Traceplots for SIR model fit via PMMH w/approximate paths -42.5 log – posterior -45.0 -47.5 -50.0 -52.5 **-**6e-04 5e-04 4e-04 β 3e-04 2e-04 0.2 -Ŧ 0.1 Chain 0.6 0.4 ρ 0.2 0.95 $Pr(X_j(t_1) = S)$ 0.90 0.85 0.075 $Pr(X_j(t_1)\!=\!I)$ 0.050 0.025 0.15 - $Pr(X_j(t_1) = R)$ 0.10 0.05 Ö 10000 20000 30000 40000 50000 Iteration