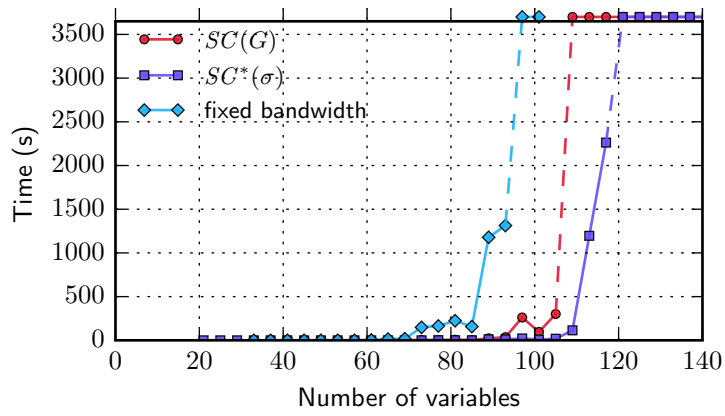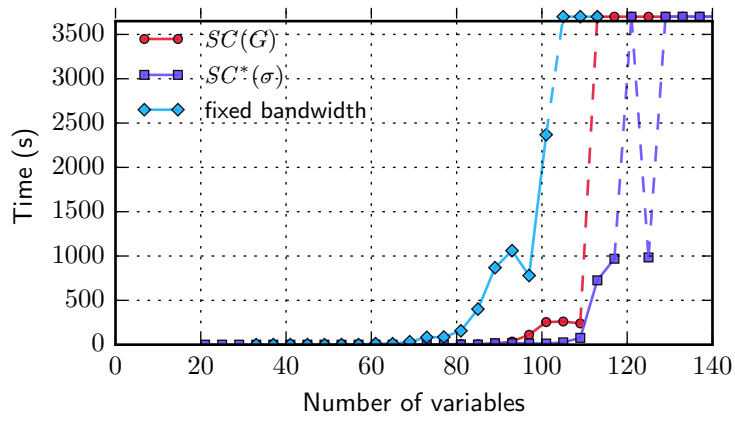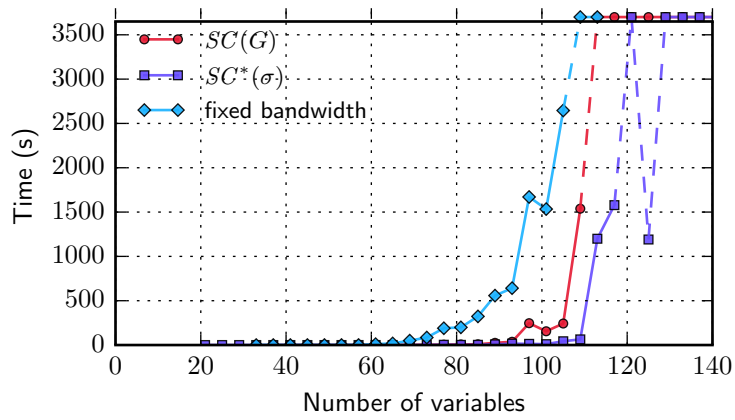(a) Non-shuffled formulas.

(b) Shuffled formulas.

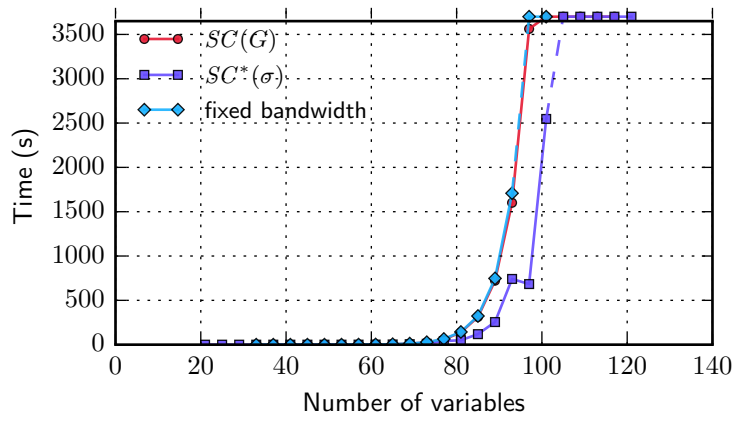Figure 1: Subset cardinality formulas on glucose-2.2.
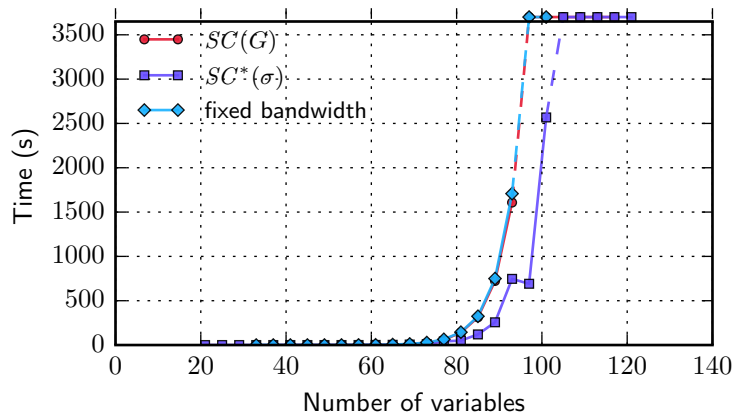
(a) Non-shuffled formulas.

