

Mesoscopic localization

Message #1: Mesoscopic localization can be observed.

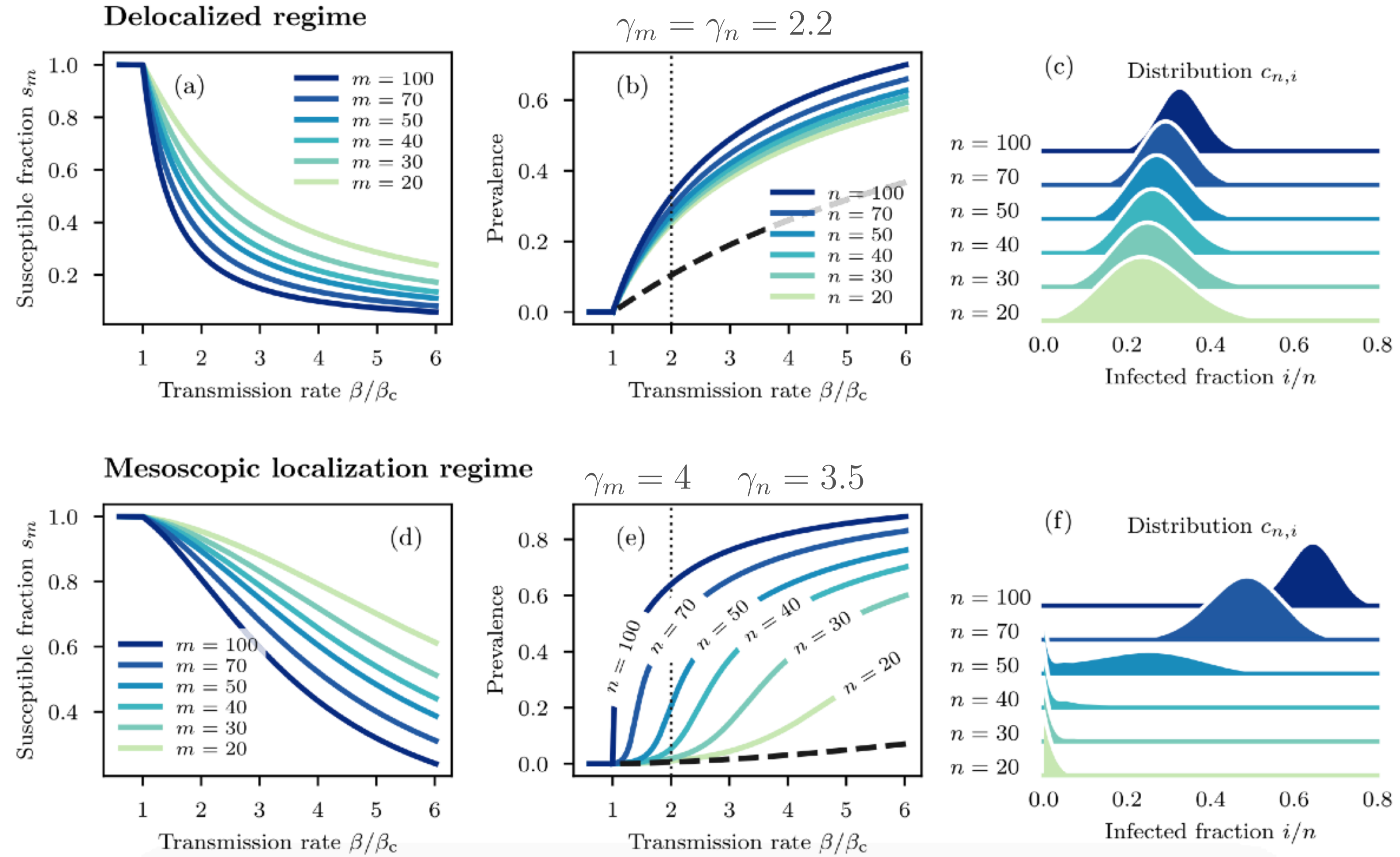
$$\Theta_{n,i,\beta} = \beta i n^{-\nu}$$

$$\nu \in [0, 1]$$

$$p_n \propto n^{-\gamma_n}$$

$$g_m \propto m^{-\gamma_m}$$

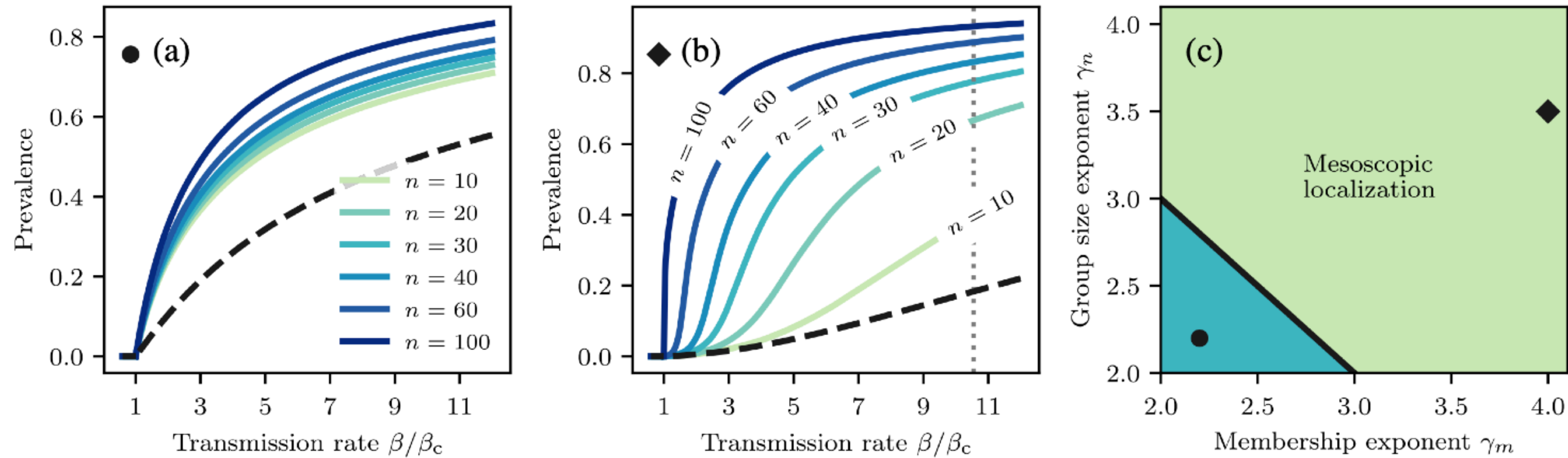
$$\mu = 1$$



Notation: $s_m = S_m$ and $c_{n,i} = G_{n,i}$. β_c is the epidemic threshold.

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



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$$\mu = 1$$