

Appendixes

Appendix A

Measures I

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg4-4_ext.xml						
or-tools CT	20	14276	14296	101115	3202241	1500000
or-tools MDD-4R	306	26719	27025	101126	3202263	1500000
OscAR CT	60	9882	9942	101115	3202241	1500000
OscAR STR2	66	20820	20886	101115	3202241	1500000
OscAR GAC-4	102	10543	10645	101115	3202241	1500000
OscAR GAC-4R	112	14551	14663	101115	3202241	1500000
OscAR MDD-4R	418	18397	18815	101115	3202241	1500000
crossword-m1c-ogd-vg4-5_ext.xml						
or-tools CT	34	13959	13993	159315	2318642	1000000
or-tools MDD-4R	838	28920	29758	159315	2318642	1000000
OscAR CT	94	10773	10867	159315	2318642	1000000
OscAR STR2	104	25292	25396	159315	2318642	1000000
OscAR GAC-4	186	13993	14179	159315	2318642	1000000
OscAR GAC-4R	192	18858	19050	159315	2318642	1000000
OscAR MDD-4R	768	21616	22384	159315	2318642	1000000
crossword-m1c-ogd-vg4-6_ext.xml						
or-tools CT	77	8596	8673	130235	860478	300000
or-tools MDD-4R	2115	19318	21433	130235	860478	300000
OscAR CT	129	7868	7997	130235	860478	300000
OscAR STR2	123	20419	20542	130235	860478	300000
OscAR GAC-4	235	12122	12357	130235	860478	300000
OscAR GAC-4R	246	13177	13423	130235	860478	300000
OscAR MDD-4R	1420	16927	18347	130235	860478	300000
crossword-m1c-ogd-vg4-7_ext.xml						
or-tools CT	152	7424	7576	96757	393526	100000
or-tools MDD-4R	4464	16826	21290	96834	393680	100000
OscAR CT	144	7440	7584	96757	393526	100000
OscAR STR2	163	21198	21361	96757	393526	100000
OscAR GAC-4	385	16802	17187	96757	393526	100000
OscAR GAC-4R	394	13331	13725	96757	393526	100000
OscAR MDD-4R	2300	18232	20532	96757	393526	100000

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg4-8_ext.xml						
or-tools CT	246	5957	6203	47178	114366	10000
or-tools MDD-4R	7856	18946	26802	47241	114492	10000
OscAR CT	152	6643	6795	47178	114366	10000
OscAR STR2	192	27131	27323	47178	114366	10000
OscAR GAC-4	430	25100	25530	47178	114366	10000
OscAR GAC-4R	469	17691	18160	47178	114366	10000
OscAR MDD-4R	4537	21234	25771	47178	114366	10000
crossword-m1c-ogd-vg5-5_ext.xml						
or-tools CT	67	9516	9583	139551	1079114	400000
or-tools MDD-4R	1612	20726	22338	139551	1079114	400000
OscAR CT	131	8216	8347	139551	1079114	400000
OscAR STR2	103	22098	22201	139551	1079114	400000
OscAR GAC-4	237	12580	12817	139551	1079114	400000
OscAR GAC-4R	222	13193	13415	139551	1079114	400000
OscAR MDD-4R	966	19035	20001	139551	1079114	400000
crossword-m1c-ogd-vg5-6_ext.xml						
or-tools CT	124	9505	9629	148359	496730	100000
or-tools MDD-4R	3264	24953	28217	148359	496730	100000
OscAR CT	125	9390	9515	148359	496730	100000
OscAR STR2	124	31585	31709	148359	496730	100000
OscAR GAC-4	278	23987	24265	148359	496730	100000
OscAR GAC-4R	309	19980	20289	148359	496730	100000
OscAR MDD-4R	1673	25525	27198	148359	496730	100000
crossword-m1c-ogd-vg5-7_ext.xml						
or-tools CT	208	7050	7258	80622	181256	10000
or-tools MDD-4R	6302	21280	27582	80821	181654	10000
OscAR CT	164	7647	7811	80622	181256	10000
OscAR STR2	172	27742	27914	80622	181256	10000
OscAR GAC-4	349	24266	24615	80622	181256	10000
OscAR GAC-4R	344	17014	17358	80622	181256	10000
OscAR MDD-4R	3089	24411	27500	80622	181256	10000
crossword-m1c-ogd-vg5-8_ext.xml						
or-tools CT	332	4760	5092	34093	71197	1500
or-tools MDD-4R	10755	16788	27543	34145	71301	1500
OscAR CT	160	5452	5612	34093	71197	1500
OscAR STR2	190	21087	21277	34093	71197	1500
OscAR GAC-4	506	18461	18967	34093	71197	1500
OscAR GAC-4R	527	13055	13582	34093	71197	1500
OscAR MDD-4R	4795	21441	26236	34093	71197	1500

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg5-9_ext.xml						
or-tools CT	462	4063	4525	16731	33492	10
or-tools MDD-4R	16903	18101	35004	16738	33506	10
OscAR CT	214	4697	4911	16731	33492	10
OscAR STR2	212	24264	24476	16731	33492	10
OscAR GAC-4	738	24076	24814	16731	33492	10
OscAR GAC-4R	714	16225	16939	16731	33492	10
OscAR MDD-4R	7071	24223	31294	16731	33492	10
crossword-m1c-ogd-vg6-6_ext.xml						
or-tools CT	203	5136	5339	60679	151371	15000
or-tools MDD-4R	5565	15273	20838	60679	151371	15000
OscAR CT	165	5621	5786	60679	151371	15000
OscAR STR2	153	20998	21151	60679	151371	15000
OscAR GAC-4	357	17872	18229	60679	151371	15000
OscAR GAC-4R	328	13366	13694	60679	151371	15000
OscAR MDD-4R	2781	17624	20405	60679	151371	15000
crossword-m1c-ogd-vg6-7_ext.xml						
or-tools CT	316	3007	3323	21549	43505	200
or-tools MDD-4R	9363	11287	20650	21837	44081	200
OscAR CT	179	3627	3806	21549	43505	200
OscAR STR2	183	15071	15254	21549	43505	200
OscAR GAC-4	472	11204	11676	21549	43505	200
OscAR GAC-4R	478	9220	9698	21549	43505	200
OscAR MDD-4R	4838	14140	18978	21549	43505	200
crossword-m1c-ogd-vg6-8_ext.xml						
or-tools CT	468	3339	3807	15242	30497	2
or-tools MDD-4R	14871	13278	28149	15356	30725	2
OscAR CT	210	3873	4083	15242	30497	2
OscAR STR2	238	14726	14964	15242	30497	2
OscAR GAC-4	690	15861	16551	15242	30497	2
OscAR GAC-4R	721	10187	10908	15242	30497	2
OscAR MDD-4R	7543	18080	25623	15242	30497	2
crossword-m1c-ogd-vg6-9_ext.xml						
or-tools CT	602	213619	214221	692689	1385394	1
or-tools MDD-4R	22261	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	222	223857	224079	692689	1385394	1
OscAR STR2	244	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	801	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	878	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	10144	T.O.	T.O.	T.O.	T.O.	T.O.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg6-10_ext.xml						
or-tools CT	715	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	28499	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	255	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	261	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	903	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1011	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	13549	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg7-7_ext.xml						
or-tools CT	472	8065	8537	43923	88136	140
or-tools MDD-4R	14758	39350	54108	44672	89634	140
OscAR CT	230	8912	9142	43923	88136	140
OscAR STR2	230	46497	46727	43923	88136	140
OscAR GAC-4	557	47365	47922	43923	88136	140
OscAR GAC-4R	612	29304	29916	43923	88136	140
OscAR MDD-4R	6911	45952	52863	43923	88136	140
crossword-m1c-ogd-vg7-8_ext.xml						
or-tools CT	642	230207	230849	748056	1496125	1
or-tools MDD-4R	21075	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	279	239100	239379	748056	1496125	1
OscAR STR2	322	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	795	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	899	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	11698	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg7-9_ext.xml						
or-tools CT	856	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	29993	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	270	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	303	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1004	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1134	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	14702	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg7-10_ext.xml						
or-tools CT	962	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	37839	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	286	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	330	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1109	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1292	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	19675	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg7-11_ext.xml						
or-tools CT	973	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	42410	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	313	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	360	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1237	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1341	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	15704	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg8-8_ext.xml						
or-tools CT	864	430	1294	608	1226	1
or-tools MDD-4R	29236	660	29896	610	1230	1
OscAR CT	359	493	852	608	1226	1
OscAR STR2	297	977	1274	608	1226	1
OscAR GAC-4	934	797	1731	608	1226	1
OscAR GAC-4R	1072	874	1946	608	1226	1
OscAR MDD-4R	17346	1313	18659	608	1226	1
crossword-m1c-ogd-vg8-9_ext.xml						
or-tools CT	1114	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	40273	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	408	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	333	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1256	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1262	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	22837	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg8-10_ext.xml						
or-tools CT	1269	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	50182	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	436	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	374	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1508	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1534	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	23086	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg8-11_ext.xml						
or-tools CT	1299	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	56702	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	438	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	417	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1523	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1596	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	31101	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg8-12_ext.xml						
