Power vs. Number of Nodes for Different Averaging Distance with 95% CI (Cov_Sign = Pos)
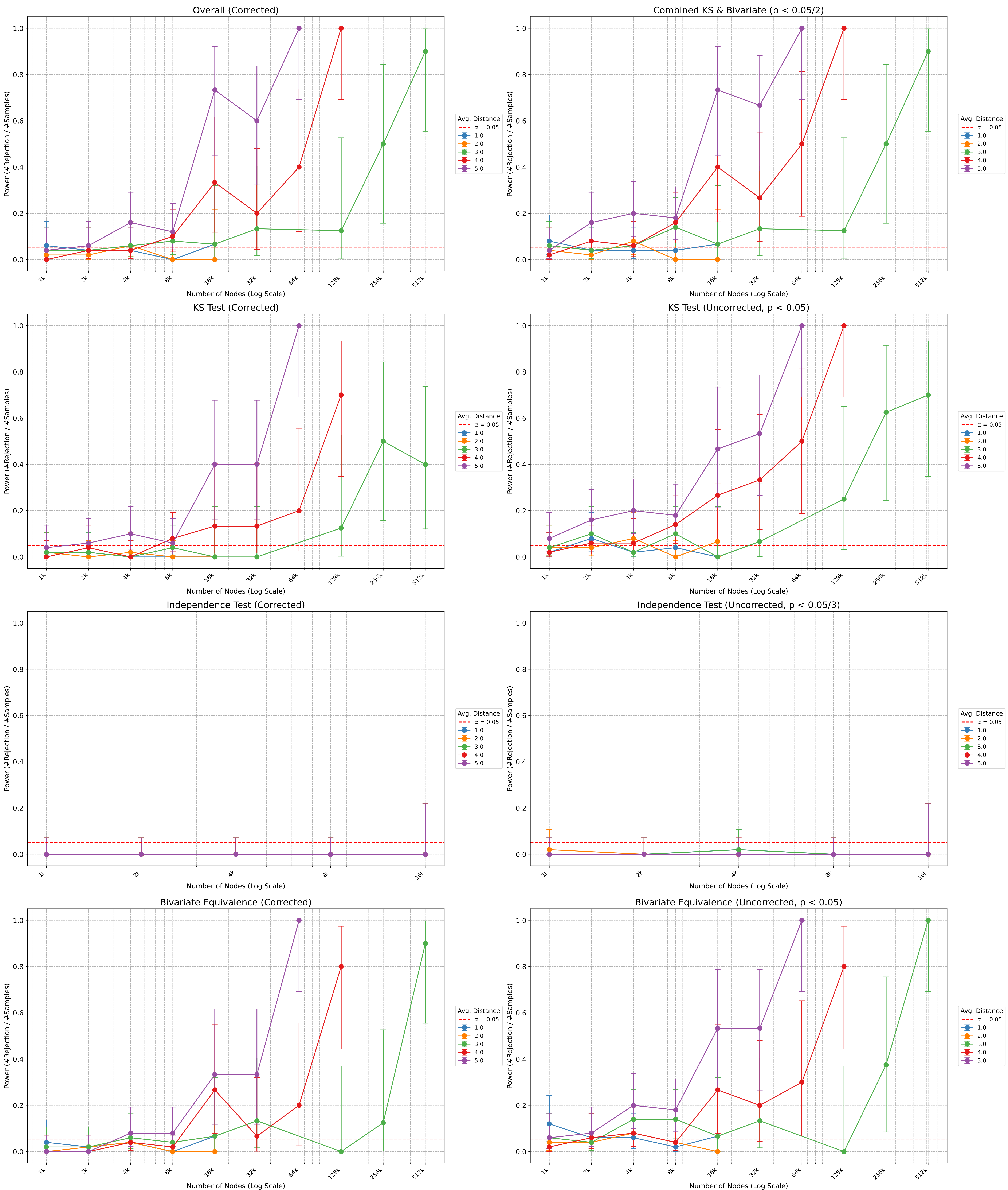
Figure 2: This line chart illustrates the relationship between the number of nodes and the statistical power of the hypothesis test, categorized by different averaging distances (D). A larger value of D is associated with greater test power.

*Flows are all generated by the same setting: Rho = 0.5, Weight = 0.5, Cov_sign = Pos, K = 13, Beta = 0.7, Graph = SmallWorld.
#Classification: Top 25% Edge Degree & Top 25% Edge betweenness to class1; Bottom 25% Edge Degree & Bottom 25% Edge betweenness to class2.