Simulated prevalence ratio when assortativity ranges between 0.1 and 0.3 1.25 1.5 1.75 8 **-**6 **-**4 **-**2 **-**1.5 30 -20 -2.2 10-30 -20 ω 10 -0 α 40 -Frequency 20 -0 -1.25 75 **-**50 **-**1.5 4.5 25 -1.75 0 80 -60 -40 -20 -0 -5.2 100 -75 -50 -25 -0 -100 -75 -50 -25 -0 -0 Prevalence ratio