OMEinsum Contraction Orders Benchmark Results

Note: the `Treewidth` optimizer is greedy, only a subset of backends (`MF`, `MMD`, `AMF`) are tested (check
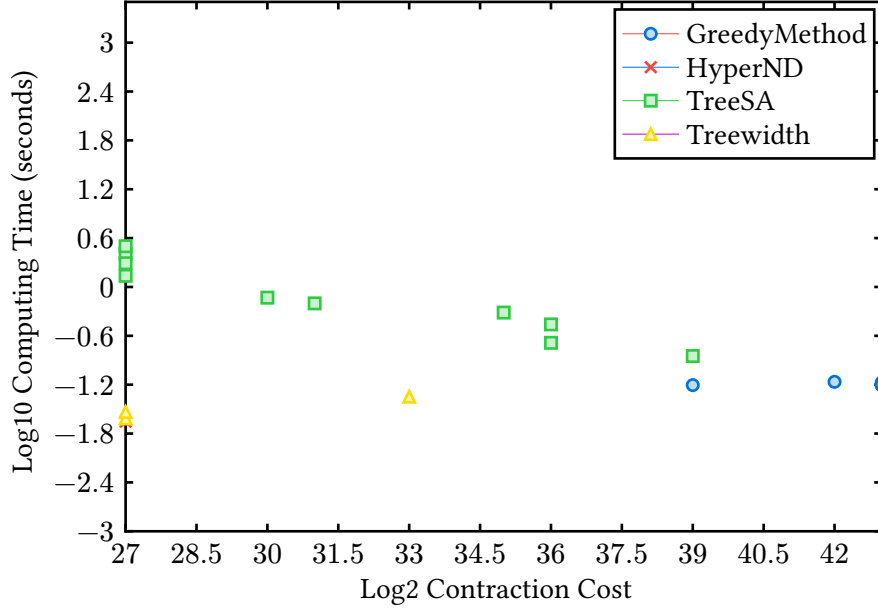Issue 2).

Figure 1: Scatter plot for **einsumorg/qc_qft_27** showing contraction cost (1*sc + 0*tc + 0*rwc) vs
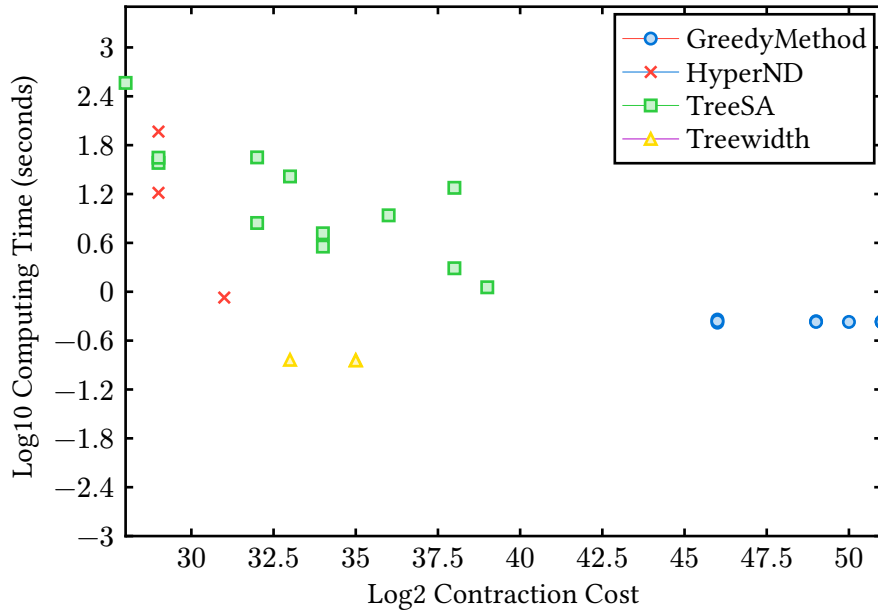computing time for different optimizers.

