SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra rela 0.35 -0.30 0.25 Time taken in seconds 0.20 0.15 0.10 0.05 0.00

150

200

Number of states in the original automaton

250

350

300

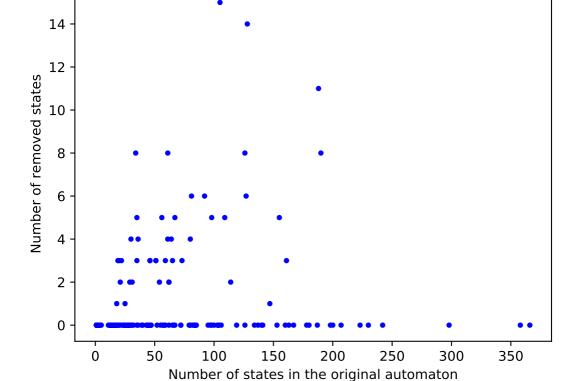
50

100

0

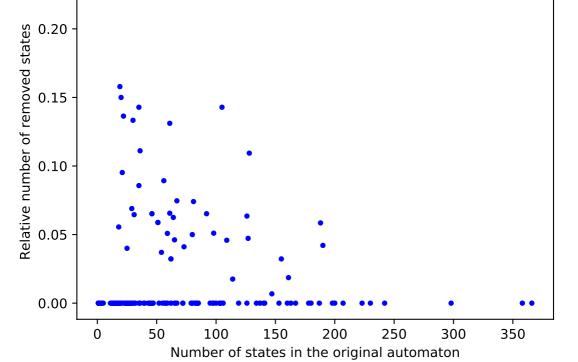
14

SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra rela



0.20

SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra rela



SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra rela 0.20 Relative number of removed states 0.15 0.10 0.05 0.00

60

Number of SCCs in the original automaton

80

100

120

20

0

40

SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra rela 0.20 Relative number of removed states 0.15 0.10 0.05 0.00

Number of priorities in the original automaton

SF state reduction on a DPA with $|\Sigma|$ =2 that was created by nbautils from an NBA, using the Safra relations Γ

