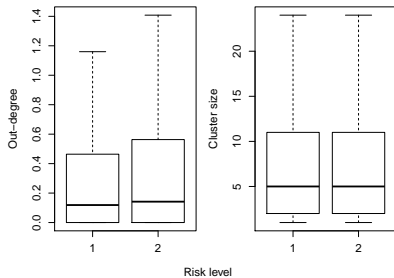
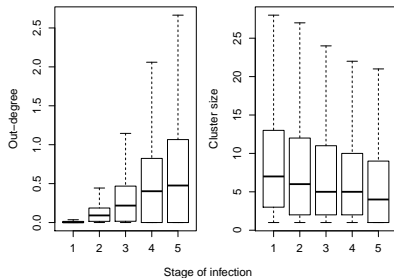


(a)



(b)



(c)

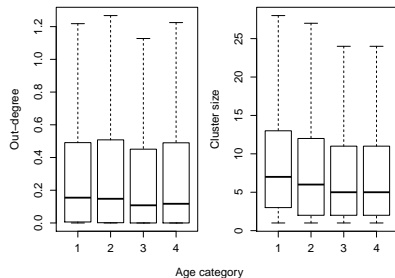


Figure 1: Distribution of out-degrees and cluster sizes by (a) risk level: transmission rate was defined in the model as 10 times higher for risk level 2 relative to risk level 1; (b) stage of infection: relative transmission rates in the model were respectively 10, 1, 1, 1 and 3 for stages 1 to 5 of infection; (c) age category: transmission rates were equal for all 4 age categories in the model. Values are aggregated from 100 simulation replicates. Outliers are not shown. Distance threshold for clustering algorithm is 1.5%.