

	Measured only (primary)			Including estimates			Measured only, without Hilbert-Smith			Including estimates, without Hilbert-Smith		
	Root n=9	Chain n=7	Whole tree n=0	Root n=9	Chain n=9	Whole tree n=0	Root n=8	Chain n=7	Whole tree n=0	Root n=8	Chain n=8	Whole tree n=0
Original time (h)	0.98•	1.00•		0.98•	1.00•		0.98•	1.00•		0.98•	1.00•	
A1 proof modules	0.87•	0.46		0.87•	0.58		0.95•	0.46		0.95•	0.64	
A2 declarations	0.95•	0.46		0.95•	0.73•		0.95•	0.46		0.95•	0.64	
A3 lines of Lean	0.87•	0.46		0.87•	0.58		0.95•	0.46		0.95•	0.64	
A4 closure constants	0.68	0.75		0.68	0.87•		0.57	0.75		0.57	0.83•	
A4 proof constants	0.95•	0.46		0.95•	0.73•		0.95•	0.46		0.95•	0.64	
A4 proof share	0.98•	0.25		0.98•	0.63		1.00•	0.25		1.00•	0.50	
B5 final sub-theorems	0.63	0.46		0.63	0.65		0.64	0.46		0.64	0.60	
B5 whole-tree obligations	0.55	0.46		0.55	0.50		0.64	0.46		0.64	0.60	
B6 leaves	0.58	0.29		0.58	0.57		0.57	0.29		0.57	0.48	
B7 decomposition depth	0.83•	0.63		0.83•	0.76•		0.76•	0.63		0.76•	0.66	
B7 dependency depth	0.80•	0.71		0.80•	0.87•		0.71	0.71		0.71	0.81•	
B7 import depth (aux.)	0.92•	0.32		0.92•	0.67		0.91•	0.32		0.91•	0.55	
B7 chain levels	0.54	0.85•		0.54	0.89•		0.34	0.85•		0.34	0.85•	
B8 mean branching	−0.53	−0.61		−0.53	−0.80•		−0.33	−0.61		−0.33	−0.71	
B8 max branching	−0.02	0.87•		−0.02	0.29		0.23	0.87•		0.23	0.67	
S chain-scope modules (aux.)		0.75			0.87•			0.75			0.83•	



Bold with • : exact permutation $p < 0.05$ (unadjusted). Blank cell: $n < 4$ or not applicable. Whole tree: final pairs only.