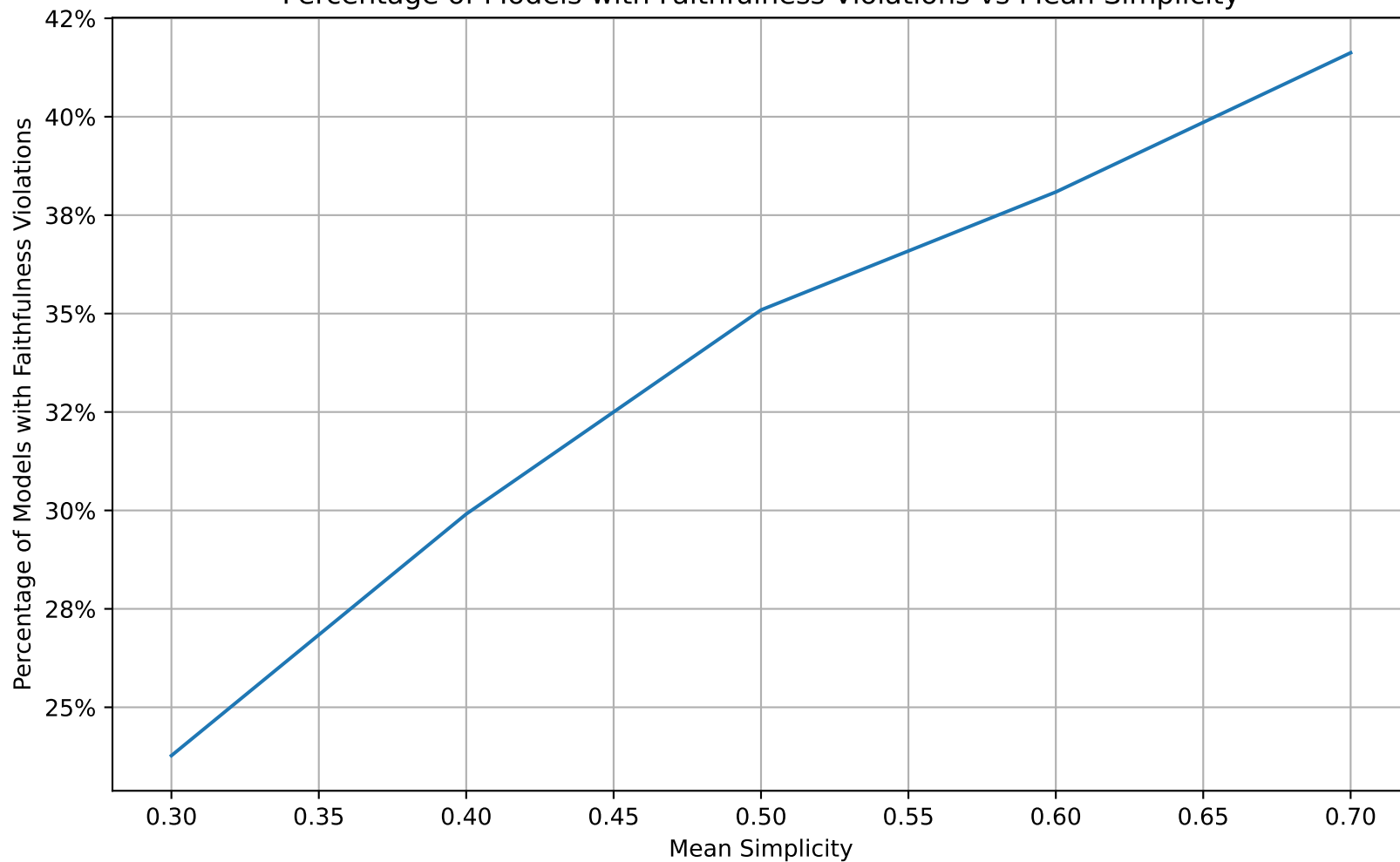
