Graphical convergence check

Figure A: MCMC chains
### Maximum likelihood estimation results

**Table A: SAR estimation**

| Dependent variable: |         |       |
|---------------------|---------|-------|
| $B_1(DIST)$         | $-13.372^{***}$ | (3.357) |
| $B_2(DIST)$         | $-9.237^{***}$  | (3.239) |
| $B_3(DIST)$         | $-11.799^{***}$ | (4.041) |
| CRIM                | $-0.109^{***}$  | (0.033) |
| TAX                 | $-0.005^{**}$   | (0.002) |
| AGE                 | $-0.059^{***}$  | (0.013) |
| INDUS               | $-0.303^{***}$  | (0.060) |
| INTERCEPT           | $22.583^{***}$  | (2.455) |

| Observations        | 506     |
| Log Likelihood      | -1,574.987 |
| $\rho$              | 0.69493 |
| $\sigma^2$          | 25.249  |
| Akaike Inf. Crit.   | 3.169.974 |
| Wald Test           | 520.068^{***} (df = 1) |
| LR Test             | 303.378^{***} (df = 1) |

*Note:* *p<0.1; **p<0.05; ***p<0.01