

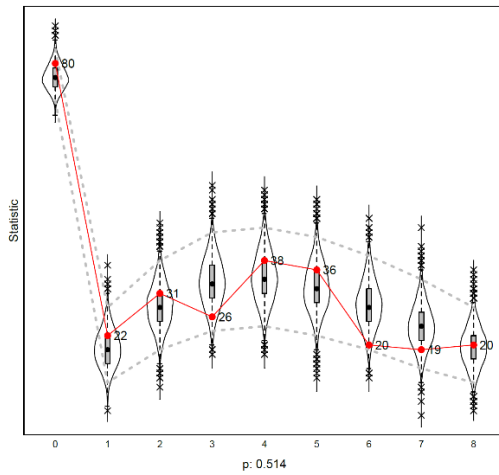
Electronic Supplementary Materials

Examining homogeneity across grade-level networks

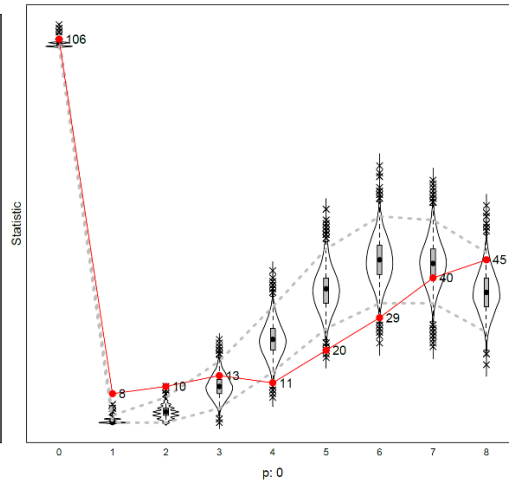
To examine whether friendship selection and peer influence operated equally for students across 6th, 7th, and 8th grades, we included dummy effects to examine potential differences across grades. We found that several friendship selection processes varied across the middle school grades such that (a) other race homophily was significantly lower among friends in grade 8 vs. grade 7 (est. = -0.27, $p < .05$) suggesting that friendships for older youth were less segregated by other race; (b) popularity as a potential friend was less predictive of friendship selection processes of 7th graders compared to 6th graders (est. = -0.08, $p < .05$), (c) activity in sending out friendship nominations was more predictive of friendship selection processes of 7th graders compared to 6th graders (est. = 0.07, $p < .05$), and (d) activity in sending out friendship nominations was more predictive of friendship selection processes of 8th graders compared to 7th graders (est. = 0.11, $p < .05$). No significant grade-related heterogeneity was observed in peer selection and influence effects on FNE and gender. Finally, having included effects to account for the noted differences, our joint score-type tests for grade heterogeneity revealed that there were no longer significant differences across grades ($\chi^2(20) = 20.33$, $p = 0.44$), suggesting that the parameter estimates were homogeneous across grades. This means that, having controlled for the above noted differences, the remainder of our friend selection and influence parameters were similar across grades.