or-tools CT	1234	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	56788	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	476	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	402	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1367	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1462	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	25329	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg9-9_ext.xml						
or-tools CT	1403	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	53999	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	454	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	379	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1552	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1670	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	32167	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg9-10_ext.xml						
or-tools CT	1602	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	66295	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	480	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	434	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1687	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1715	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	36382	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg9-11_ext.xml						
or-tools CT	1618	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	73849	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	518	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	427	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1892	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1850	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	36551	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg9-12_ext.xml						
or-tools CT	1614	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	76026	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	504	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	447	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1609	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1764	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	36866	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg9-13_ext.xml						
or-tools CT	1491	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	74718	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	504	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	414	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1436	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1593	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	37163	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg10-10_ext.xml						
or-tools CT	1835	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	80141	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	601	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	442	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1916	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2138	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	44135	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg10-11_ext.xml						
or-tools CT	1881	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	89255	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	613	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	502	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1913	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2125	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	50988	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg10-12_ext.xml						
or-tools CT	1842	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	92973	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	639	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	474	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1783	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2148	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	48018	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg10-13_ext.xml						
or-tools CT	1699	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	91007	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	504	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	453	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1652	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1825	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	45958	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg10-14_ext.xml						
or-tools CT	1592	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	86947	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	545	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	425	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1477	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1736	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	49431	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg11-11_ext.xml						
or-tools CT	1940	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	100907	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	635	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	519	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	2170	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2351	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	56355	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg11-12_ext.xml						
or-tools CT	1850	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	103543	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	569	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	551	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1745	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2192	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	51691	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg11-13_ext.xml						
or-tools CT	1705	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	101942	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	549	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	508	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1768	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1903	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	54983	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg11-14_ext.xml						
or-tools CT	1554	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	98280	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	557	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	474	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1609	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1482	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	53606	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg11-15_ext.xml						
or-tools CT	1505	109443	110948	48482	96962	N.S.
or-tools MDD-4R	93659	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	556	116016	116572	48482	96962	N.S.
OscAR STR2	467	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1502	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1587	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	42589	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg12-12_ext.xml						
or-tools CT	1807	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	105712	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	582	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	552	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	2045	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	2081	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	60529	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg12-13_ext.xml						
or-tools CT	1586	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	104858	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	529	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	506	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1610	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1783	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	49076	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg12-14_ext.xml						
or-tools CT	1428	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	99100	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	505	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	504	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1592	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1535	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	47935	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-ogd-vg12-15_ext.xml						
or-tools CT	1377	68467	69844	26317	52632	N.S.
or-tools MDD-4R	92440	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	466	72104	72570	26317	52632	N.S.
OscAR STR2	482	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	1346	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	1365	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	43503	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg12-16_ext.xml						
or-tools CT	1230	5124	6354	1442	2882	N.S.
or-tools MDD-4R	80145	91256	171401	1521	3040	N.S.
OscAR CT	456	5756	6212	1442	2882	N.S.
OscAR STR2	444	97361	97805	1442	2882	N.S.
OscAR GAC-4	1296	121542	122838	1442	2882	N.S.
OscAR GAC-4R	1419	59677	61096	1442	2882	N.S.
OscAR MDD-4R	38893	96419	135312	1442	2882	N.S.
crossword-m1c-ogd-vg13-13_ext.xml						
or-tools CT	1364	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	98897	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	501	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	502	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	1443	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1767	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	50986	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg13-14_ext.xml						
or-tools CT	1142	180257	181399	65662	131322	N.S.
or-tools MDD-4R	93752	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	465	190282	190747	65662	131322	N.S.
