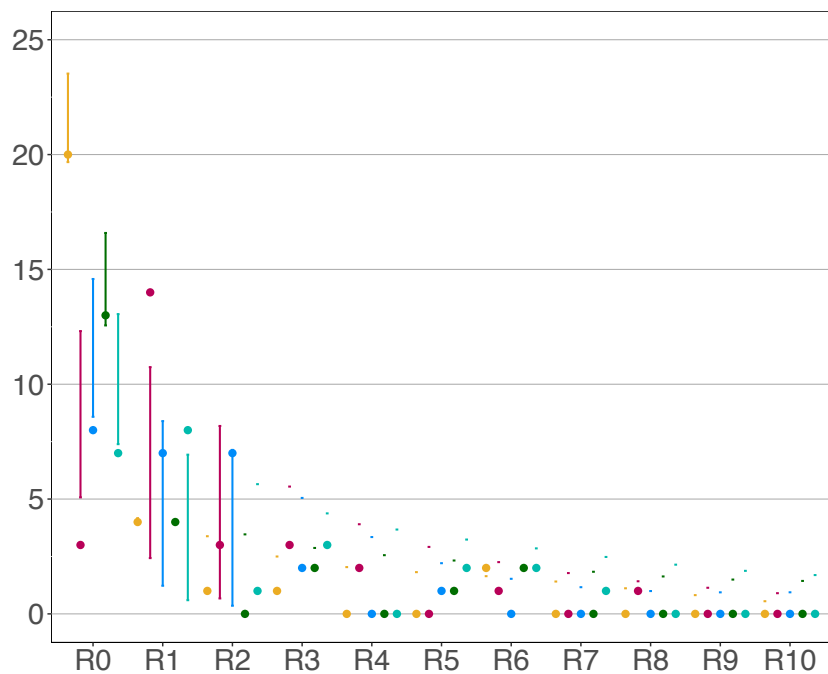


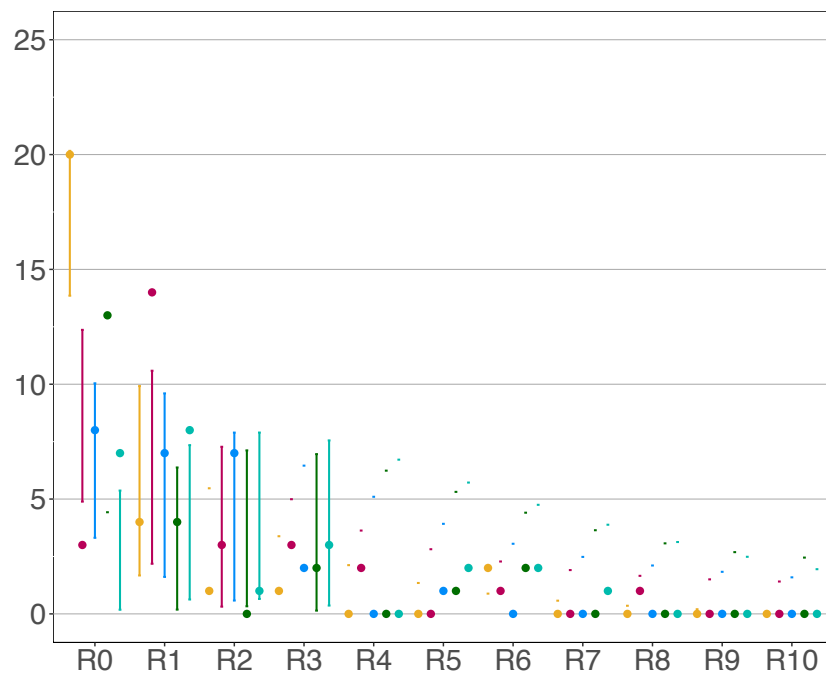




