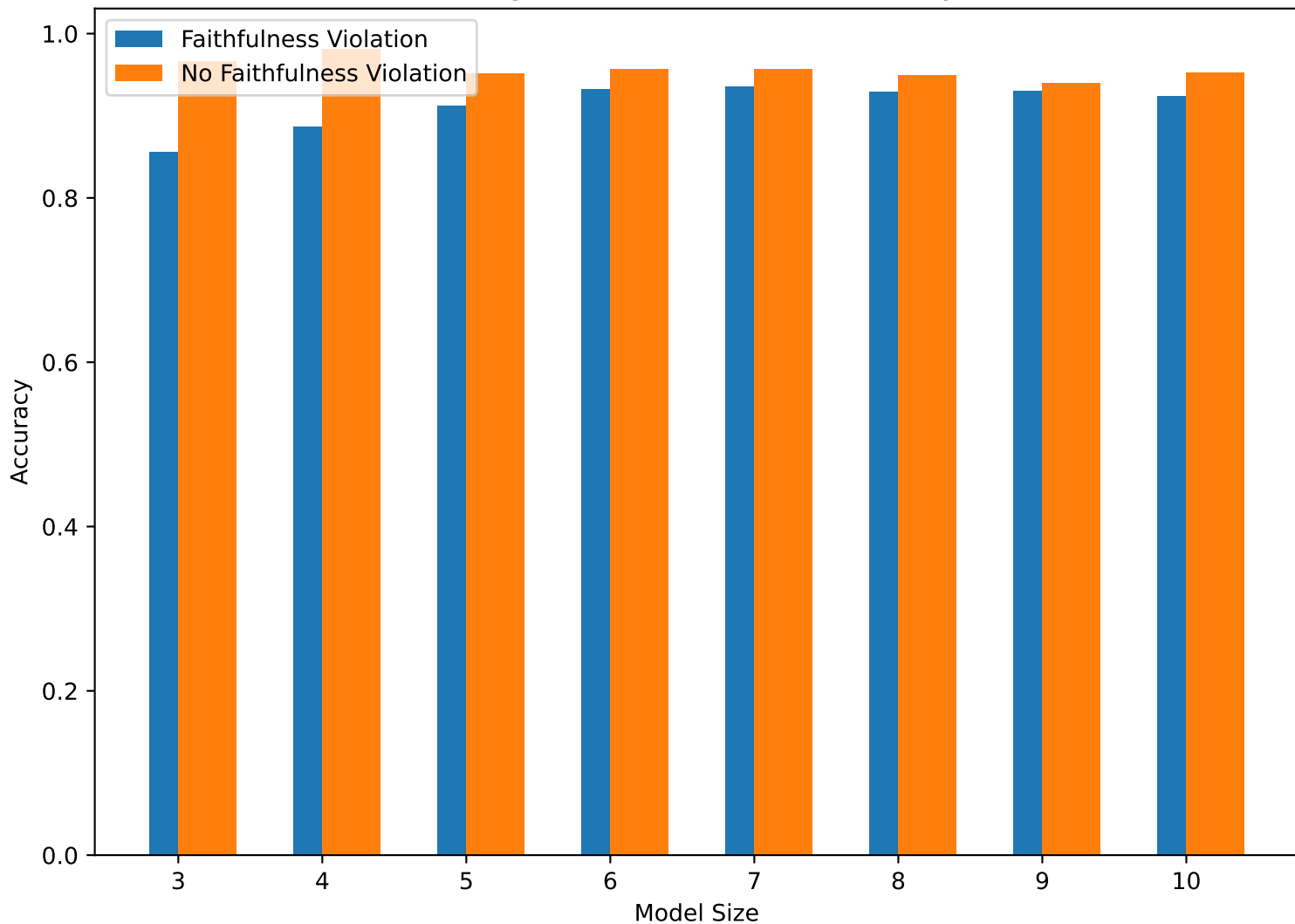


PC Algorithm Performance - Accuracy



Model Size	Faithfulness Violation	No Faithfulness Violation
3	0.856	0.967
4	0.887	0.981
5	0.912	0.951
6	0.933	0.956
7	0.935	0.956
8	0.929	0.950
9	0.930	0.940
10	0.923	0.952

This PDF compares the performance of the skeleton search step of the PC algorithm on discretisable 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 discretisable models with faithfulness violations: 0.913
Average accuracy across all discretisable models without faithfulness violations: 0.957