27	0.21	3	0.51	0.03	2
2	0.16	0.70	6	0.32	0.42	5	0.48	0.20	3	0.49	0.03	2
3	0.22	0.67	7	0.32	0.42	4	0.26	0.21	3			
4	0.22	0.67	7	0.18	0.44	4						
5	0.19	0.69	7									
6	0.12	0.72	4									
7	0.03	0.35	5									