

Waled Salem

CSE 512 – Dr. Voigt

Homework 4

Through my observations I have noticed that the Unit Preference strategy is much faster than the basic strategy. All 3 lists of CNF clauses had substantial decreases in computational steps. The set of support also reduced steps needed as well for all three lists compared to the basic strategy. However the strategy had a very inconsistent performance compared to the standard Unit Pref. strategy. The set of support and unit preference also reduced the steps needed for both applications compared to standard set of support. It had a substantial impact on the PROB3 data, giving a more consistent step count compared to Unit Pref. and SoS by themselves. The SoS and Unit Pref. combo is the best strategy from the data obtained.