Network with shorter path lengths
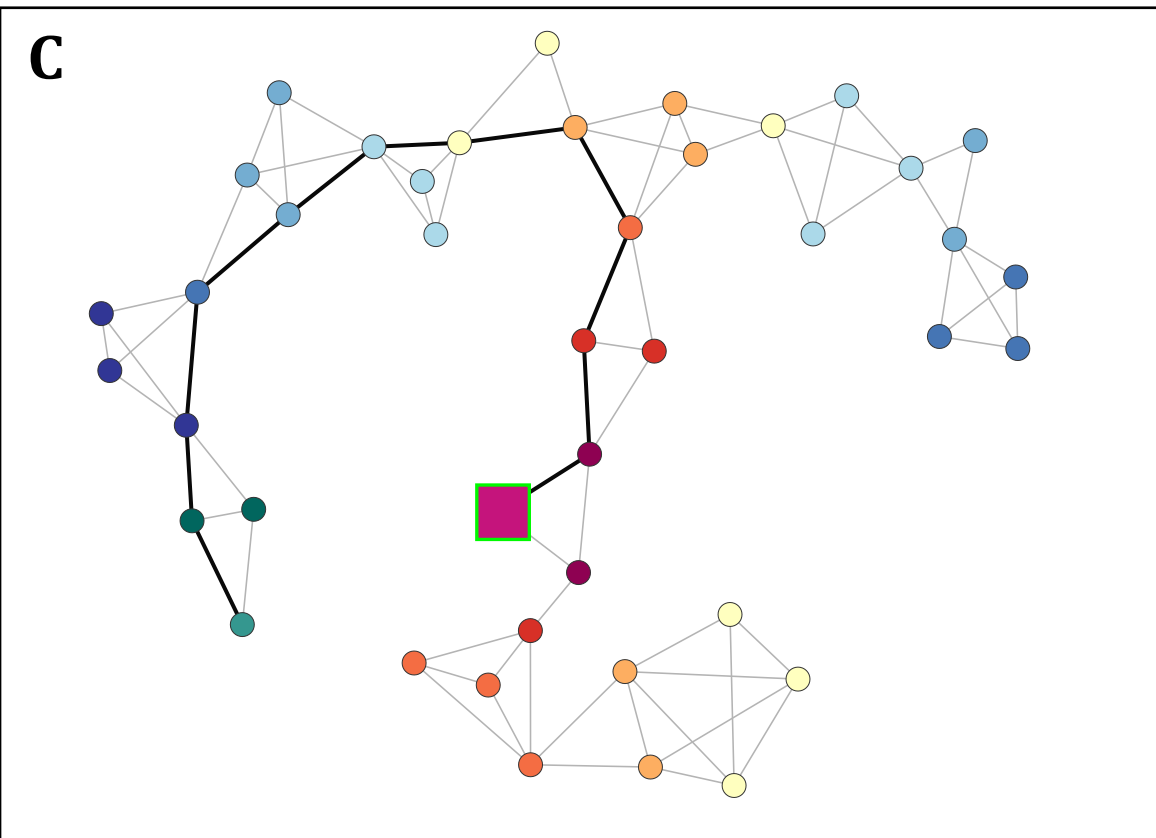
A

B

Number of newly infected individuals per time step
