## Community-Structured Networks (Salathé and Jones) 90% of Between-Community Edges Rewired $\beta$ =1.7, 10.0% Immunized $\longrightarrow$ Acq(G',G)Bet -30 Mean Deg $\longrightarrow$ Acq $(\overline{G}, G)$ $\longrightarrow$ S.R.D. $\longrightarrow$ Acq(G,G) $\rightarrow$ Acq(G', G')Mean Outbreak Size Random Immunization: 79.72 10 20 30 40 50 60 70 80 Percent of Nodes Missing From Sample