

The plot displays the time evolution of the number of active nodes for various network sizes N . The x-axis represents 'Time (EpSec)' from 0 to 80,000, and the y-axis represents the 'Number of active nodes' from 0 to 100. The legend indicates that different colors correspond to different values of N : 10 (blue), 20 (orange), 30 (red), 40 (purple), 50 (pink), 60 (brown), 70 (grey), 80 (olive), 90 (cyan), and 100 (dark blue). The plot shows that for smaller N , the number of active nodes remains low for a longer duration before increasing. As N increases, the transition to a higher number of active nodes occurs earlier and more rapidly, eventually reaching a plateau near 100 active nodes.

