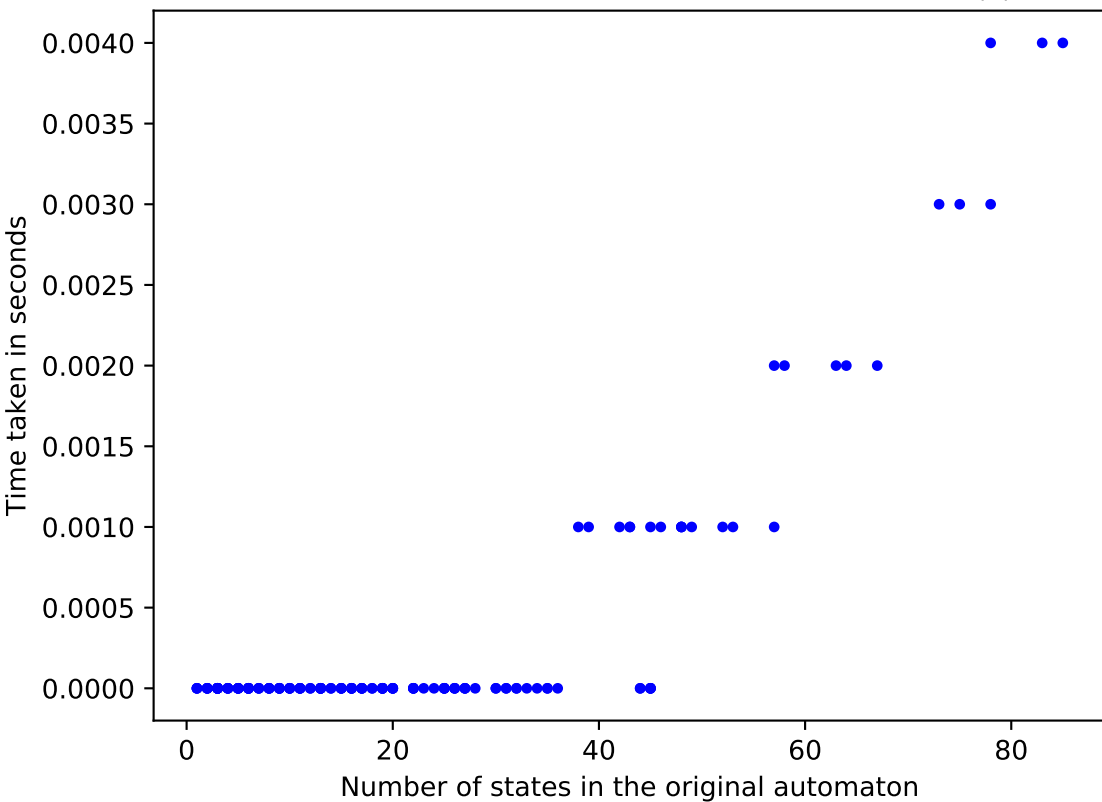
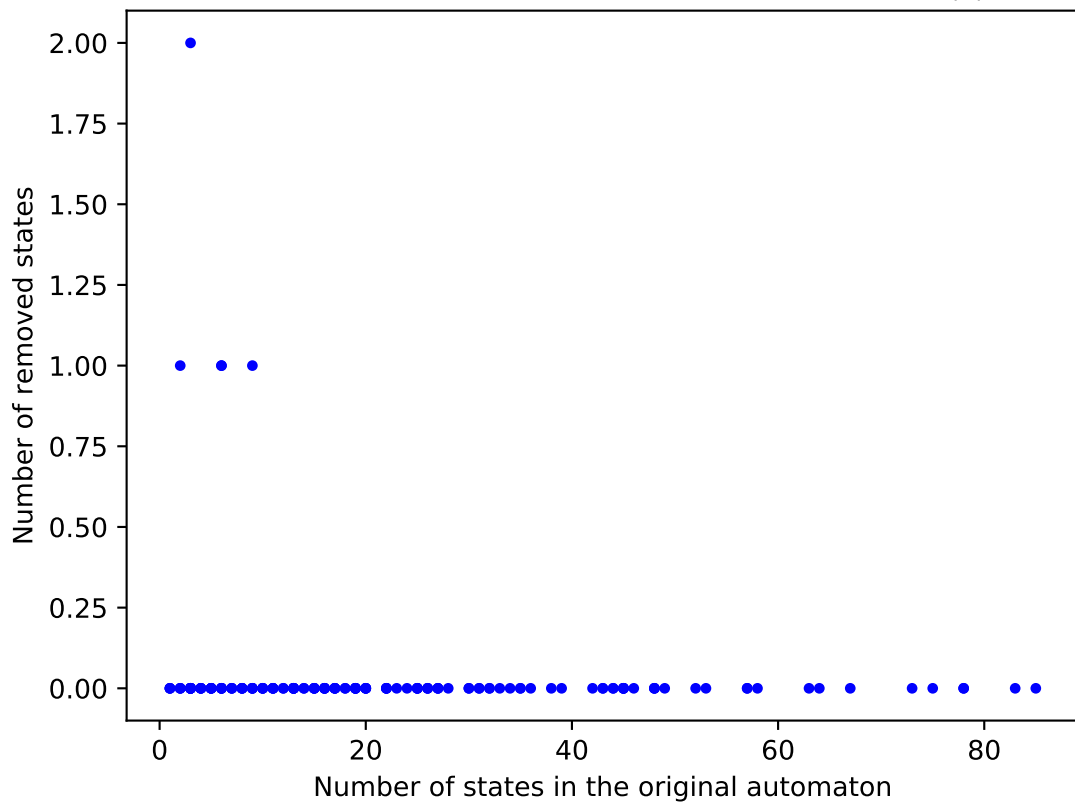