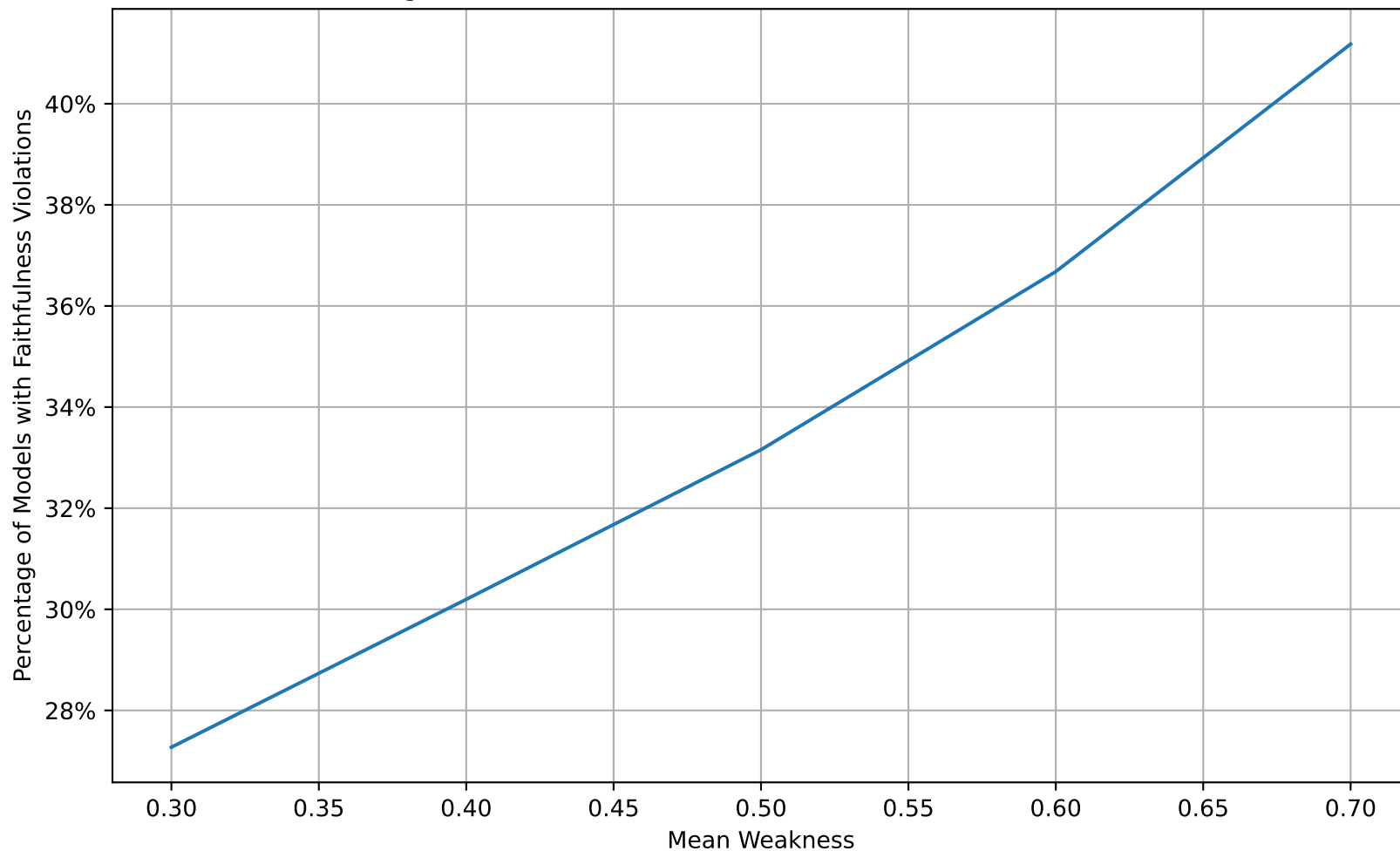


