## Community-Structured Networks (Salathé and Jones) 90% of Between-Community Edges Rewired $\beta$ =0.2, 10.0% Immunized $\mathsf{Acq}(G',G)$ $^{-50}$ Mean $\longrightarrow$ Acq $(\overline{G},G)$ $\longrightarrow$ S.R.D. $\longrightarrow$ Acq(G,G) $\rightarrow$ Acq(G', G')Mean Outbreak Size Random Immunization: 0.64 10 20 30 50 40 60 70 80 Percent of Nodes Missing From Sample