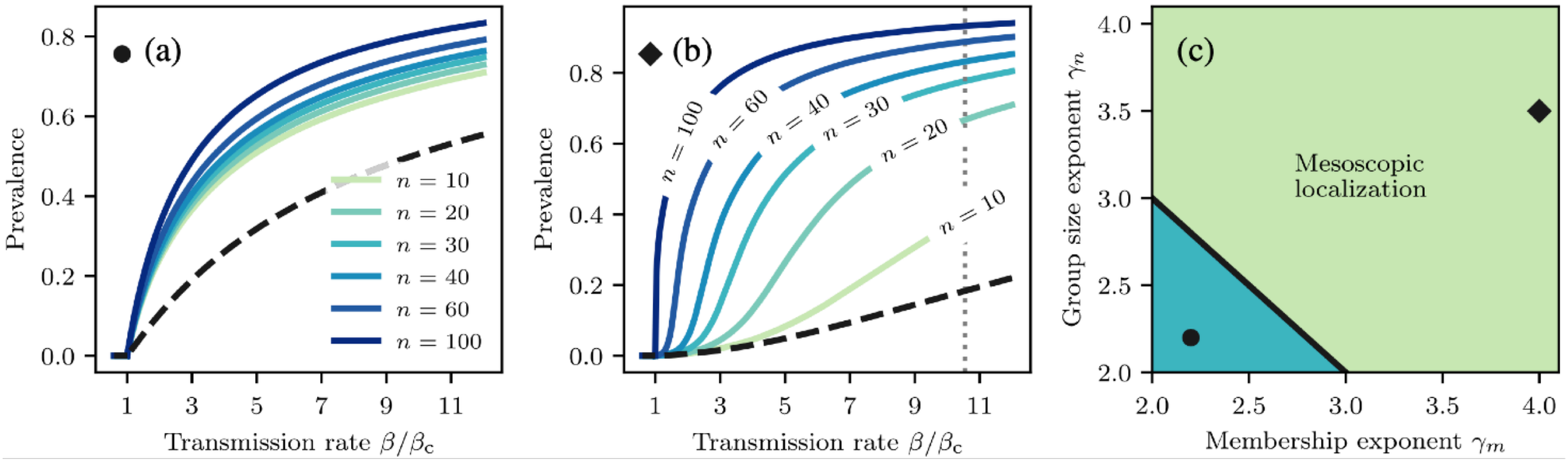
Mesocopic localization

Message #2: Mesoscopic localization is the rule rather than the exception.

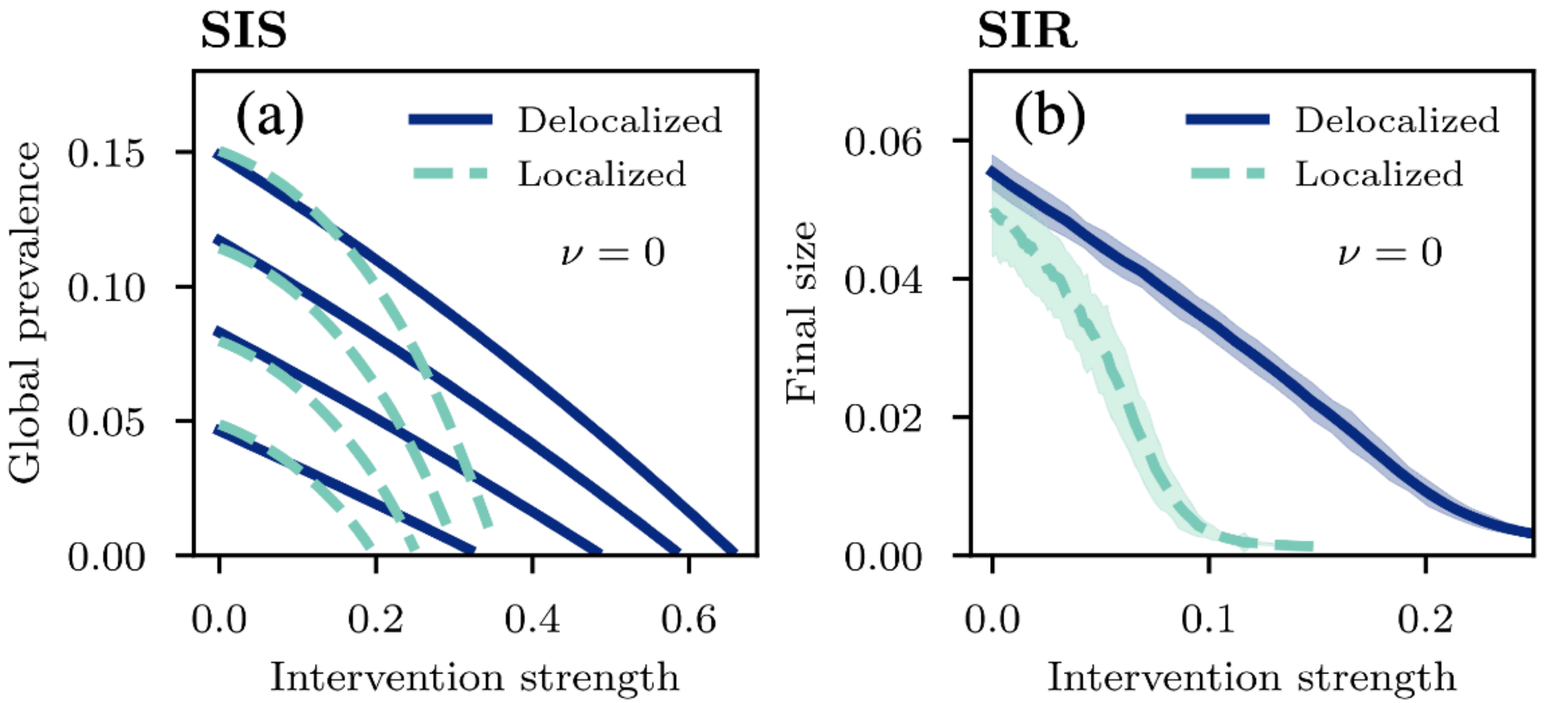


$$\Theta_{n,i,\beta} = \beta\ i\ n^{-\nu}$$
$$\nu \in [0, 1]$$
$$p_n \propto n^{-\gamma_n}$$
$$g_m \propto m^{-\gamma_m}$$
$$\mu = 1$$

Mesocopic localization

Message #3: Mesoscopic localization offers an opportunity for efficient interventions.

Intervention: enforcing a hard cutoff, $n_{\max}$, on the size of groups;
the lower $n_{\max}$ is, the stronger is the intervention.



$$\Theta_{n,i,\beta} = \beta\, i\, n^{-\nu}$$
$$\nu \in [0, 1]$$
$$p_n \propto n^{-\gamma_n}$$
$$g_m \propto m^{-\gamma_m}$$
$$\mu = 1$$
$$\gamma_m = \gamma_n = 3.5$$