







Hopcroft state reduction on random DPAs with three colors and  $|\Sigma|=2$ . 8.0 0.7 Relative number of removed states 0.6 0.5 0.4 0.3 0.2 0.1 0.0 1.5 2.5 2.0 3.0 3.5 4.0 1.0 Number of priorities in the original automaton

