

A scatter plot showing the relationship between Degree (x-axis, logarithmic scale from 10^0 to 10^5) and Weight (y-axis, logarithmic scale from 10^0 to 10^3) for the Erdős-Rényi graph. The data points are blue dots. The plot shows a power-law distribution with a peak at degree 1 and a long tail extending to degree 10^5 .

