

Herd immunity in a network

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Herd immunity

Disease types

Networks

How did we (Nikolai) code the shit outta this motherfucker?

Herd immunity

- R_0 : 'basic reproduction number'
Avg. no. of people infected pr. person
- p_c : critical proportion of pop. immunized
$$p_c = 1 - 1/R_0$$
- Herd immunity passively protects whole population

The types of networks we be bitchin' up.

I love you. And I miss you.

Walkthrough of random, small world, scale free and custom networks.

The simulations

How we simul'ed.

Results

