

Problem			Sparsity		Pattern detection ¹		
N	Inputs	Outputs	Zeros	Colors ²	Symbolics	SCT ³	
6	72	72	91.67%	9	$3.69 \cdot 10^{-3}$	$\mathbf{2.13 \cdot 10^{-5}}$	(173.1)
12	288	288	97.92%	10	$1.58 \cdot 10^{-2}$	$\mathbf{8.85 \cdot 10^{-5}}$	(178.7)
24	1152	1152	99.48%	10	$6.40 \cdot 10^{-2}$	$\mathbf{3.98 \cdot 10^{-4}}$	(160.6)
48	4608	4608	99.87%	10	$2.71 \cdot 10^{-1}$	$\mathbf{2.20 \cdot 10^{-3}}$	(123.2)
96	18432	18432	99.97%	10	$1.13 \cdot 10^0$	$\mathbf{1.87 \cdot 10^{-2}}$	(60.5)
192	73728	73728	99.99%	10	$4.78 \cdot 10^0$	$\mathbf{2.05 \cdot 10^{-1}}$	(23.3)

¹Wall time in seconds.

²Number of colors resulting from greedy column coloring.

³In parentheses: Wall time ratio compared to Symbolics.jl's pattern detection (higher is better).