Goodness of Fit: Grade 6

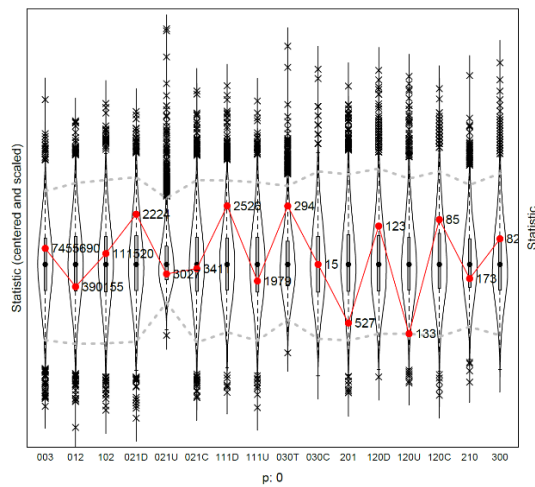
Goodness of Fit of IndegreeDistribution



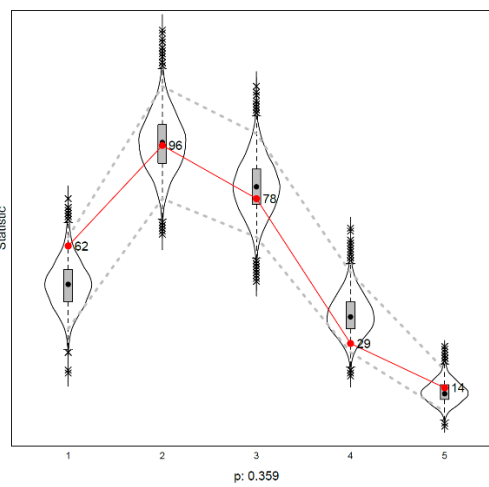
Goodness of Fit of OutdegreeDistribution



