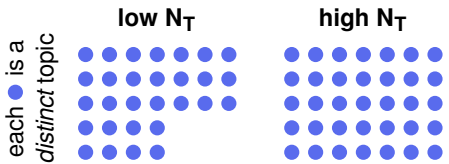
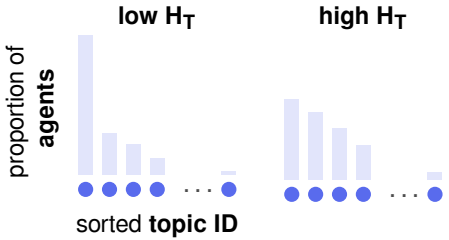
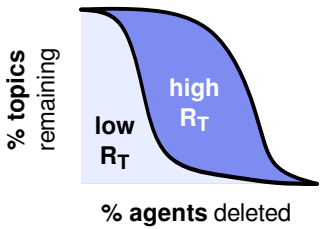
N_T number of *distinct* topics

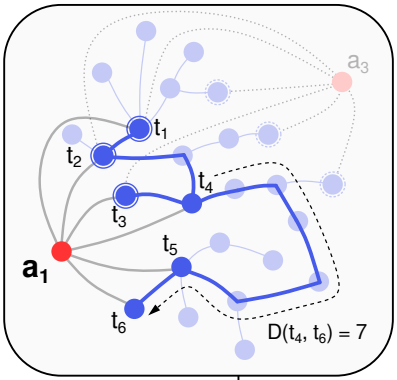


H_T topic entropy



R_T robustness of topics (*random* agent removal)

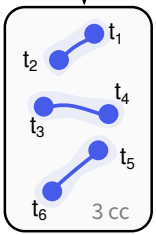


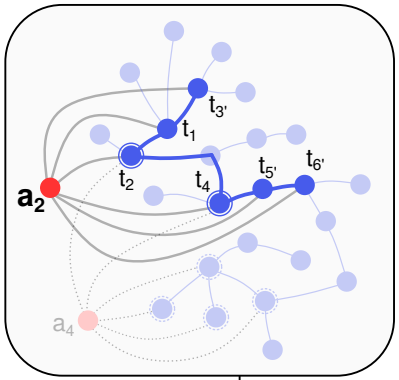


topic *distances* from topic graph

	t_1	t_2	t_3	t_4	t_5	t_6
t_1	0	1	4	3	9	10
t_2		0	3	2	8	9
t_3			0	1	7	8
t_4				0	6	7
t_5					0	1
t_6						0

induced subgraph

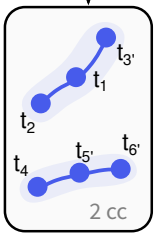




topic *distances* from topic graph

	t_1	t_2	$t_{3'}$	t_4	$t_{5'}$	$t_{6'}$
t_1	0	1	1	3	4	5
t_2		0	2	2	3	4
$t_{3'}$			0	4	5	6
t_4				0	1	2
$t_{5'}$					0	1
$t_{6'}$						0

induced subgraph



$d_g(a_i)$ global topic **distance** for agent a_i $\quad d_g(a_1) > d_g(a_2)$

$n_{cc}(a_i)$ # connected components for a_i $\quad n_{cc}(a_1) = 3 > n_{cc}(a_2) = 2$

Js_T as mean topic **overlap** via mean pairwise Jaccard similarity

$J(\tau[a_1], \tau[a_3]) = 3/9 > J(\tau[a_2], \tau[a_4]) = 2/10$