OscAR STR2	486	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	1344	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1481	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	48335	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg13-15_ext.xml						
or-tools CT	1038	39270	40308	12577	25152	N.S.
or-tools MDD-4R	85466	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	435	41048	41483	12577	25152	N.S.
OscAR STR2	495	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	1265	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1371	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	42598	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg13-16_ext.xml						
or-tools CT	906	3805	4711	1090	2178	N.S.
or-tools MDD-4R	71016	72809	143825	1183	2364	N.S.
OscAR CT	386	4221	4607	1090	2178	N.S.
OscAR STR2	428	70435	70863	1090	2178	N.S.
OscAR GAC-4	1218	87949	89167	1090	2178	N.S.
OscAR GAC-4R	1239	41100	42339	1090	2178	N.S.
OscAR MDD-4R	31115	77077	108192	1090	2178	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg13-17_ext.xml						
or-tools CT	933	1921	2854	490	978	N.S.
or-tools MDD-4R	71172	34067	105239	541	1080	N.S.
OscAR CT	365	2067	2432	490	978	N.S.
OscAR STR2	446	31603	32049	490	978	N.S.
OscAR GAC-4	1172	38850	40022	490	978	N.S.
OscAR GAC-4R	1214	20957	22171	490	978	N.S.
OscAR MDD-4R	33425	36952	70377	490	978	N.S.
crossword-m1c-ogd-vg14-14_ext.xml						
or-tools CT	959	77450	78409	23773	47544	N.S.
or-tools MDD-4R	85674	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	462	80487	80949	23773	47544	N.S.
OscAR STR2	454	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	1272	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1296	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	40299	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg14-15_ext.xml						
or-tools CT	767	22907	23674	6685	13368	N.S.
or-tools MDD-4R	77135	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	363	23864	24227	6685	13368	N.S.
OscAR STR2	431	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	1046	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1113	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	34193	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg14-16_ext.xml						
or-tools CT	604	2251	2855	669	1336	N.S.
or-tools MDD-4R	59371	48107	107478	785	1568	N.S.
OscAR CT	288	2565	2853	669	1336	N.S.
OscAR STR2	335	41381	41716	669	1336	N.S.
OscAR GAC-4	833	44276	45109	669	1336	N.S.
OscAR GAC-4R	873	22740	23613	669	1336	N.S.
OscAR MDD-4R	24347	49499	73846	669	1336	N.S.
crossword-m1c-ogd-vg14-17_ext.xml						
or-tools CT	586	1072	1658	262	522	N.S.
or-tools MDD-4R	58101	22827	80928	350	698	N.S.
OscAR CT	335	1276	1611	262	522	N.S.
OscAR STR2	370	16961	17331	262	522	N.S.
OscAR GAC-4	871	20267	21138	262	522	N.S.
OscAR GAC-4R	907	10607	11514	262	522	N.S.
OscAR MDD-4R	29474	20337	49811	262	522	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg14-18_ext.xml						
or-tools CT	625	452	1077	67	132	N.S.
or-tools MDD-4R	58089	7834	65923	95	188	N.S.
OscAR CT	307	450	757	67	132	N.S.
OscAR STR2	381	5112	5493	67	132	N.S.
OscAR GAC-4	848	6945	7793	67	132	N.S.
OscAR GAC-4R	963	3724	4687	67	132	N.S.
OscAR MDD-4R	24336	6364	30700	67	132	N.S.
crossword-m1c-ogd-vg15-15_ext.xml						
or-tools CT	624	15236	15860	4518	9034	N.S.
or-tools MDD-4R	66209	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	360	15717	16077	4518	9034	N.S.
OscAR STR2	419	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	967	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	999	207854	208853	4518	9034	N.S.
OscAR MDD-4R	29617	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-ogd-vg15-16_ext.xml						
or-tools CT	384	931	1315	269	536	N.S.
or-tools MDD-4R	46400	25101	71501	379	756	N.S.
OscAR CT	251	1319	1570	269	536	N.S.
OscAR STR2	335	15743	16078	269	536	N.S.
OscAR GAC-4	648	16715	17363	269	536	N.S.
OscAR GAC-4R	678	8725	9403	269	536	N.S.
OscAR MDD-4R	17261	24404	41665	269	536	N.S.
crossword-m1c-ogd-vg15-17_ext.xml						
or-tools CT	383	519	902	123	244	N.S.
or-tools MDD-4R	43480	12949	56429	200	398	N.S.
OscAR CT	280	723	1003	123	244	N.S.
OscAR STR2	336	7248	7584	123	244	N.S.
OscAR GAC-4	706	7806	8512	123	244	N.S.
OscAR GAC-4R	655	4582	5237	123	244	N.S.
OscAR MDD-4R	18764	10206	28970	123	244	N.S.
crossword-m1c-ogd-vg15-18_ext.xml						
or-tools CT	394	253	647	36	7	N.S.
or-tools MDD-4R	42385	3980	46365	53	104	N.S.
OscAR CT	287	284	571	36	7	N.S.
OscAR STR2	314	2044	2358	36	7	N.S.
OscAR GAC-4	617	3007	3624	36	7	N.S.
OscAR GAC-4R	737	1662	2399	36	7	N.S.
OscAR MDD-4R	16947	6124	23071	36	7	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg15-19_ext.xml						
or-tools CT	422	252	674	0	0	N.S.
or-tools MDD-4R	45138	1821	46959	20	38	N.S.
OscAR CT	242	5	247	0	0	N.S.
OscAR STR2	336	4	340	0	0	N.S.
OscAR GAC-4	688	3	691	0	0	N.S.
OscAR GAC-4R	671	3	674	0	0	N.S.
OscAR MDD-4R	20549	4	20553	0	0	N.S.
crossword-m1c-ogd-vg16-16_ext.xml						
or-tools CT	109	84	193	20	38	N.S.
or-tools MDD-4R	23994	1938	25932	35	68	N.S.
OscAR CT	190	110	300	20	38	N.S.
OscAR STR2	301	511	812	20	38	N.S.
OscAR GAC-4	399	654	1053	20	38	N.S.
OscAR GAC-4R	437	499	936	20	38	N.S.
OscAR MDD-4R	7823	1631	9454	20	38	N.S.
crossword-m1c-ogd-vg16-17_ext.xml						
or-tools CT	89	75	164	18	34	N.S.
or-tools MDD-4R	20506	1167	21673	19	36	N.S.