Figure 2: Scatter plot for **independentset/ksg** showing contraction cost (1*sc + 0*tc + 0*rwc) vs
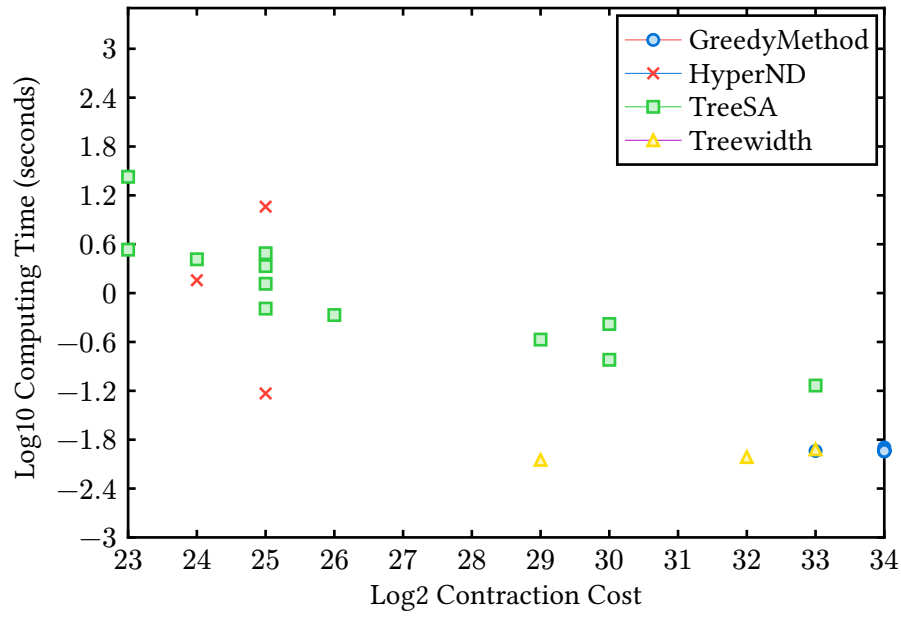computing time for different optimizers.

Figure 3: Scatter plot for **independentset/rg3** showing contraction cost (1*sc + 0*tc + 0*rwc) vs computing time for different optimizers.
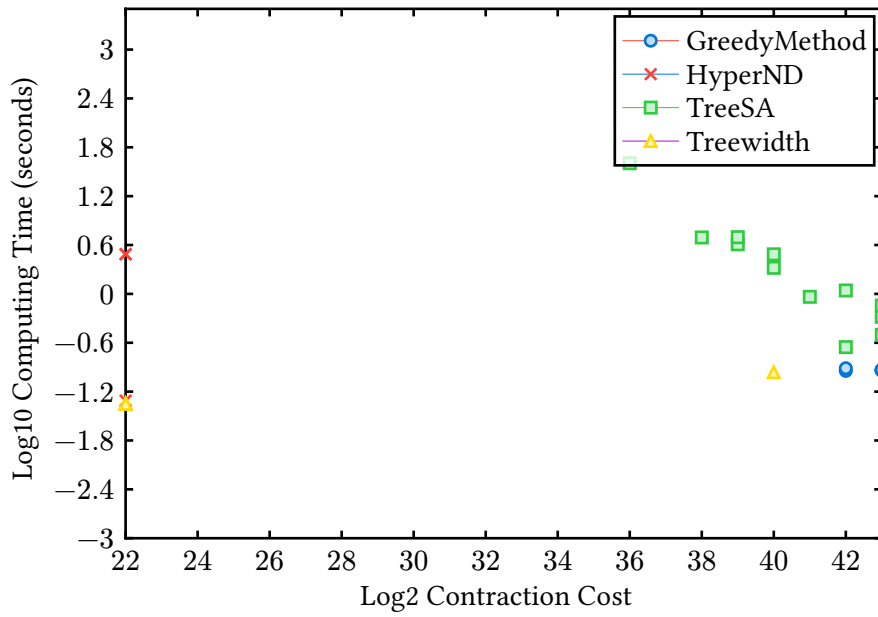

Figure 4: Scatter plot for **inference/DBN_13** showing contraction cost (1*sc + 0*tc + 0*rwc) vs computing time for different optimizers.