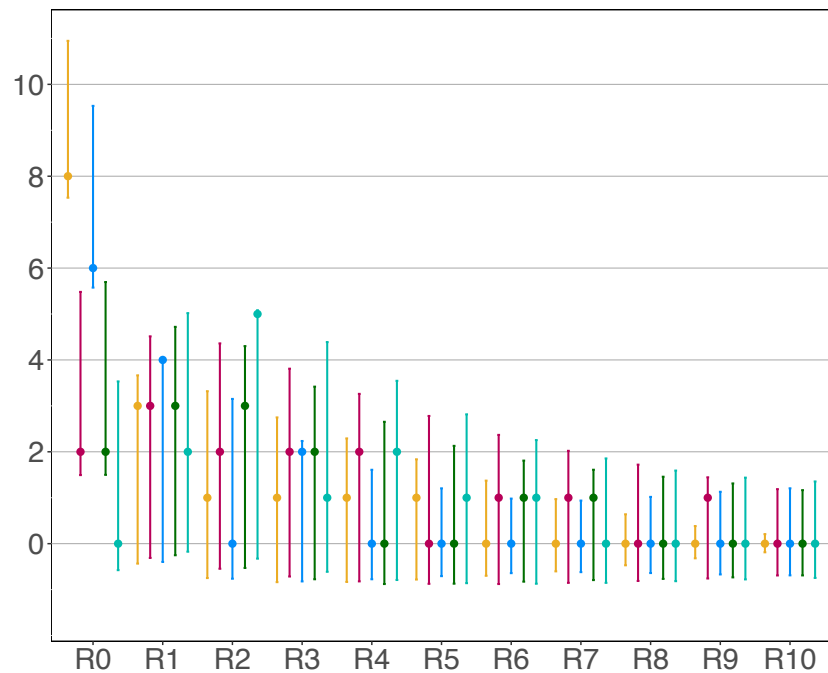
a)



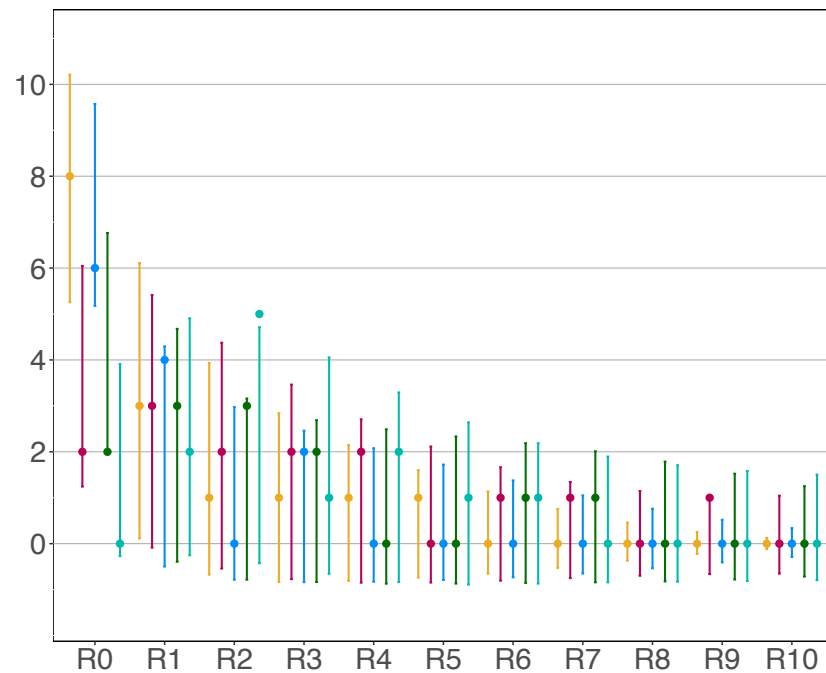
b)