OscAR CT	189	111	300	18	34	N.S.
OscAR STR2	327	356	683	18	34	N.S.
OscAR GAC-4	335	401	736	18	34	N.S.
OscAR GAC-4R	403	385	788	18	34	N.S.
OscAR MDD-4R	6038	2544	8582	18	34	N.S.
crossword-m1c-ogd-vg16-18_ext.xml						
or-tools CT	78	61	139	0	0	N.S.
or-tools MDD-4R	17010	186	17196	4	6	N.S.
OscAR CT	193	4	197	0	0	N.S.
OscAR STR2	256	7	263	0	0	N.S.
OscAR GAC-4	375	4	379	0	0	N.S.
OscAR GAC-4R	395	4	399	0	0	N.S.
OscAR MDD-4R	5978	4	5982	0	0	N.S.
crossword-m1c-ogd-vg16-19_ext.xml						
or-tools CT	70	48	118	0	0	N.S.
or-tools MDD-4R	16458	297	16755	0	0	N.S.
OscAR CT	194	5	199	0	0	N.S.
OscAR STR2	175	3	178	0	0	N.S.
OscAR GAC-4	313	3	316	0	0	N.S.
OscAR GAC-4R	302	7	309	0	0	N.S.
OscAR MDD-4R	5802	5	5807	0	0	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg16-20_ext.xml						
or-tools CT	69	29	98	0	0	N.S.
or-tools MDD-4R	16302	276	16578	0	0	N.S.
OscasR CT	148	3	151	0	0	N.S.
OscasR STR2	170	8	178	0	0	N.S.
OscasR GAC-4	269	3	272	0	0	N.S.
OscasR GAC-4R	286	4	290	0	0	N.S.
OscasR MDD-4R	6703	4	6707	0	0	N.S.
crossword-m1c-uk-vg4-4_ext.xml						
or-tools CT	28	12099	12127	31975	3063960	1500000
or-tools MDD-4R	505	20145	20650	31975	3063960	1500000
OscasR CT	85	7761	7846	31975	3063960	1500000
OscasR STR2	69	16641	16710	31975	3063960	1500000
OscasR GAC-4	144	9124	9268	31975	3063960	1500000
OscasR GAC-4R	148	12149	12297	31975	3063960	1500000
OscasR MDD-4R	510	13864	14374	31975	3063960	1500000
crossword-m1c-uk-vg4-5_ext.xml						
or-tools CT	53	7327	7380	82348	1164710	500000
or-tools MDD-4R	1279	14878	16157	82348	1164710	500000
OscasR CT	121	6424	6545	82348	1164710	500000
OscasR STR2	94	13564	13658	82348	1164710	500000
OscasR GAC-4	196	7838	8034	82348	1164710	500000
OscasR GAC-4R	226	10381	10607	82348	1164710	500000
OscasR MDD-4R	915	12374	13289	82348	1164710	500000
crossword-m1c-uk-vg4-6_ext.xml						
or-tools CT	92	7184	7276	89163	778337	300000
or-tools MDD-4R	3043	16817	19860	89164	778339	300000
OscasR CT	135	6464	6599	89163	778337	300000
OscasR STR2	129	14879	15008	89163	778337	300000
OscasR GAC-4	237	10799	11036	89163	778337	300000
OscasR GAC-4R	265	10980	11245	89163	778337	300000
OscasR MDD-4R	1450	15465	16915	89163	778337	300000
crossword-m1c-uk-vg4-7_ext.xml						
or-tools CT	140	5697	5837	87068	274144	50000
or-tools MDD-4R	5873	17323	23196	87137	274282	50000
OscasR CT	142	6062	6204	87068	274144	50000
OscasR STR2	122	16584	16706	87068	274144	50000
OscasR GAC-4	299	12008	12307	87068	274144	50000
OscasR GAC-4R	311	11112	11423	87068	274144	50000
OscasR MDD-4R	2504	20299	22803	87068	274144	50000

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg4-8_ext.xml						
or-tools CT	167	6335	6502	74240	168488	10000
or-tools MDD-4R	9397	30309	39706	74294	168596	10000
OscAR CT	137	6768	6905	74240	168488	10000
OscAR STR2	137	21232	21369	74240	168488	10000
OscAR GAC-4	323	22220	22543	74240	168488	10000
OscAR GAC-4R	409	15983	16392	74240	168488	10000
OscAR MDD-4R	3865	36419	40284	74240	168488	10000
crossword-m1c-uk-vg5-5_ext.xml						
or-tools CT	89	9025	9114	193641	587291	100000
or-tools MDD-4R	2350	23434	25784	193641	587291	100000
OscAR CT	163	8666	8829	193641	587291	100000
OscAR STR2	122	23913	24035	193641	587291	100000
OscAR GAC-4	245	16085	16330	193641	587291	100000
OscAR GAC-4R	236	14834	15070	193641	587291	100000
OscAR MDD-4R	1627	23640	25267	193641	587291	100000
crossword-m1c-uk-vg5-6_ext.xml						
or-tools CT	139	4709	4848	75083	160172	5000
or-tools MDD-4R	4638	15732	20370	75083	160172	5000
OscAR CT	137	4996	5133	75083	160172	5000
OscAR STR2	129	16741	16870	75083	160172	5000
OscAR GAC-4	284	14516	14800	75083	160172	5000
OscAR GAC-4R	304	10573	10877	75083	160172	5000
OscAR MDD-4R	2137	17985	20122	75083	160172	5000
crossword-m1c-uk-vg5-7_ext.xml						
or-tools CT	212	10018	10230	103448	208907	1000
or-tools MDD-4R	8316	43793	52109	103503	209017	1000
OscAR CT	164	10132	10296	103448	208907	1000
OscAR STR2	178	38647	38825	103448	208907	1000
OscAR GAC-4	383	31769	32152	103448	208907	1000
OscAR GAC-4R	372	24901	25273	103448	208907	1000
OscAR MDD-4R	3866	51274	55140	103448	208907	1000
crossword-m1c-uk-vg5-8_ext.xml						
or-tools CT	241	3586	3827	24666	49361	10
or-tools MDD-4R	13010	24547	37557	24679	49387	10
OscAR CT	149	4198	4347	24666	49361	10
OscAR STR2	156	16527	16683	24666	49361	10
OscAR GAC-4	365	19106	19471	24666	49361	10
OscAR GAC-4R	357	12378	12735	24666	49361	10
OscAR MDD-4R	5476	32104	37580	24666	49361	10

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg5-9_ext.xml						
or-tools CT	275	21198	21473	114010	228029	1
or-tools MDD-4R	18089	200106	218195	114022	228053	1
OscAR CT	166	22395	22561	114010	228029	1
OscAR STR2	189	117494	117683	114010	228029	1
OscAR GAC-4	462	138184	138646	114010	228029	1
OscAR GAC-4R	475	80715	81190	114010	228029	1
OscAR MDD-4R	5723	231409	237132	114010	228029	1
crossword-m1c-uk-vg6-6_ext.xml						
or-tools CT	208	4772	4980	47975	97961	1000
or-tools MDD-4R	7844	19503	27347	47976	97963	1000
OscAR CT	165	5137	5302	47975	97961	1000
OscAR STR2	170	19535	19705	47975	97961	1000
OscAR GAC-4	345	17536	17881	47975	97961	1000
OscAR GAC-4R	364	12468	12832	47975	97961	1000
OscAR MDD-4R	3762	23619	27381	47975	97961	1000
crossword-m1c-uk-vg6-7_ext.xml						
or-tools CT	281	9628	9909	67814	135642	2
or-tools MDD-4R	12432	52597	65029	67821	135656	2
OscAR CT	166	10482	10648	67814	135642	2
OscAR STR2	175	41187	41362	67814	135642	2
OscAR GAC-4	454	35996	36450	67814	135642	2
OscAR GAC-4R	502	26464	26966	67814	135642	2
OscAR MDD-4R	5237	62201	67438	67814	135642	2
crossword-m1c-uk-vg6-8_ext.xml						
or-tools CT	346	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	18247	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	175	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	201	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	486	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	487	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	8850	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg6-9_ext.xml						
or-tools CT	380	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	24719	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	187	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	223	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	569	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	558	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	8779	T.O.	T.O.	T.O.	T.O.	T.O.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg6-10_ext.xml						
or-tools CT	403	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	29043	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	187	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	225	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	587	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	544	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	8741	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg7-7_ext.xml						
or-tools CT	390	15822	16212	77896	155813	5
or-tools MDD-4R	18931	128377	147308	77916	155853	5
OscAR CT	248	16394	16642	77896	155813	5
OscAR STR2	238	86563	86801	77896	155813	5
OscAR GAC-4	555	84263	84818	77896	155813	5
OscAR GAC-4R	557	58543	59100	77896	155813	5
OscAR MDD-4R	8469	152789	161258	77896	155813	5
crossword-m1c-uk-vg7-8_ext.xml						
or-tools CT	460	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	26201	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	202	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	210	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	583	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	637	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	9116	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg7-9_ext.xml						
or-tools CT	520	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	34052	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	215	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	247	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	679	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	700	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	13423	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg7-10_ext.xml						
or-tools CT	533	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	39615	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	249	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	252	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	708	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	742	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	14614	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg7-11_ext.xml						
