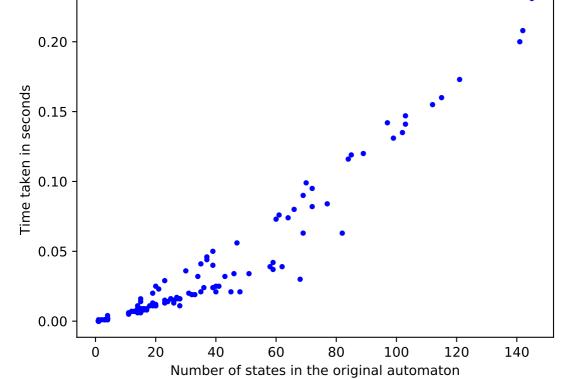
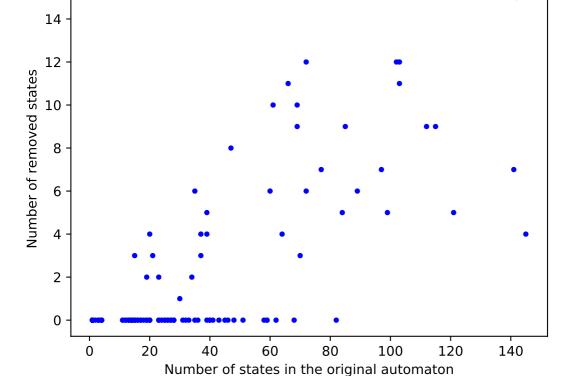
0.20

SF state reduction on a DPA with $|\Sigma|$ =4 that was created by nbautils from an NBA, using the Safra rela



14

SF state reduction on a DPA with $|\Sigma|$ =4 that was created by nbautils from an NBA, using the Safra rela



SF state reduction on a DPA with $|\Sigma|$ =4 that was created by nbautils from an NBA, using the Safra rela 0.200 0.175 Relative number of removed states 0.150 0.125 0.100 0.075 0.050 0.025 0.000 20 40 60 80 100 120 140 0

Number of states in the original automaton

SF state reduction on a DPA with $|\Sigma|$ =4 that was created by nbautils from an NBA, using the Safra rela 0.200 0.175 -Relative number of removed states 0.150 0.125 0.100 0.075 0.050 0.025 0.000 1.0 1.5 2.0 2.5 3.0 3.5 4.0

Number of SCCs in the original automaton

 SF state reduction on a DPA with $|\mathsf{\Sigma}|$ =4 that was created by nbautils from an NBA, using the Safra rela 0.200 0.175 Relative number of removed states 0.150 0.125 0.100 0.075 0.050 0.025 0.000 1.5 1.0 2.0 2.5 3.0 3.5 4.0 Number of priorities in the original automaton

SF state reduction on a DPA with $|\Sigma|$ =4 that was created by nbautils from an NBA, using the Safra rela 120 100 Number of automata 80 60 40 20

0.16

0.14

0

0.00

0.02

0.04

0.06

0.08

0.10

Relative number of removed states

0.12