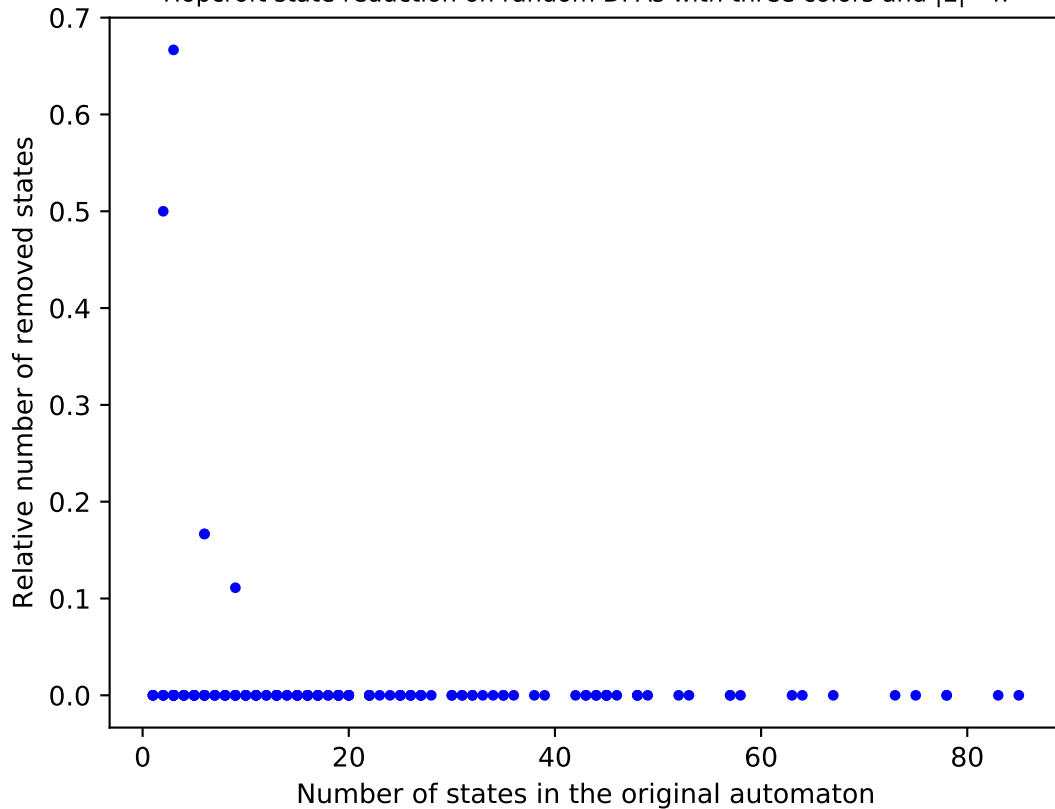
Hopcroft state reduction on random DPAs with three colors and  $|\Sigma|=4$ .



