

Appendix 3

ERGM Goodness-of-Fit (GOF) Plots

The following three figures display the results of the goodness-of-fit tests for each of the local, regional, and multi-level network ERGMs. The plots are provided to show the ERGMs converged and were not degenerate, as evidenced by the ability of the models to adequately capture the observed structures in the empirical networks.

Figure A3.1: GOF plots for the local-level ERGM

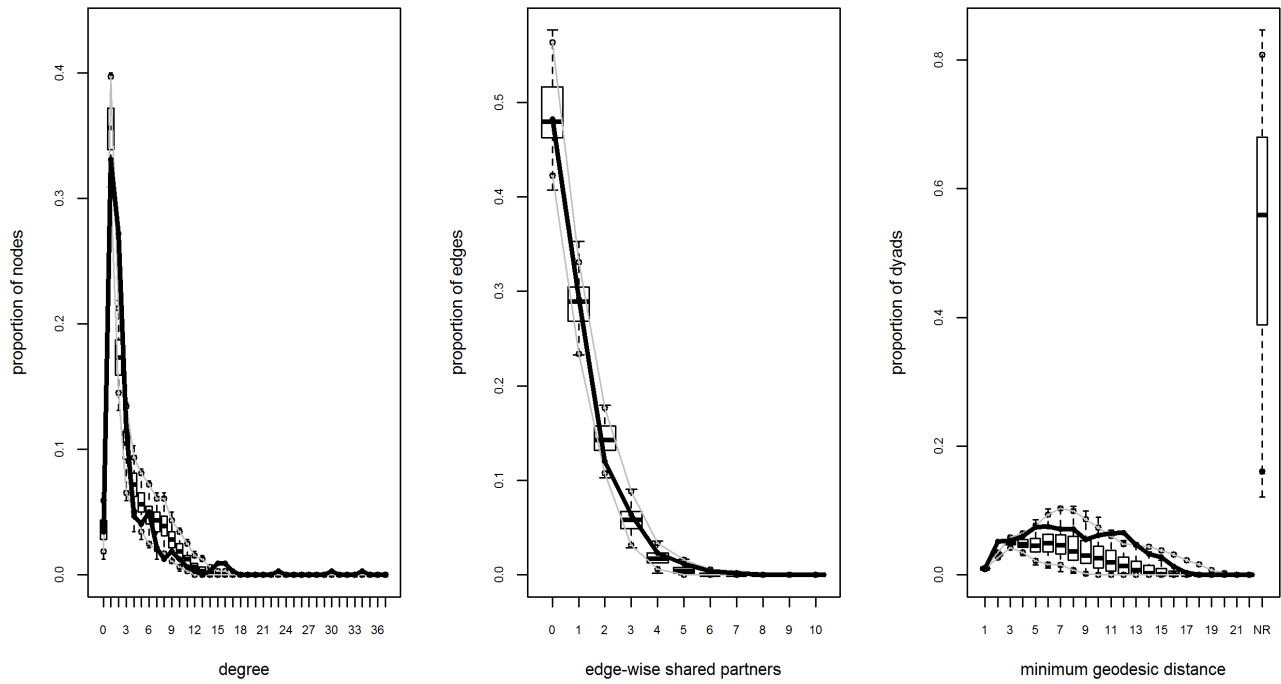


Figure A3.2: GOF plots for the regional-level ERGM

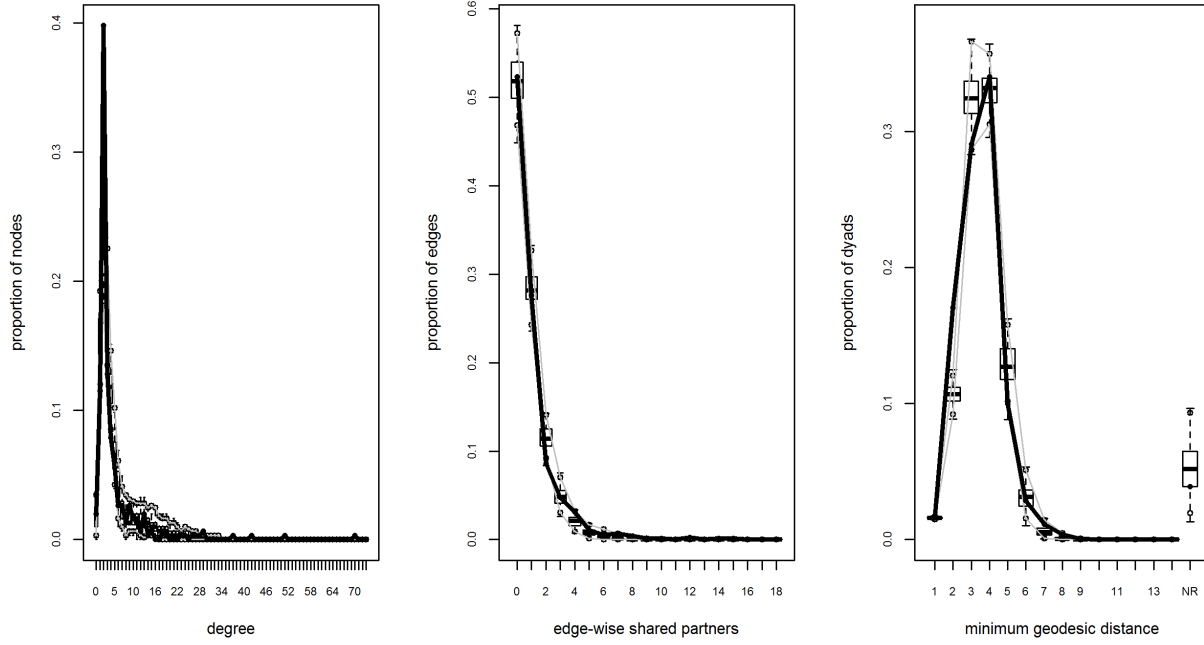


Figure A3.3: GOF plots for the multi-level ERGM

