

Figure 1 is a scatter plot showing the relationship between the number of nodes (x-axis) and the number of edges (y-axis) for various graph structures. The x-axis ranges from 0 to 100, and the y-axis ranges from 0 to 100. The plot shows a dense cluster of points at low node and edge counts, with a few points extending to higher values. The points are colored blue and black, and some are connected by lines.

