

Figure 1 consists of two scatter plots. The left plot shows a linear relationship between the number of nodes (x-axis) and the number of edges (y-axis). The data points are purple dots, and a black line of best fit is drawn through them. The right plot shows a non-linear relationship between the number of nodes (x-axis) and the number of edges (y-axis). The data points are purple dots, and a black line of best fit is drawn through them, showing a curve that starts steep and then levels off.