Goodness of Fit of TriadCensus

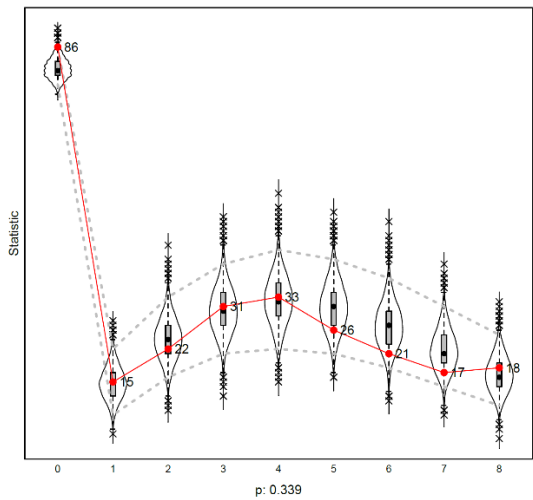


Goodness of Fit of BehaviorDistribution

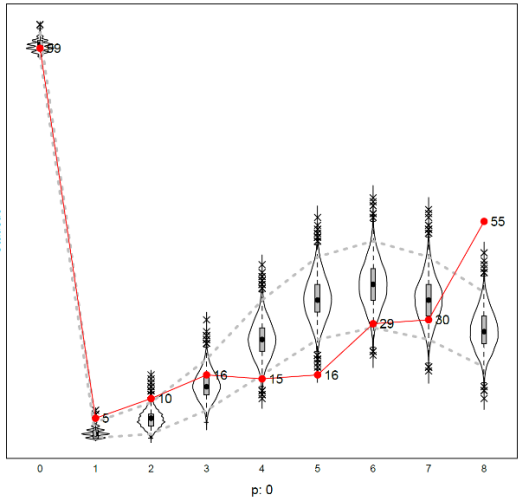


Goodness of Fit: Grade 7

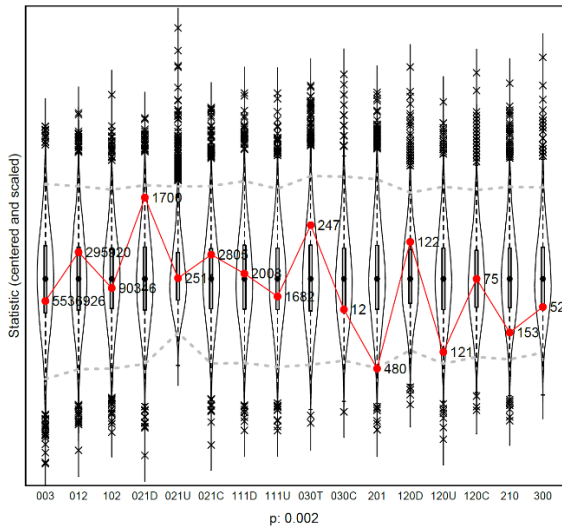
Goodness of Fit of IndegreeDistribution



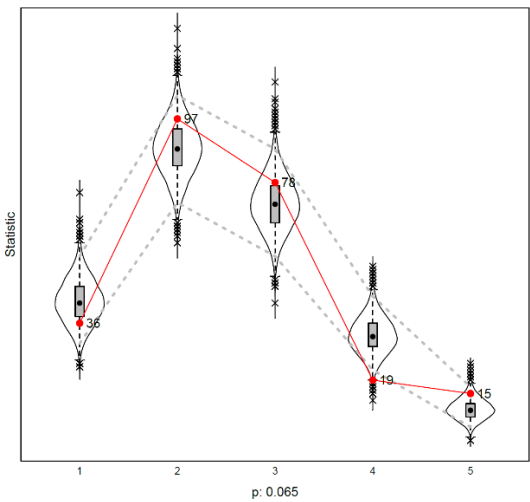
Goodness of Fit of OutdegreeDistribution



Goodness of Fit of TriadCensus

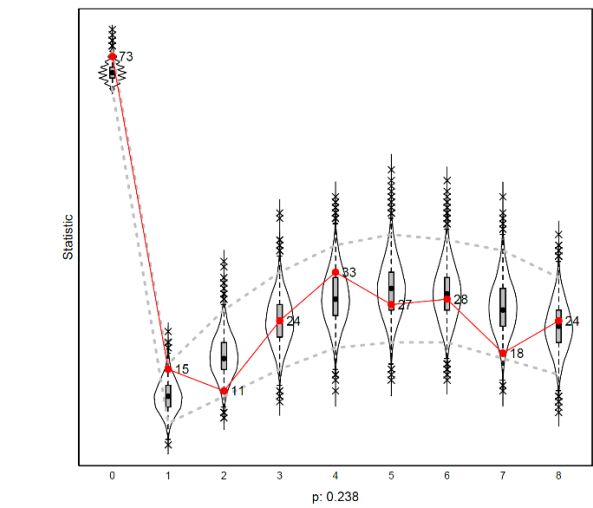


Goodness of Fit of BehaviorDistribution

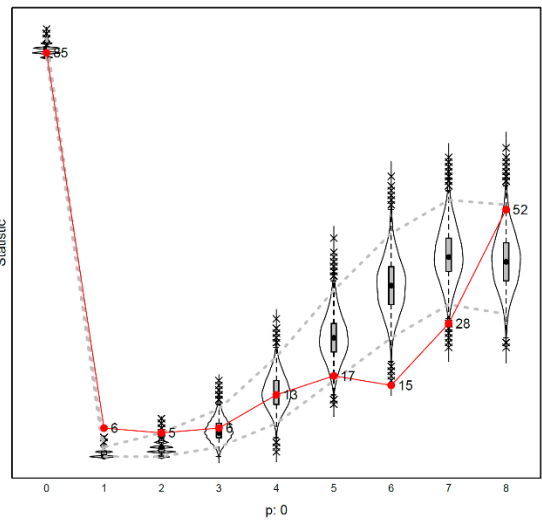


Goodness of Fit: Grade 8

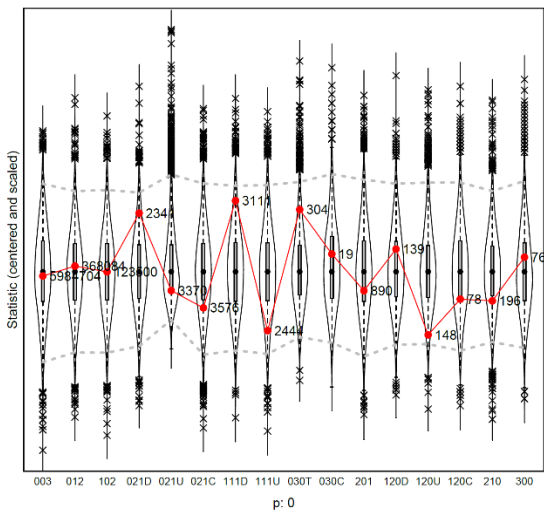
Goodness of Fit of IndegreeDistribution



Goodness of Fit of OutdegreeDistribution



Goodness of Fit of TriadCensus



Goodness of Fit of BehaviorDistribution