or-tools CT	520	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	41244	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	201	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	250	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	712	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	687	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	16767	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg8-8_ext.xml						
or-tools CT	568	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	35243	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	301	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	246	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	756	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	726	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	17330	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg8-9_ext.xml						
or-tools CT	626	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	45431	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	298	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	270	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	714	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	862	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	16709	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg8-10_ext.xml						
or-tools CT	625	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	53232	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	323	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	306	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	755	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	838	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	22149	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg8-11_ext.xml						
or-tools CT	617	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	55259	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	307	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	270	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	793	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	798	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	20254	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg8-12_ext.xml						
or-tools CT	592	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	54785	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	237	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	281	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	746	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	790	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	19628	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg9-9_ext.xml						
or-tools CT	685	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	57100	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	296	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	268	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	801	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	859	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	23052	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg9-10_ext.xml						
or-tools CT	720	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	66213	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	326	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	285	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	925	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	913	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	23881	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg9-11_ext.xml						
or-tools CT	689	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	70038	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	328	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	329	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	829	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	892	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	29210	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg9-12_ext.xml						
or-tools CT	672	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	69622	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	322	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	286	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	788	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	856	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	24138	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg9-13_ext.xml						
or-tools CT	635	260388	261023	248577	497152	N.S.
or-tools MDD-4R	67733	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	253	273543	273796	248577	497152	N.S.
OscAR STR2	300	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	792	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	833	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	20251	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg10-10_ext.xml						
or-tools CT	721	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	76694	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	314	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	310	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	876	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	839	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	28058	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg10-11_ext.xml						
or-tools CT	679	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	81626	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	330	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	304	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	838	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	906	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	27702	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg10-12_ext.xml						
or-tools CT	641	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	81460	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	315	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	289	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	844	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	837	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	27646	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg10-13_ext.xml						
or-tools CT	616	223362	223978	177356	354710	N.S.
or-tools MDD-4R	79433	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	263	227529	227792	177356	354710	N.S.
OscAR STR2	278	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	817	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	831	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	28075	T.O.	T.O.	T.O.	T.O.	T.O.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg10-14_ext.xml						
or-tools CT	610	56243	56853	45459	90916	N.S.
or-tools MDD-4R	76277	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	238	58618	58856	45459	90916	N.S.
OscAR STR2	268	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	708	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	718	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	26334	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg11-11_ext.xml						
or-tools CT	640	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	84944	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	324	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	313	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	862	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	862	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	29665	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg11-12_ext.xml						
or-tools CT	586	T.0.	T.0.	T.0.	T.0.	T.0.
or-tools MDD-4R	83911	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	240	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR STR2	270	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	817	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	821	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	26011	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg11-13_ext.xml						
or-tools CT	547	143086	143633	97070	194138	N.S.
or-tools MDD-4R	82450	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	252	147166	147418	97070	194138	N.S.
OscAR STR2	288	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	633	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	752	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	24340	T.0.	T.0.	T.0.	T.0.	T.0.
crossword-m1c-uk-vg11-14_ext.xml						
or-tools CT	507	36024	36531	23549	47096	N.S.
or-tools MDD-4R	79571	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR CT	235	38309	38544	23549	47096	N.S.
OscAR STR2	247	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4	710	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR GAC-4R	771	T.0.	T.0.	T.0.	T.0.	T.0.
