

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 3.0 2.5 2.0 1.5 1.0 0.5 0.0 60 20 40 80 100 Number of states in the original automaton

Number of removed states

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 0.7 Relative number of removed states 0.6 0.5 0.4 0.3 0.2 0.1 0.0 60 0 20 40 80 100 Number of states in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 3.0 2.5 Number of removed states 2.0 1.5 1.0 0.5 0.0 1.5 2.0 2.5 4.0 5.0 1.0 3.0 3.5 4.5 Number of SCCs in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 140 120 100 80 60 40 20 0

0.7

0.6

Number of automata

0.0

0.1

0.2

0.3

0.4

Relative number of removed states

0.5