

Resolution of ranking hierarchies in directed networks

S3 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).

Table 1: **Real networks: details for classes**

cl.	Wikivote			HiggsReply			HiggsMention			Amazon		
	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R	$n_i(\%)$	h^*	R
1	0.67	1*	1	0.60	0.03	2	0.77	0.13	2	0.02	< 0.01	3
2	0.01	0	1	0.31	0.34	2	0.16	0.78	4	0.03	0.01	3
3	< 0.01	0.24	3	0.04	0.64	2	0.03	0.78	3	0.10	0.01	3
4	0.01	0.38	6	0.01	1	2	0.01	0.80	2	0.20	0.01	5
5	0.02	0.26	5	< 0.01	0.50	2	< 0.01	0.81	2	0.25	0.05	6
6	0.04	0.23	6	< 0.01	1	2	< 0.01	0.85	2	0.20	0.08	6
7	0.06	0.20	5	< 0.01	1	3	< 0.01	0.53	2	0.11	0.08	6
8	0.09	0.32	8	< 0.01	0.67	5	< 0.01	0.65	3	0.06	0.07	5
9	0.08	0.72	10	0.01	0.24	2	< 0.01	0.66	4	0.02	0.06	5
10	0.04	1	2	< 0.01	0.83	2	< 0.01	0.55	4	0.01	0.05	5
11	< 0.01	0	1	< 0.01	1*	1	< 0.01	0.59	7	< 0.01	0.06	4
12	< 0.01	1*	1	< 0.01	1*	1	< 0.01	0.46	6	< 0.01	0.05	4
13				< 0.01	1*	1	< 0.01	0.60	6	< 0.01	0.04	3
14							< 0.01	0.66	6	< 0.01	0.05	4
15							< 0.01	0.82	1	< 0.01	0.07	3
16							< 0.01	0.69	1	< 0.01	0.05	3
17							< 0.01	1*	1	< 0.01	0	1
18							< 0.01	1*	1			
19							< 0.01	1*	1			
20							< 0.01	1*	1			

* empty