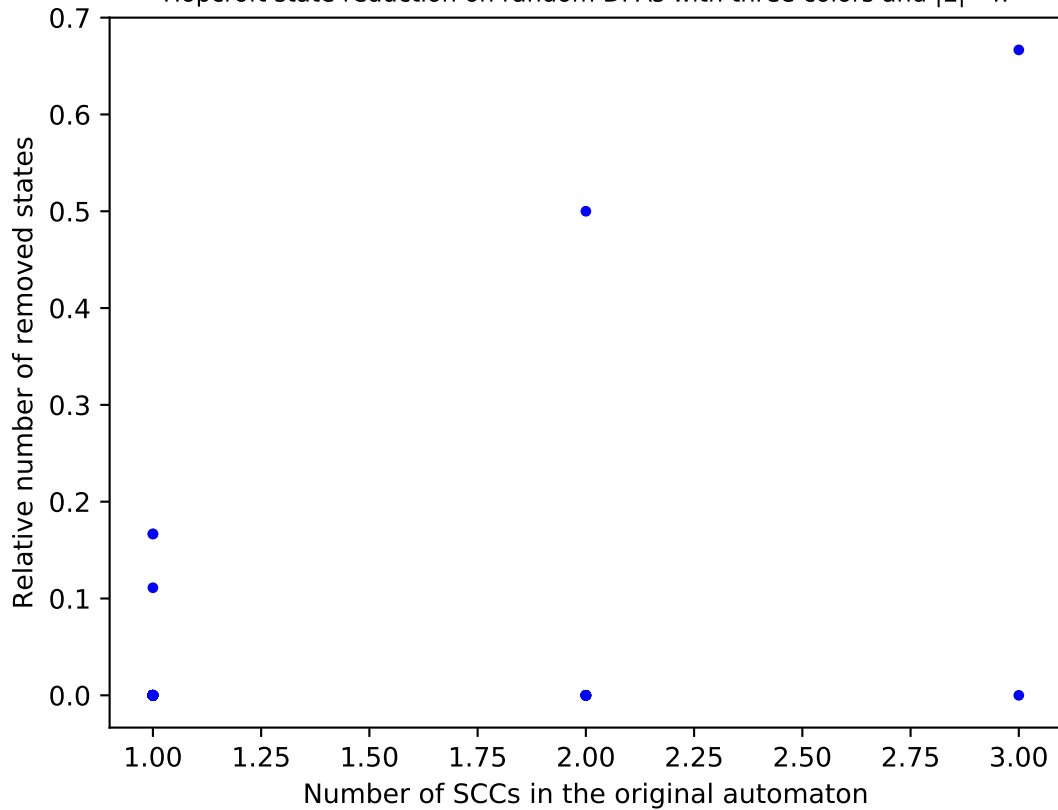
Hopcroft state reduction on random DPAs with three colors and  $|\Sigma|=4$ .



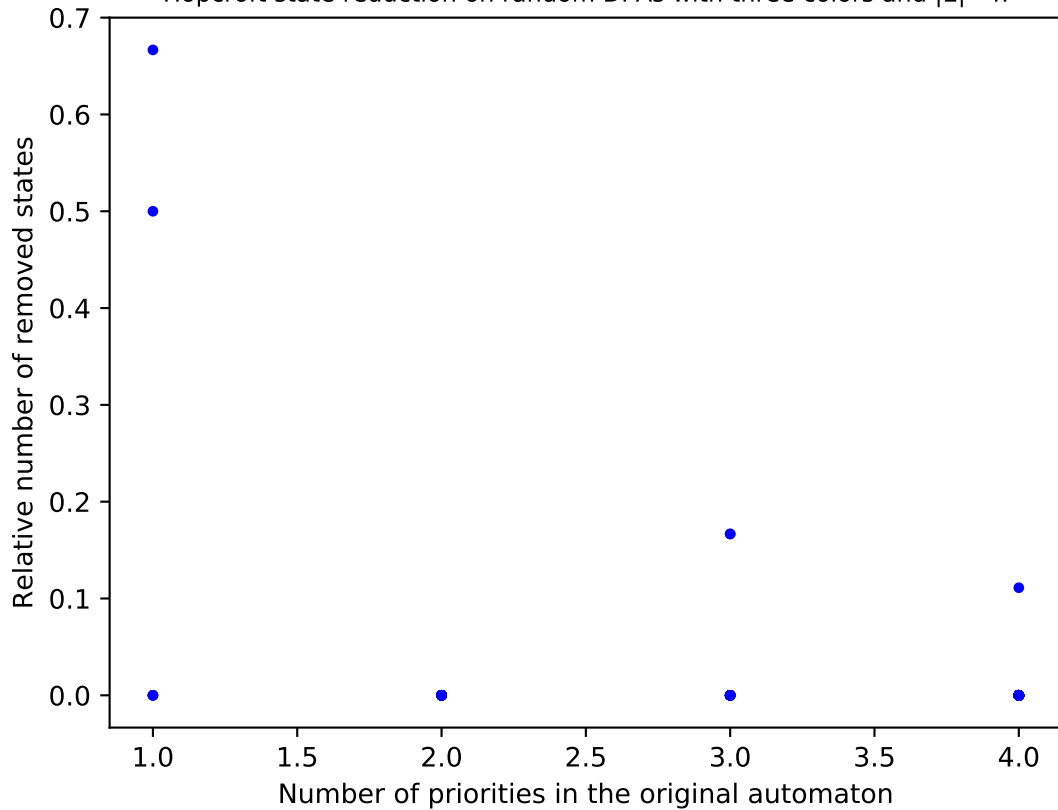
Hopcroft state reduction on random DPAs with three colors and  $|\Sigma|=4$ .



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



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