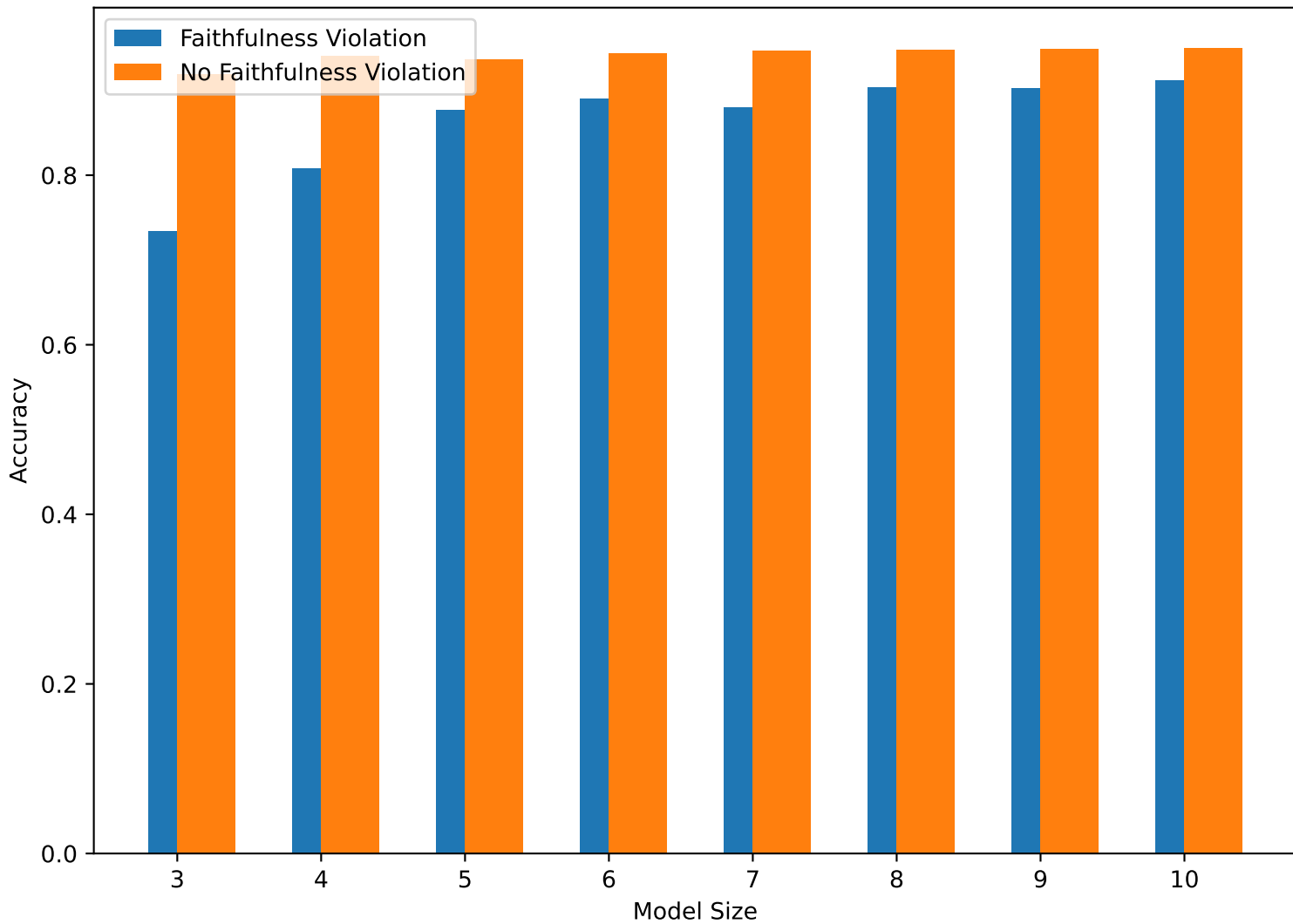


PC Algorithm Performance - Accuracy



Model Size	Faithfulness Violation	No Faithfulness Violation
3	0.733	0.919
4	0.807	0.941
5	0.877	0.937
6	0.890	0.944
7	0.880	0.947
8	0.903	0.948
9	0.903	0.948
10	0.912	0.950

This PDF compares the performance of the skeleton search step of the PC algorithm on discrete models with at least one faithfulness violations vs. discrete models without faithfulness violations. The bar chart shows the average accuracy across different model sizes (number of endogenous variables), aggregated over 90 runs for each model size. In particular, 45 runs are made for models with faithfulness violations, and 45 runs are made for models that strictly have no faithfulness violations.

Average accuracy across all discrete models with faithfulness violations: 0.863
Average accuracy across all discrete models without faithfulness violations: 0.942