Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 

Number of states in the original automaton

Time taken in seconds

Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 2.00 1.75 1.50 1.25 1.00 0.75 0.50 0.25 0.00 10 30 40 50 20

Number of states in the original automaton

Number of removed states

Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 0.5 0.4 0.3 0.2 0.1 0.0 10 20 30 40 50

Number of states in the original automaton

Relative number of removed states

Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 0.5 0.4 0.3 0.2 0.1 0.0 2.0 2.5 5.0 1.0 1.5 3.0 3.5 4.0 4.5

Number of SCCs in the original automaton

Relative number of removed states

Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 0.5 0.4 0.2 0.1 0.0 1.5 2.0 2.5 3.0 4.0 1.0 3.5

Number of priorities in the original automaton

Relative number of removed states

