

**Table 2: Average code coverage achieved by RuTeG and random testing (RT), with  $t$ -test where \* indicates  $p < 0.05$  and \*\* indicates  $p < 0.01$ ; and the time to maximum coverage expressed in seconds.**

Project	Method	SLOC	CC	Cov. RuTeG	Cov. RT		Time RuTeG	Time RT
Triangle	triangle_type	26	8	100%	81%	**	59	99
ISBN Checker	valid_isbn10?	18	7	100%	100%		29	84
	valid_isbn13?	13	6	100%	100%		34	80
AddressBook	add_address	10	3	100%	100%		56	97
RBTree	rb_insert	49	7	100%	88%	**	68	92
Bootstrap	bootstrapping	38	9	100%	86%	*	54	88
RubyStat	gamma	116	6	98%	92%	**	209	213
RubyGraph	bfs	39	12	100%	93%	*	79	86
	dfs	34	10	100%	96%	*	70	72
	warshall_floyd_shortest_paths	26	11	100%	100%		155	196
Ruby 1.8	rank	56	13	100%	92%	*	111	202
	** (power!)	59	16	100%	96%	**	274	356
RubyChess	canBlockACheck	23	10	94%	74%	**	285	333
	move	111	26	88%	68%	**	356	143
<b>TOTAL</b> (Average):		44.1	10.3	98.6%	90.4%		131.4	152.9