OscAR MDD-4R	26124	T.0.	T.0.	T.0.	T.0.	T.0.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg11-15_ext.xml						
or-tools CT	503	10094	10597	5133	10264	N.S.
or-tools MDD-4R	76120	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	276	11185	11461	5133	10264	N.S.
OscAR STR2	300	163237	163537	5133	10264	N.S.
OscAR GAC-4	732	156682	157414	5133	10264	N.S.
OscAR GAC-4R	798	92951	93749	5133	10264	N.S.
OscAR MDD-4R	23881	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg12-12_ext.xml						
or-tools CT	528	T.O.	T.O.	T.O.	T.O.	T.O.
or-tools MDD-4R	83984	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	298	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR STR2	298	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	751	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	855	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	26546	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg12-13_ext.xml						
or-tools CT	467	88655	89122	52606	105210	N.S.
or-tools MDD-4R	80619	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	284	93343	93627	52606	105210	N.S.
OscAR STR2	274	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	690	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	753	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	25598	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg12-14_ext.xml						
or-tools CT	419	24514	24933	13415	26828	N.S.
or-tools MDD-4R	76529	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	266	25884	26150	13415	26828	N.S.
OscAR STR2	249	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	651	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	754	263126	263880	13415	26828	N.S.
OscAR MDD-4R	23468	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg12-15_ext.xml						
or-tools CT	391	7972	8363	3628	7254	N.S.
or-tools MDD-4R	71568	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	245	9426	9671	3628	7254	N.S.
OscAR STR2	256	134710	134966	3628	7254	N.S.
OscAR GAC-4	614	119091	119705	3628	7254	N.S.
OscAR GAC-4R	620	70173	70793	3628	7254	N.S.
OscAR MDD-4R	21559	277662	299221	3628	7254	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg12-16_ext.xml						
or-tools CT	379	3308	3687	1371	2740	N.S.
or-tools MDD-4R	67569	91573	159142	1405	2808	N.S.
OscAR CT	277	4060	4337	1371	2740	N.S.
OscAR STR2	278	45200	45478	1371	2740	N.S.
OscAR GAC-4	597	47404	48001	1371	2740	N.S.
OscAR GAC-4R	626	25257	25883	1371	2740	N.S.
OscAR MDD-4R	19885	98003	117888	1371	2740	N.S.
crossword-m1c-uk-vg13-13_ext.xml						
or-tools CT	384	58949	59333	29350	58698	N.S.
or-tools MDD-4R	75793	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	233	61040	61273	29350	58698	N.S.
OscAR STR2	288	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	619	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	654	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR MDD-4R	25514	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg13-14_ext.xml						
or-tools CT	327	16975	17302	7895	15788	N.S.
or-tools MDD-4R	70336	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	261	18717	18978	7895	15788	N.S.
OscAR STR2	246	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	606	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	620	174001	174621	7895	15788	N.S.
OscAR MDD-4R	19506	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg13-15_ext.xml						
or-tools CT	296	6271	6567	2793	5584	N.S.
or-tools MDD-4R	66565	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	208	7339	7547	2793	5584	N.S.
OscAR STR2	268	109034	109302	2793	5584	N.S.
OscAR GAC-4	563	88573	89136	2793	5584	N.S.
OscAR GAC-4R	608	53439	54047	2793	5584	N.S.
OscAR MDD-4R	20901	222377	243278	2793	5584	N.S.
crossword-m1c-uk-vg13-16_ext.xml						
or-tools CT	273	2687	2960	1164	2326	N.S.
or-tools MDD-4R	60180	79423	139603	1220	2438	N.S.
OscAR CT	221	3437	3658	1164	2326	N.S.
OscAR STR2	238	36900	37138	1164	2326	N.S.
OscAR GAC-4	550	34769	35319	1164	2326	N.S.
OscAR GAC-4R	559	19923	20482	1164	2326	N.S.
OscAR MDD-4R	17320	83702	101022	1164	2326	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg13-17_ext.xml						
or-tools CT	279	1354	1633	570	1138	N.S.
or-tools MDD-4R	56902	35147	92049	585	1168	N.S.
OscAR CT	210	1843	2053	570	1138	N.S.
OscAR STR2	235	15759	15994	570	1138	N.S.
OscAR GAC-4	536	14896	15432	570	1138	N.S.
OscAR GAC-4R	538	9910	10448	570	1138	N.S.
OscAR MDD-4R	16193	39340	55533	570	1138	N.S.
crossword-m1c-uk-vg14-14_ext.xml						
or-tools CT	276	14439	14715	6373	12744	N.S.
or-tools MDD-4R	63123	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	218	16120	16338	6373	12744	N.S.
OscAR STR2	262	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4	565	297356	297921	6373	12744	N.S.
OscAR GAC-4R	589	147802	148391	6373	12744	N.S.
OscAR MDD-4R	17111	T.O.	T.O.	T.O.	T.O.	T.O.
crossword-m1c-uk-vg14-15_ext.xml						
or-tools CT	222	5590	5812	2546	5090	N.S.
or-tools MDD-4R	55689	228207	283896	2607	5212	N.S.
OscAR CT	204	7194	7398	2546	5090	N.S.
OscAR STR2	256	99691	99947	2546	5090	N.S.
OscAR GAC-4	509	85920	86429	2546	5090	N.S.
OscAR GAC-4R	541	46265	46806	2546	5090	N.S.
OscAR MDD-4R	17033	202679	219712	2546	5090	N.S.
crossword-m1c-uk-vg14-16_ext.xml						
or-tools CT	199	2399	2598	1095	2188	N.S.
or-tools MDD-4R	48183	77207	125390	1137	2272	N.S.
OscAR CT	202	3211	3413	1095	2188	N.S.
OscAR STR2	242	32070	32312	1095	2188	N.S.
OscAR GAC-4	429	28589	29018	1095	2188	N.S.
OscAR GAC-4R	441	16825	17266	1095	2188	N.S.
OscAR MDD-4R	14977	72820	87797	1095	2188	N.S.
crossword-m1c-uk-vg14-17_ext.xml						
or-tools CT	184	1113	1297	507	1012	N.S.
or-tools MDD-4R	45903	31407	77310	531	1060	N.S.
OscAR CT	189	1679	1868	507	1012	N.S.
OscAR STR2	229	12800	13029	507	1012	N.S.
OscAR GAC-4	420	12582	13002	507	1012	N.S.