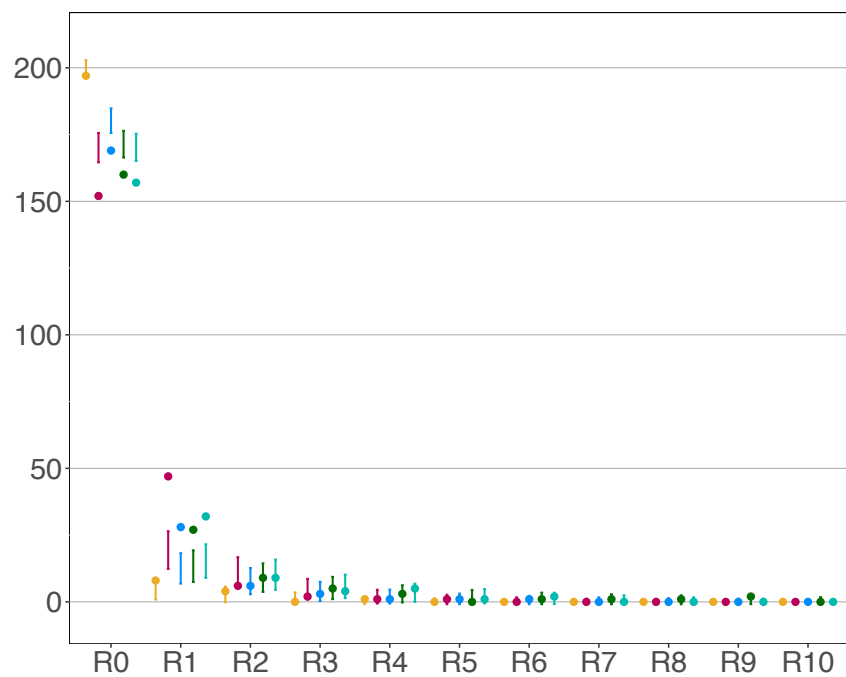
c)



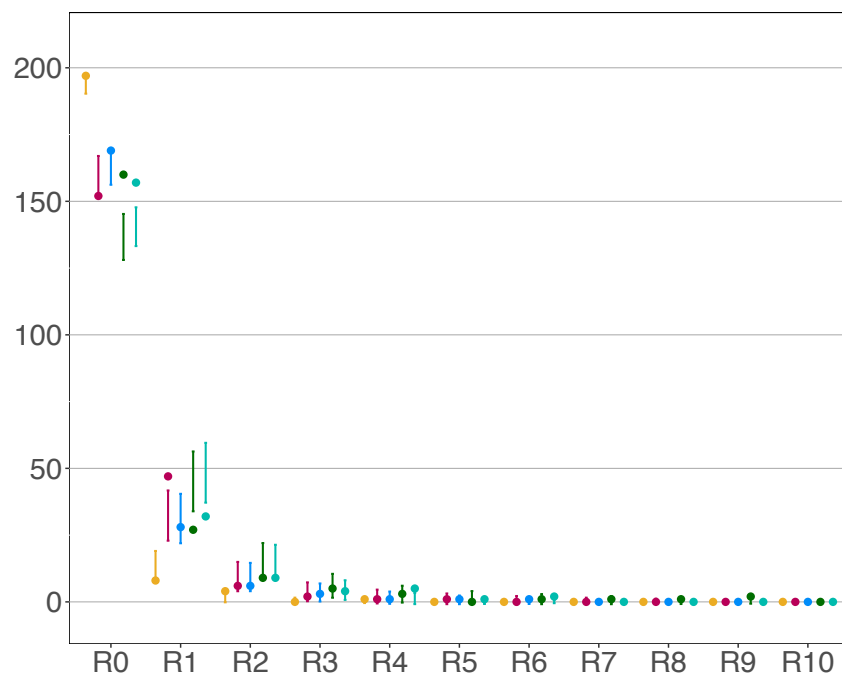
d)



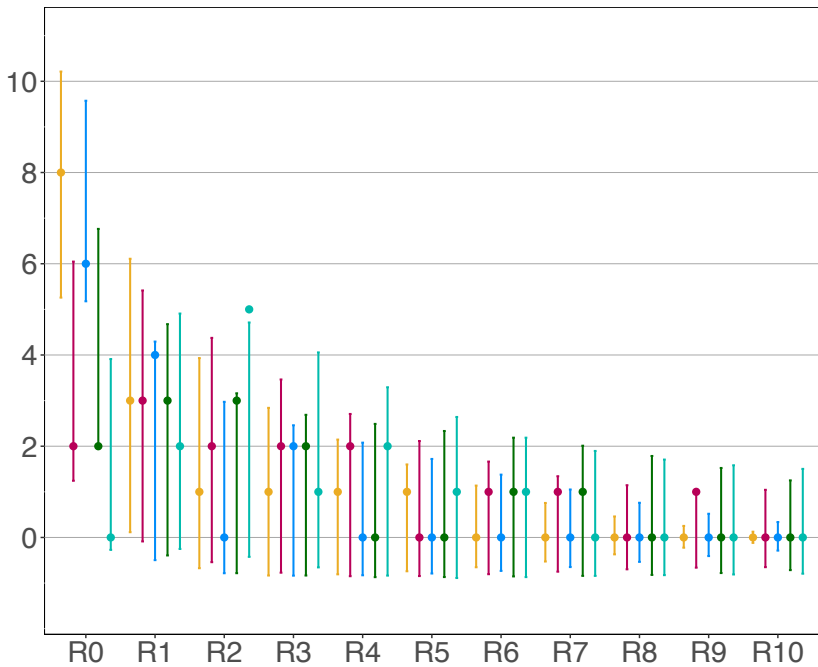
e)



