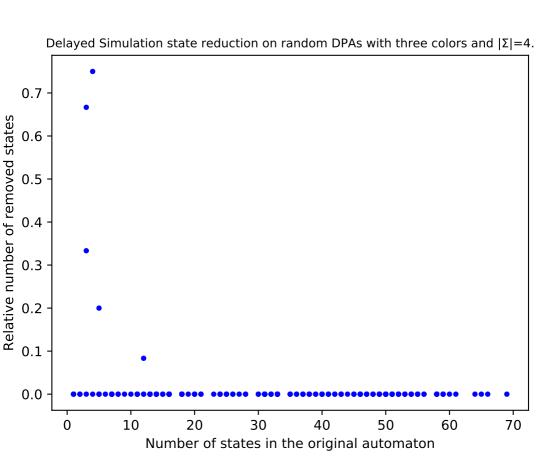


Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=4$ . 3.0 2.5 2.0 1.5 1.0 0.5 0.0 10 20 30 40 50 60 70 0

Number of states in the original automaton

Number of removed states



Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=4$ . 0.7 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

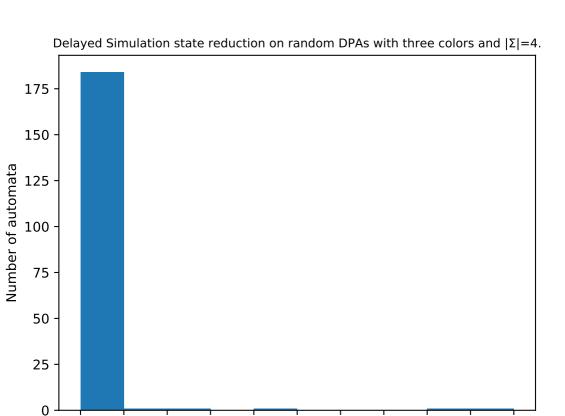
Number of SCCs in the original automaton

Relative number of removed states

Delayed Simulation state reduction on random DPAs with three colors and  $|\Sigma|=4$ . 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0 1.0 1.5 2.0 2.5 3.0 3.5 4.0 4.5 5.0

Number of priorities in the original automaton

Relative number of removed states



0.60

0.53

0.67

0.75

0.00

0.07

0.22

0.30

0.38

Relative number of removed states

0.45

0.15