OscAR GAC-4R	415	7820	8235	507	1012	N.S.
OscAR MDD-4R	11525	35287	46812	507	1012	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg14-18_ext.xml						
or-tools CT	195	573	768	232	462	N.S.
or-tools MDD-4R	45055	17495	62550	293	584	N.S.
OscAR CT	203	979	1182	232	462	N.S.
OscAR STR2	236	5640	5876	232	462	N.S.
OscAR GAC-4	382	6008	6390	232	462	N.S.
OscAR GAC-4R	446	3826	4272	232	462	N.S.
OscAR MDD-4R	12700	15354	28054	232	462	N.S.
crossword-m1c-uk-vg15-15_ext.xml						
or-tools CT	161	4024	4185	1868	3734	N.S.
or-tools MDD-4R	46538	169022	215560	1903	3804	N.S.
OscAR CT	201	5249	5450	1868	3734	N.S.
OscAR STR2	294	73641	73935	1868	3734	N.S.
OscAR GAC-4	487	59152	59639	1868	3734	N.S.
OscAR GAC-4R	439	31905	32344	1868	3734	N.S.
OscAR MDD-4R	11883	153751	165634	1868	3734	N.S.
crossword-m1c-uk-vg15-16_ext.xml						
or-tools CT	131	1673	1804	790	1578	N.S.
or-tools MDD-4R	39590	56725	96315	807	1612	N.S.
OscAR CT	175	2480	2655	790	1578	N.S.
OscAR STR2	228	23031	23259	790	1578	N.S.
OscAR GAC-4	384	17285	17669	790	1578	N.S.
OscAR GAC-4R	422	11817	12239	790	1578	N.S.
OscAR MDD-4R	9685	55635	65320	790	1578	N.S.
crossword-m1c-uk-vg15-17_ext.xml						
or-tools CT	117	743	860	323	644	N.S.
or-tools MDD-4R	35090	23591	58681	364	726	N.S.
OscAR CT	191	1240	1431	323	644	N.S.
OscAR STR2	243	8155	8398	323	644	N.S.
OscAR GAC-4	364	7391	7755	323	644	N.S.
OscAR GAC-4R	381	4633	5014	323	644	N.S.
OscAR MDD-4R	9801	24425	34226	323	644	N.S.
crossword-m1c-uk-vg15-18_ext.xml						
or-tools CT	108	358	466	135	268	N.S.
or-tools MDD-4R	33993	12322	46315	191	380	N.S.
OscAR CT	185	803	988	135	268	N.S.
OscAR STR2	233	3366	3599	135	268	N.S.
OscAR GAC-4	366	3546	3912	135	268	N.S.
OscAR GAC-4R	372	2518	2890	135	268	N.S.
OscAR MDD-4R	8948	10395	19343	135	268	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg15-19_ext.xml						
or-tools CT	109	185	294	58	114	N.S.
or-tools MDD-4R	33360	7001	40361	99	196	N.S.
OscAR CT	186	458	644	58	114	N.S.
OscAR STR2	282	1427	1709	58	114	N.S.
OscAR GAC-4	349	1673	2022	58	114	N.S.
OscAR GAC-4R	364	1281	1645	58	114	N.S.
OscAR MDD-4R	7728	7916	15644	58	114	N.S.
crossword-m1c-uk-vg16-16_ext.xml						
or-tools CT	86	1107	1193	509	1016	N.S.
or-tools MDD-4R	29313	39198	68511	550	1098	N.S.
OscAR CT	186	1675	1861	509	1016	N.S.
OscAR STR2	238	13444	13682	509	1016	N.S.
OscAR GAC-4	339	10431	10770	509	1016	N.S.
OscAR GAC-4R	354	6663	7017	509	1016	N.S.
OscAR MDD-4R	7499	37386	44885	509	1016	N.S.
crossword-m1c-uk-vg16-17_ext.xml						
or-tools CT	71	438	509	192	382	N.S.
or-tools MDD-4R	24647	14740	39387	227	452	N.S.
OscAR CT	182	804	986	192	382	N.S.
OscAR STR2	209	4149	4358	192	382	N.S.
OscAR GAC-4	305	3398	3703	192	382	N.S.
OscAR GAC-4R	332	2711	3043	192	382	N.S.
OscAR MDD-4R	7039	12713	19752	192	382	N.S.
crossword-m1c-uk-vg16-18_ext.xml						
or-tools CT	63	188	251	81	160	N.S.
or-tools MDD-4R	22583	8304	30887	128	254	N.S.
OscAR CT	178	524	702	81	160	N.S.
OscAR STR2	231	1515	1746	81	160	N.S.
OscAR GAC-4	280	1558	1838	81	160	N.S.
OscAR GAC-4R	319	1321	1640	81	160	N.S.
OscAR MDD-4R	6829	5880	12709	81	160	N.S.
crossword-m1c-uk-vg16-19_ext.xml						
or-tools CT	62	79	141	22	42	N.S.
or-tools MDD-4R	21437	4153	25590	69	136	N.S.
OscAR CT	174	209	383	22	42	N.S.
OscAR STR2	261	460	721	22	42	N.S.
OscAR GAC-4	277	618	895	22	42	N.S.
OscAR GAC-4R	311	582	893	22	42	N.S.
OscAR MDD-4R	6359	3192	9551	22	42	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg16-20_ext.xml						
or-tools CT	60	63	123	20	38	N.S.
or-tools MDD-4R	21286	2291	23577	40	78	N.S.
OscAR CT	178	173	351	20	38	N.S.
OscAR STR2	226	460	686	20	38	N.S.
OscAR GAC-4	315	515	830	20	38	N.S.
OscAR GAC-4R	308	392	700	20	38	N.S.