This report summarizes the analysis of the prevalence of faithfulness violations in causal Bayesian networks. The analysis was performed by varying the parameters mean_simplicity, mean_weakness, and the number of endogenous variables. For each combination of parameters, 1000 models were sampled and the percentage of models with at least one faithfulness violation was recorded.

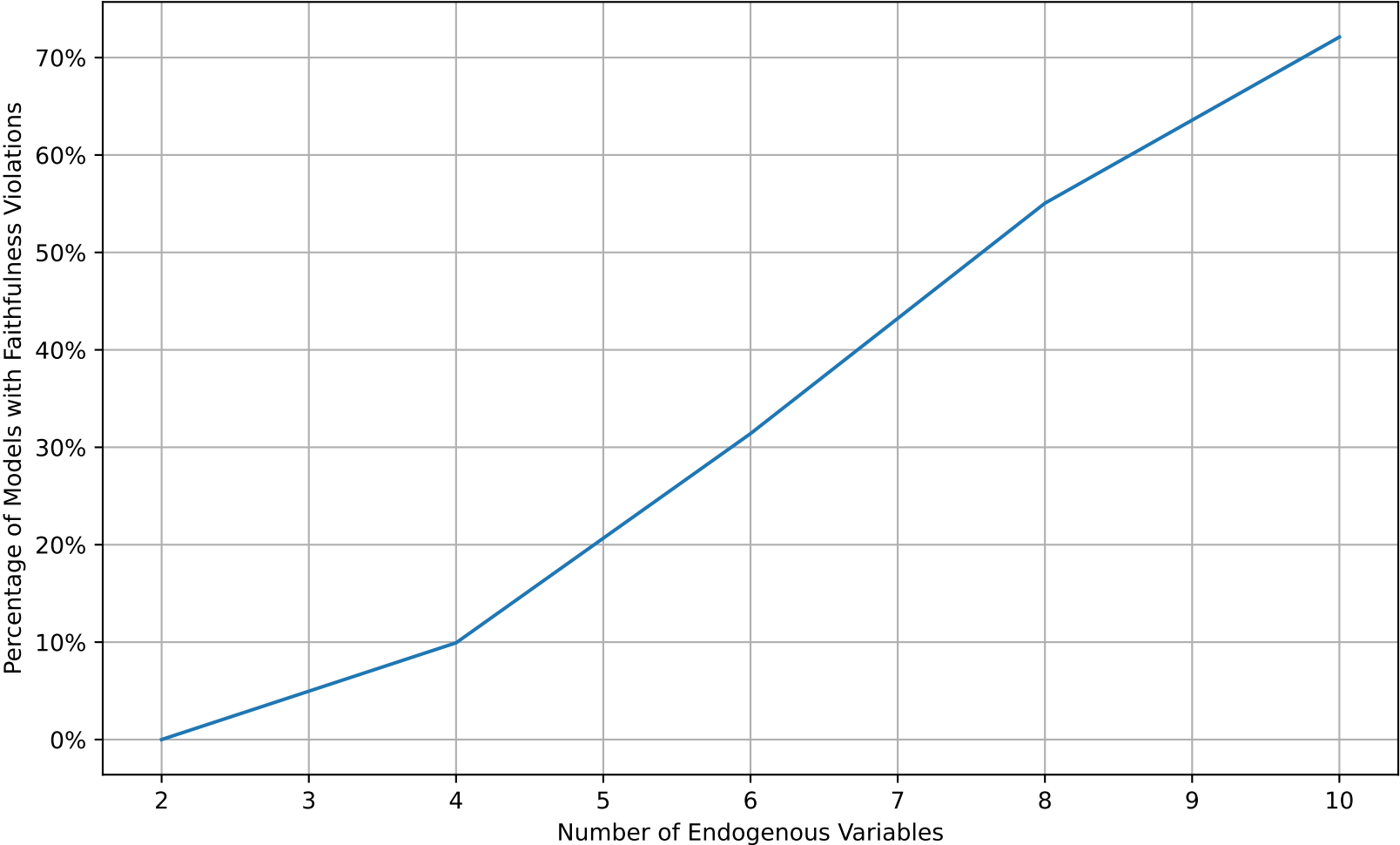
Percentage of Models with Faithfulness Violations vs Mean Simplicity



Percentage of Models with Faithfulness Violations vs Mean Weakness



Percentage of Models with Faithfulness Violations vs Number of Endogenous Variables



3D Plot of Percentage of Models with Faithfulness Violations

