

Number of simulated interactions	Exhaustive search (Efficiency)	Proposed algorithm (Efficiency)
0	1.000	1.000
10	1.000	0.995
20	1.000	0.995
30	1.000	0.995
40	1.000	0.995
50	1.000	0.995
60	1.000	0.995

The figure consists of two vertically stacked panels sharing a common x-axis labeled 'Number of simulated interactions' ranging from 0 to 60. The top panel's y-axis is 'FakeRate' from 0.005 to 0.05. It shows a series of red data points with vertical error bars, starting at ~0.035 and rising to ~0.048. The bottom panel's y-axis is 'Ratio' from 0.95 to 1.0. It shows a series of red data points with vertical error bars, starting at ~1.05 and falling to ~0.95. A horizontal line is drawn at Ratio = 1.0.