f)



coauthor facebook leisure lunch work

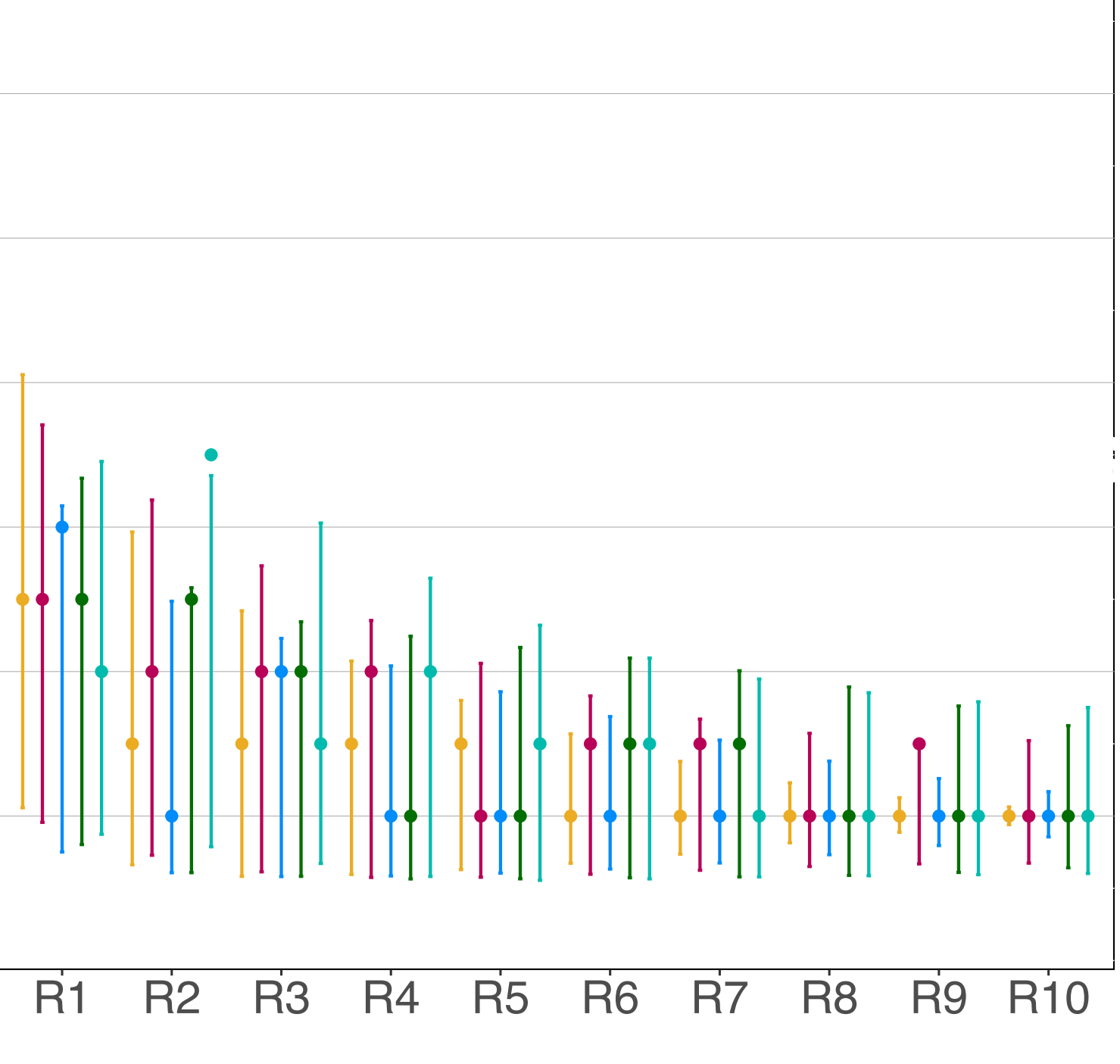




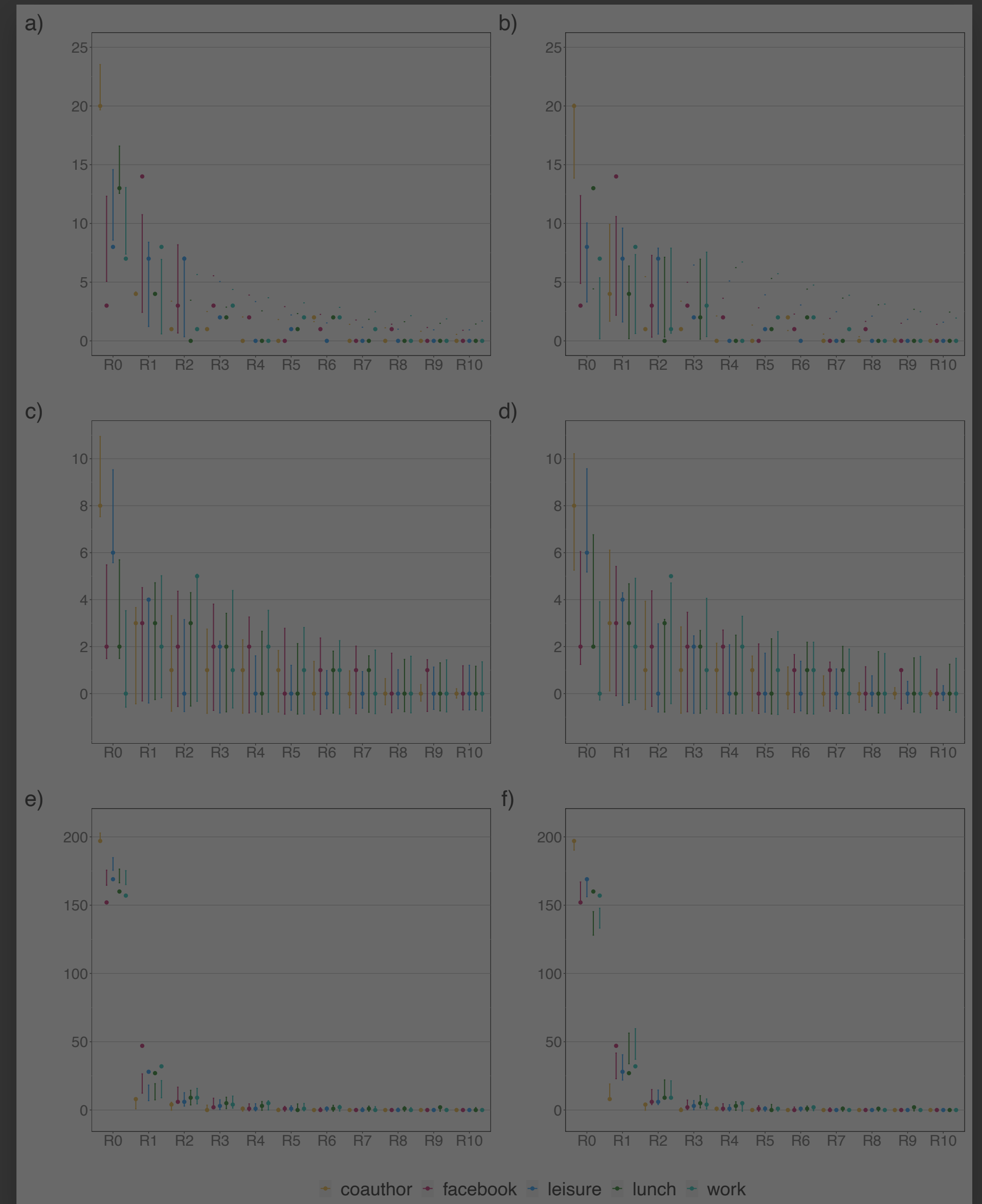


# representation of network data

ed on research group



edge multiplicity sequence  $R_k$  under  
the IEAS model (RSM approximation)



# multigraph representation of network data

- probability models
- statistics to analyze structural features under these models
- closed expressions for moments of many such statistics
- formal goodness of fit tests