

	Solver	Time (s)						Result					
		< .04	< .12	< .37	< 1.1	< 3.3	< 10	sat	unsat	unchk	wrong	tmout	err
Kaluza	dz3	5018	71	48	22	15	10	2608	2576	0	0	268	0
	z3	4325	582	77	30	38	47	2521	2578	0	0	353	0
	z3str3	4439	569	241	22	33	6	2728	2577	5	0	127	15
	z3trau	3998	728	259	104	63	96	2657	2591	0	0	204	0
	cvc4	3744	1323	62	183	6	122	2849	2591	0	0	12	0
	ostrich	0	0	0	1747	2369	65	1665	2516	0	0	0	1271
Slog	dz3	1884	55	23	3	1	0	798	1168	0	0	10	0
	z3	934	101	4	31	30	36	71	1065	0	0	840	0
	z3str3	1143	542	89	36	25	21	784	1072	0	0	120	0
	z3trau	1224	178	186	138	106	61	727	1166	0	1	82	0
	cvc4	1887	61	24	4	0	0	808	1168	0	0	0	0
	ostrich	0	0	0	1363	583	21	800	1167	0	0	1	8
Norm	dz3	366	282	69	13	2	0	594	138	0	0	81	0
	z3	76	103	98	124	51	90	469	73	0	0	274	0
	z3str3	626	2	0	1	0	0	567	62	0	0	187	0
	z3trau	170	78	5	1	1	0	208	47	0	115	0	446
	cvc4	544	132	27	2	30	5	591	149	0	0	73	3
	ostrich	0	0	0	439	377	0	597	219	0	0	0	0
Norm	dz3	82	13	3	1	0	0	67	32	0	0	48	0
	z3	44	30	9	6	3	2	63	31	0	0	53	0
	z3str3	77	0	0	0	0	0	60	17	0	0	70	0
	z3trau	47	50	4	0	0	0	34	67	0	27	0	19
	cvc4	96	25	3	3	1	0	66	62	0	0	19	0
	ostrich	0	0	0	90	57	0	67	80	0	0	0	0
SyGuS-qgen	dz3	126	176	41	0	0	0	331	0	12	0	0	0
	z3	0	0	0	0	14	51	65	0	0	0	278	0
	z3str3	277	4	0	0	0	0	273	0	8	0	41	21
	z3trau	0	0	8	51	24	120	201	0	2	0	105	35
	cvc4	21	17	124	102	62	7	333	0	0	0	10	0
	ostrich	0	0	0	0	0	0	0	0	0	0	0	343
RegExLib Intersection	dz3	6	9	14	4	2	0	26	9	0	0	20	0
	z3	1	2	3	12	9	0	4	23	0	0	28	0
	z3str3	2	1	6	12	6	0	4	23	0	0	28	0
	z3trau	2	0	4	12	8	0	3	23	0	0	29	0
	cvc4	2	9	4	1	1	3	20	0	0	0	35	0
	ostrich	0	0	0	11	34	0	25	20	0	0	0	10
RegExLib Subset	dz3	26	28	27	5	5	0	90	1	0	0	9	0
	z3	0	0	0	2	5	3	7	3	0	0	90	0
	z3str3	0	0	0	2	4	3	6	3	0	0	91	0
	z3trau	0	0	0	0	5	4	6	3	0	0	91	0
	cvc4	17	46	12	2	1	2	80	0	0	0	20	0
	ostrich	0	0	0	12	69	0	72	9	0	0	0	19
Handwr.	dz3	35	14	7	9	7	6	42	36	0	0	10	1
	z3	20	4	4	6	2	1	14	23	0	2	46	4
	cvc4	28	6	3	2	7	5	28	23	0	0	25	13
	ostrich	0	0	0	52	24	0	40	36	0	5	6	2

Figure 6. Full results of the experiments, divided by double lines into non-Boolean benchmarks (regular expression constraints are on separate variables, top), Boolean benchmarks (multiple regular expression constraints on the same variable, middle), and additional handcrafted Boolean examples (bottom).