(b) Shuffled formulas.

Figure 2: Subset cardinality formulas on lingeling-ala.

(a) Non-shuffled formulas.

(b) Shuffled formulas.
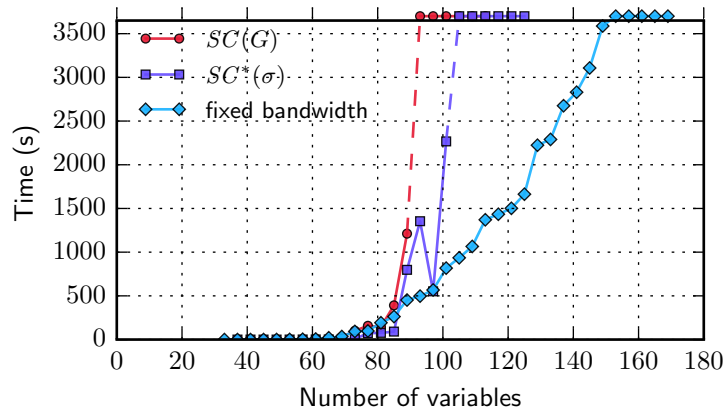
Figure 3: Subset cardinality formulas on march-rw.

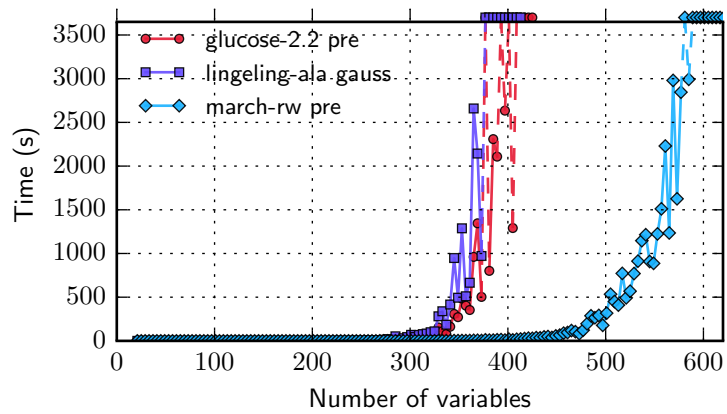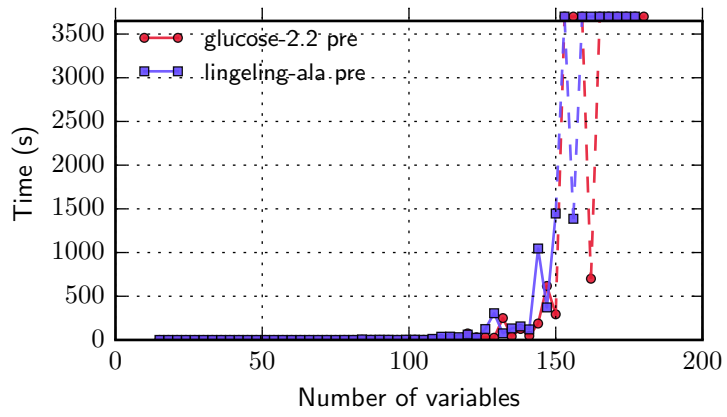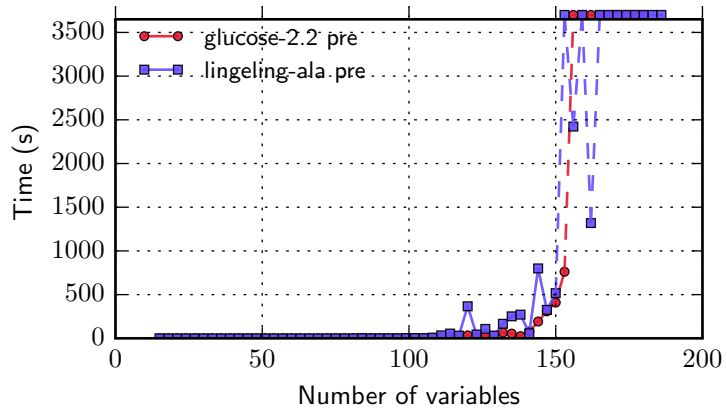Figure 4: Minisat with fixed variable ordering.

Figure 5: Random 3-CNF formulas.

(a) One vertex charge set to 1, other to 0.

(b) Random assignment of charges to vertices (sum is odd).

Figure 6: Tseitin on random 3-regular graphs.