Traceplots for SIR model fit via BDA -2000 log-posterior -3000 -4000 -5000 6e-04 **-**4e-04 β 2e-04 0.3 -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 0.80 0.09 $Pr(X_j(t_1)\!=\!I)$ 0.06 0.03 0.20 $Pr(X_j(t_1) = R)$ 0.15 0.10 0.05 0.00 50000 0 25000 75000 100000 Iteration