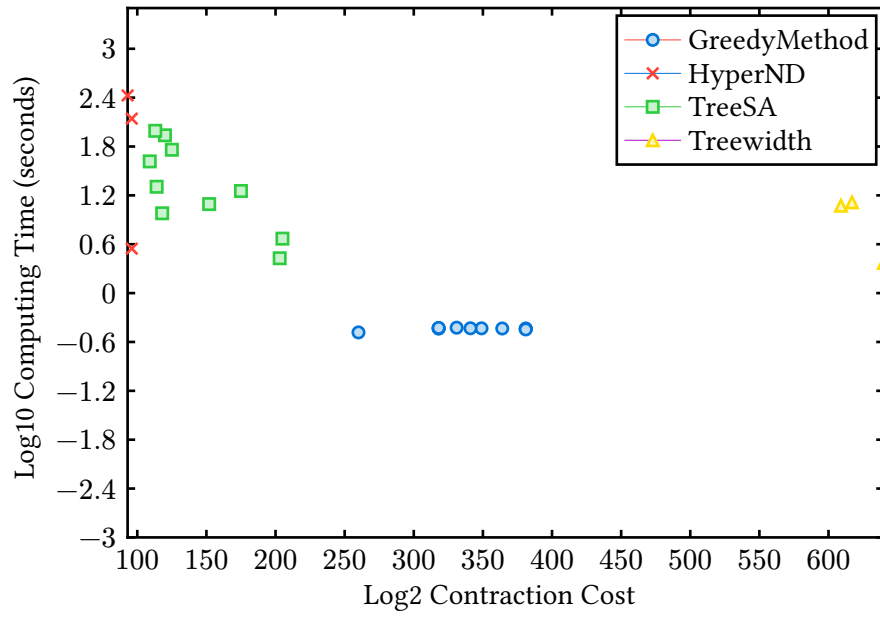Figure 5: Scatter plot for **nqueens/nqueens_n=28** showing contraction cost (1*sc + 0*tc + 0*rwc) vs computing time for different optimizers.
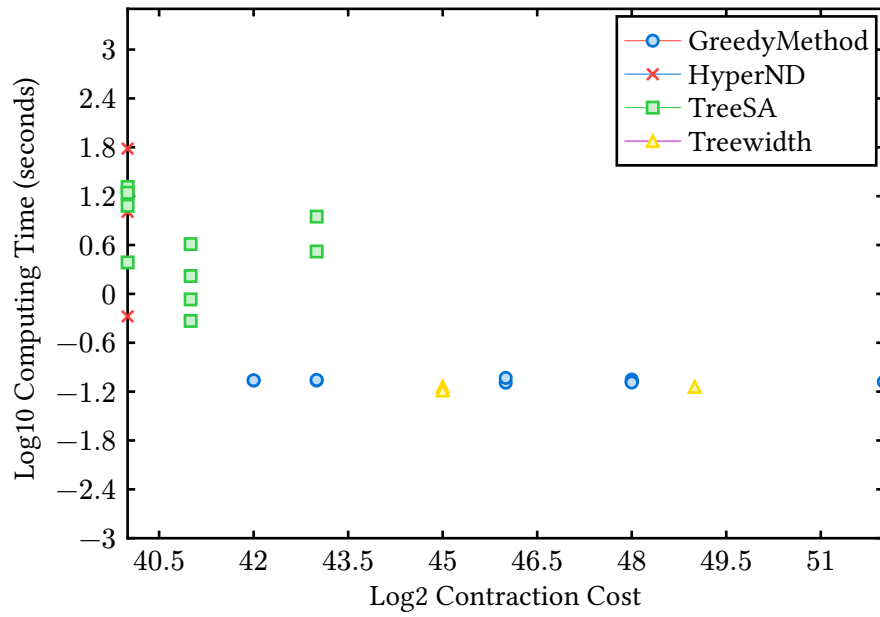

Figure 6: Scatter plot for **qec/surfacecode_d=21** showing contraction cost (1*sc + 0*tc + 0*rwc) vs computing time for different optimizers.
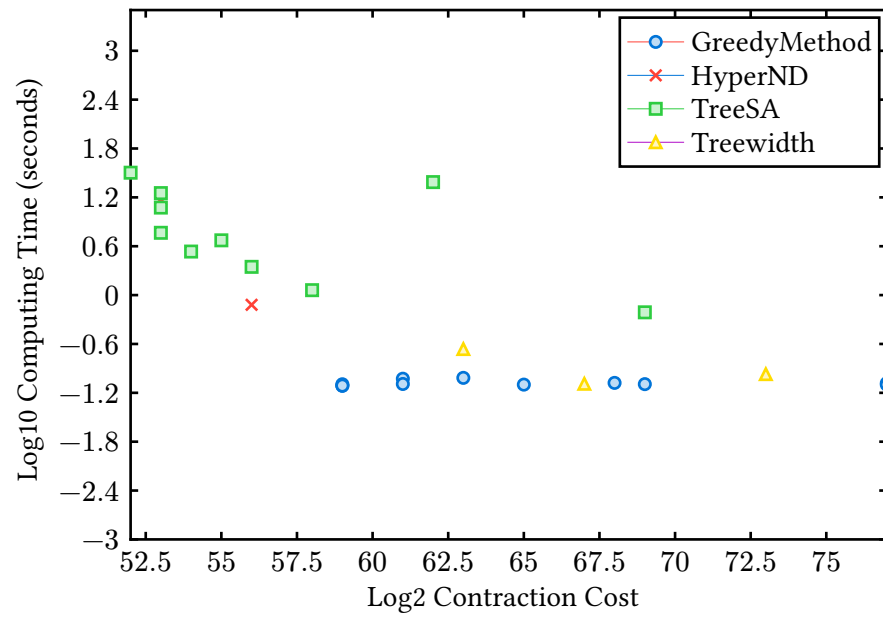
Figure 7: Scatter plot for **quantumcircuit/sycamore_53_20_0** showing contraction cost (1*sc + 0*tc + 0*rwc) vs computing time for different optimizers.