Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 0.008 Time taken in seconds 0.006 -0.004 -0.002 0.000 10 20 30 40 50 60 70 Number of states in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 4.0 3.5 Number of removed states 3.0 2.5 2.0 1.5 1.0 0.5 0.0 50 10 20 30 40 60 70 0 Number of states in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 8.0 0.7 Relative number of removed states 0.6 0.5 0.4 0.3 0.2 0.1 0.0 50 10 20 30 40 60 70 0 Number of states in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 8.0 0.7 Relative number of removed states 0.6 0.5 0.4 0.3 0.2 0.1 0.0 1.00 1.25 1.50 1.75 2.00 2.25 2.50 2.75 3.00 Number of SCCs in the original automaton

Iterated Moore state reduction on random DPAs with three colors and  $|\Sigma|=8$ . 8.0 0.7 Relative number of removed states 0.6 0.5 0.4 0.3 0.2 0.1 0.0 2.0 1.0 1.5 2.5 3.0 3.5 4.0 4.5 5.0 Number of priorities in the original automaton

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

