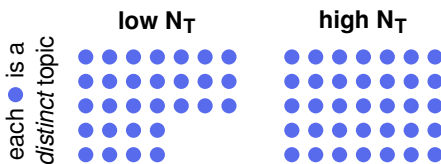
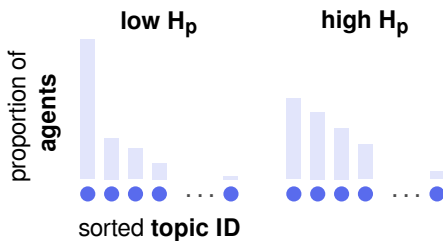


d topic diversity - population

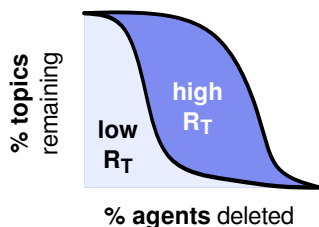
N_T number of *distinct* topics



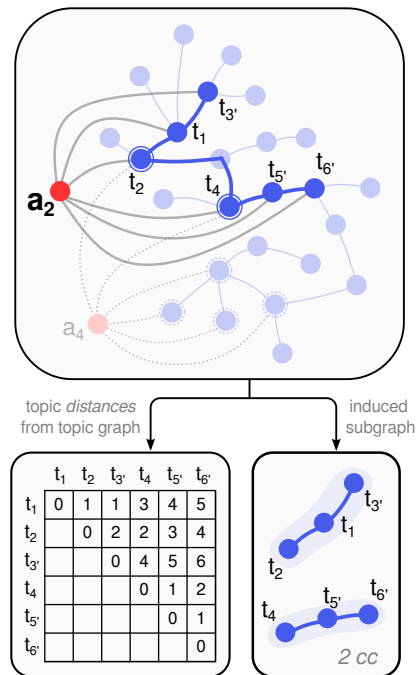
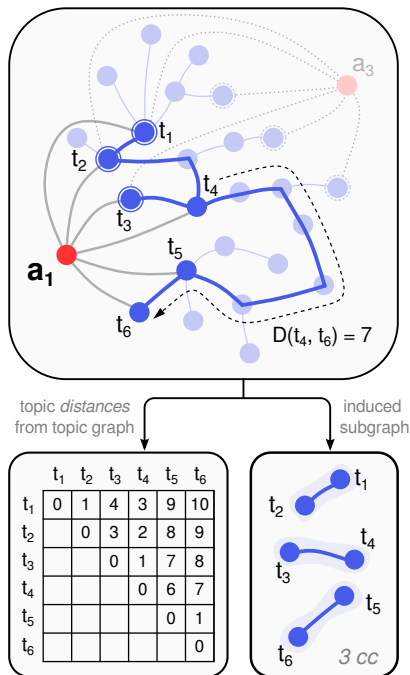
H_p population topic **entropy**



R_T **robustness** of topics
(*random* agent removal)



e topic diversity - individual



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

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

J_{ST} as mean topic **overlap** via mean pairwise Jaccard similarity

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