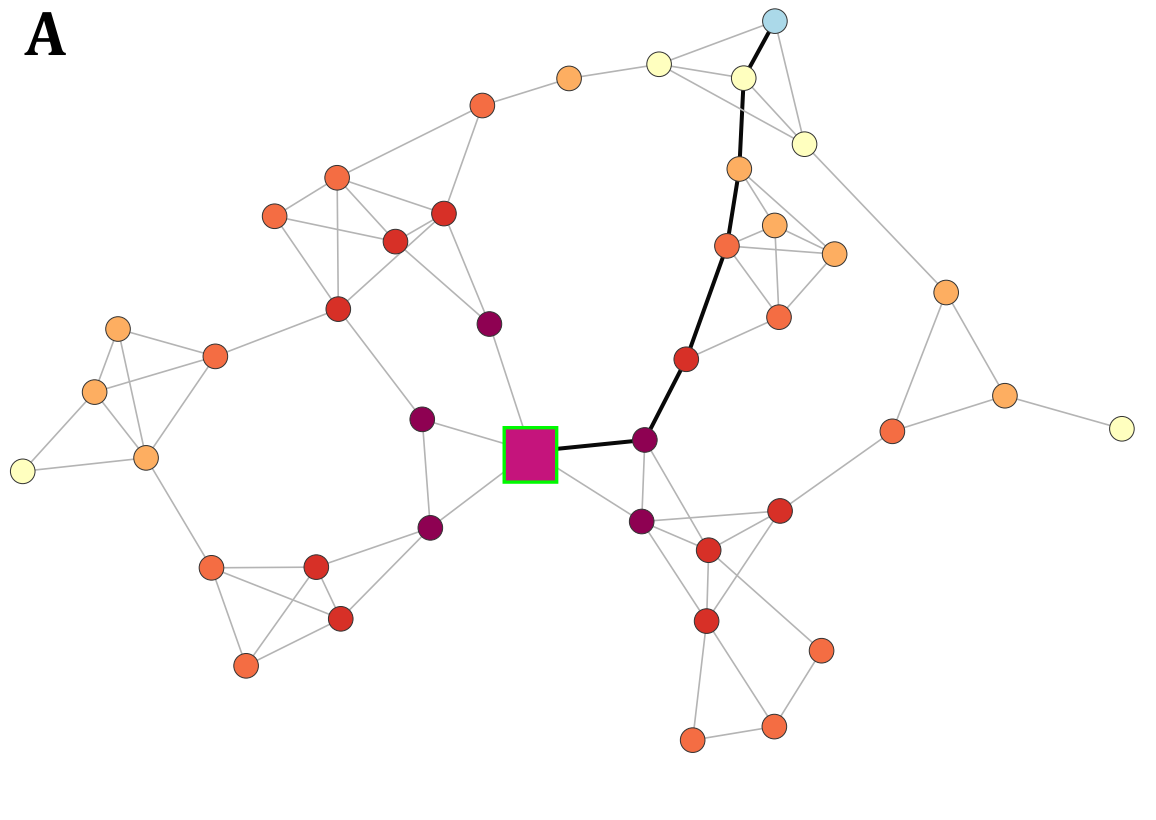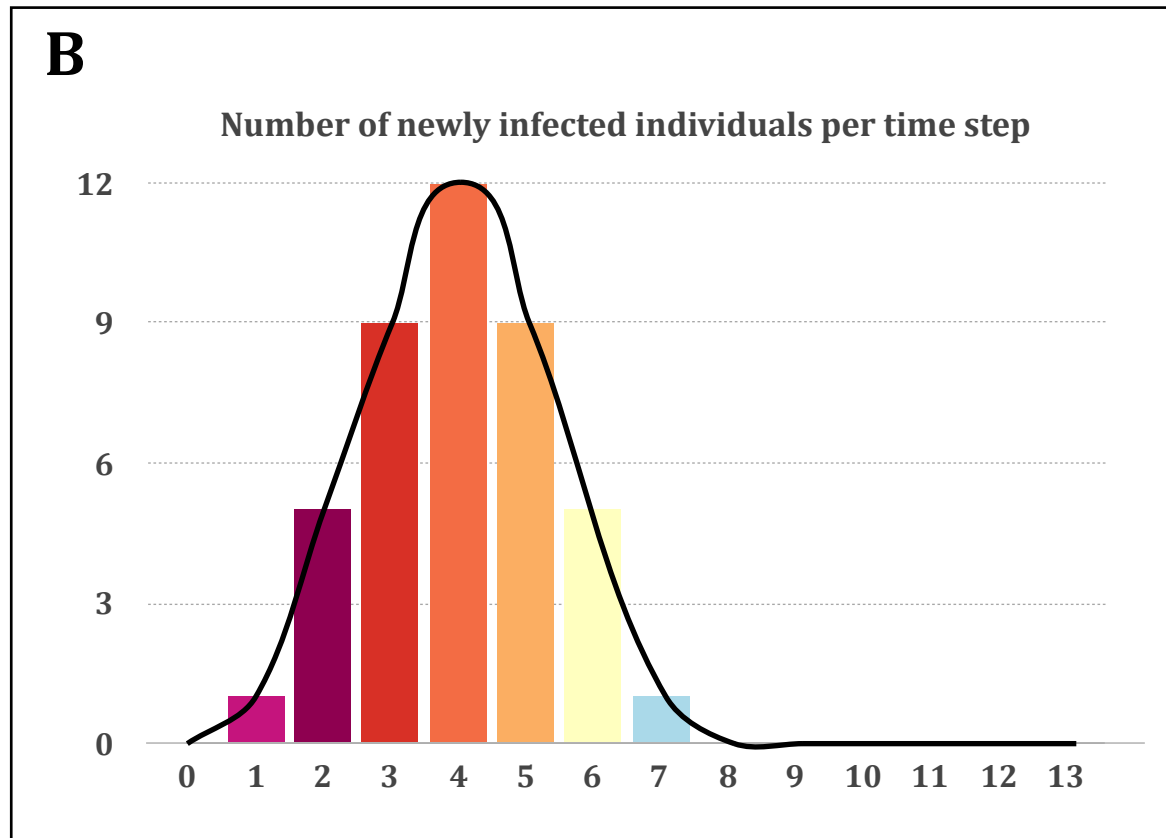
Network with longer path lengths

C

D

Number of newly infected individuals per time step