Fritz & Wilke state reduction on a DPA with  $|\Sigma|=4$  that was created by Spot from an NBA. Time taken in seconds Number of states in the original automaton

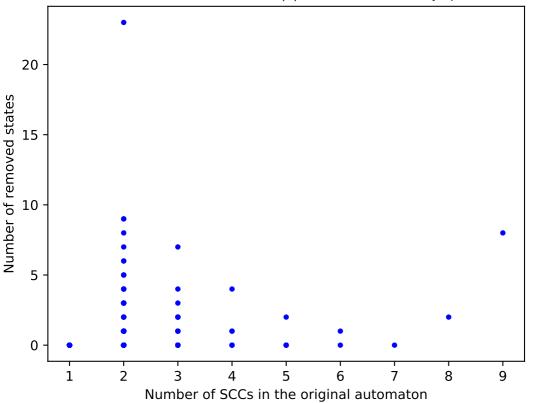
Fritz & Wilke state reduction on a DPA with  $|\Sigma|=4$  that was created by Spot from an NBA. Number of removed states 10 -

Number of states in the original automaton

Fritz & Wilke state reduction on a DPA with  $|\Sigma|=4$  that was created by Spot from an NBA. 0.25 0.20 0.15 0.10 0.05 0.00 0 20 60 80 100 40 120 Number of states in the original automaton

Relative number of removed states

Fritz & Wilke state reduction on a DPA with  $|\Sigma|=4$  that was created by Spot from an NBA.



Fritz & Wilke state reduction on a DPA with  $|\Sigma|=4$  that was created by Spot from an NBA. 100 -80 Number of automata 60 40 20 0 0.00 0.05 0.10 0.15 0.20 0.25

Relative number of removed states