

Figure 1 is a line graph showing the number of nodes in the network over 100 rounds for different network sizes n . The x-axis represents the 'Round number' from 0 to 100, and the y-axis represents the 'Number of nodes' from 0 to 100. The graph displays multiple curves for $n = 10, 20, 30, 40, 50, 60, 70, 80, 90, 100$. The curves show that the number of nodes increases rapidly in the first 20 rounds and then levels off. The final number of nodes is approximately 90 for $n = 100$ and decreases as n decreases.