OscAR MDD-4R	5974	1497	7471	20	38	N.S.
rand-8-20-5-18-800-0_ext.xml						
or-tools CT	1669	1637	3306	5877	11763	1
or-tools MDD-4R	19254	11411	30665	5877	11763	1
OscAR CT	542	1931	2473	5877	11763	1
OscAR STR2	316	7135	7451	5877	11763	1
OscAR GAC-4	1486	14203	15689	5877	11763	1
OscAR GAC-4R	1753	10648	12401	5877	11763	1
OscAR MDD-4R	14364	15498	29862	5877	11763	1
rand-8-20-5-18-800-1_ext.xml						
or-tools CT	1695	81084	82779	254775	509557	1
or-tools MDD-4R	19270	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	310	106078	106388	254775	509557	1
OscAR STR2	288	160176	160464	254775	509557	1
OscAR GAC-4	1731	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR GAC-4R	1793	254280	256073	254775	509557	1
OscAR MDD-4R	12551	T.O.	T.O.	T.O.	T.O.	T.O.
rand-8-20-5-18-800-2_ext.xml						
or-tools CT	1668	33411	35079	116779	233567	1
or-tools MDD-4R	19235	168847	188082	116779	233567	1
OscAR CT	302	46143	46445	116779	233567	1
OscAR STR2	285	49029	49314	116779	233567	1
OscAR GAC-4	1690	112163	113853	116779	233567	1
OscAR GAC-4R	1442	79116	80558	116779	233567	1
OscAR MDD-4R	13339	207209	220548	116779	233567	1
rand-8-20-5-18-800-3_ext.xml						
or-tools CT	1684	118241	119925	529545	1059097	1
or-tools MDD-4R	19293	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	301	150984	151285	529545	1059097	1
OscAR STR2	284	122977	123261	529545	1059097	1
OscAR GAC-4	1651	192277	193928	529545	1059097	1
OscAR GAC-4R	1748	157606	159354	529545	1059097	1
OscAR MDD-4R	15349	T.O.	T.O.	T.O.	T.O.	T.O.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-8-20-5-18-800-4_ext.xml						
or-tools CT	1699	2932	4631	12573	25154	1
or-tools MDD-4R	19300	5710	25010	12573	25154	1
OscAR CT	316	3377	3693	12573	25154	1
OscAR STR2	312	5141	5453	12573	25154	1
OscAR GAC-4	1619	6846	8465	12573	25154	1
OscAR GAC-4R	1838	5546	7384	12573	25154	1
OscAR MDD-4R	12800	11292	24092	12573	25154	1
rand-8-20-5-18-800-5_ext.xml						
or-tools CT	1687	26915	28602	153709	307428	1
or-tools MDD-4R	19232	55557	74789	153709	307428	1
OscAR CT	318	31754	32072	153709	307428	1
OscAR STR2	296	36848	37144	153709	307428	1
OscAR GAC-4	1282	44014	45296	153709	307428	1
OscAR GAC-4R	1700	39516	41216	153709	307428	1
OscAR MDD-4R	14381	70300	84681	153709	307428	1
rand-8-20-5-18-800-6_ext.xml						
or-tools CT	1686	52301	53987	141249	282509	1
or-tools MDD-4R	19199	182601	201800	141249	282509	1
OscAR CT	310	67037	67347	141249	282509	1
OscAR STR2	510	45207	45717	141249	282509	1
OscAR GAC-4	1498	87429	88927	141249	282509	1
OscAR GAC-4R	1693	56761	58454	141249	282509	1
OscAR MDD-4R	13316	236632	249948	141249	282509	1
rand-8-20-5-18-800-7_ext.xml						
or-tools CT	1685	4495	6180	26317	52643	1
or-tools MDD-4R	19122	25130	44252	26317	52643	1
OscAR CT	319	5964	6283	26317	52643	1
OscAR STR2	314	18737	19051	26317	52643	1
OscAR GAC-4	1416	33161	34577	26317	52643	1
OscAR GAC-4R	1518	22173	23691	26317	52643	1
OscAR MDD-4R	14310	36572	50882	26317	52643	1
rand-8-20-5-18-800-8_ext.xml						
or-tools CT	1666	61959	63625	295105	590219	1
or-tools MDD-4R	19344	T.O.	T.O.	T.O.	T.O.	T.O.
OscAR CT	305	77218	77523	295105	590219	1
OscAR STR2	546	150700	151246	295105	590219	1
OscAR GAC-4	1527	263970	265497	295105	590219	1
OscAR GAC-4R	1732	183470	185202	295105	590219	1
OscAR MDD-4R	14704	T.O.	T.O.	T.O.	T.O.	T.O.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-8-20-5-18-800-9_ext.xml						
or-tools CT	1704	36575	38279	126246	252501	1
or-tools MDD-4R	19220	209760	228980	126246	252501	1
OscAR CT	317	49440	49757	126246	252501	1
OscAR STR2	288	71840	72128	126246	252501	1
OscAR GAC-4	1682	164563	166245	126246	252501	1
OscAR GAC-4R	1656	100502	102158	126246	252501	1
OscAR MDD-4R	13327	238487	251814	126246	252501	1
rand-8-20-5-18-800-10_ext.xml						
or-tools CT	1711	5716	7427	28840	57689	1
or-tools MDD-4R	19250	32265	51515	28840	57689	1
OscAR CT	311	7017	7328	28840	57689	1
OscAR STR2	309	16460	16769	28840	57689	1
OscAR GAC-4	1728	31105	32833	28840	57689	1
OscAR GAC-4R	1694	22319	24013	28840	57689	1
OscAR MDD-4R	13729	46423	60152	28840	57689	1
rand-8-20-5-18-800-11_ext.xml						
or-tools CT	1699	12409	14108	45034	90077	1
or-tools MDD-4R	19230	53770	73000	45034	90077	1
OscAR CT	297	17249	17546	45034	90077	1
OscAR STR2	310	28877	29187	45034	90077	1
OscAR GAC-4	1590	55277	56867	45034	90077	1
OscAR GAC-4R	1625	37999	39624	45034	90077	1
OscAR MDD-4R	13871	70274	84145	45034	90077	1
rand-8-20-5-18-800-12_ext.xml						
or-tools CT	1688	11377	13065	80410	160830	1
or-tools MDD-4R	19190	43211	62401	80410	160830	1
OscAR CT	301	12469	12770	80410	160830	1
OscAR STR2	319	31267	31586	80410	160830	1
OscAR GAC-4	1479	52433	53912	80410	160830	1
OscAR GAC-4R	1714	37643	39357	80410	160830	1
OscAR MDD-4R	14433	51194	65627	80410	160830	1
rand-8-20-5-18-800-13_ext.xml						
or-tools CT	1693	123331	125024	726695	1453399	1
or-tools MDD-4R	19205	229570	248775	726695	1453399	1
OscAR CT	609	150390	150999	726695	1453399	1
OscAR STR2	279	158120	158399	726695	1453399	1
OscAR GAC-4	1602	199212	200814	726695	1453399	1
OscAR GAC-4R	1767	172411	174178	726695	1453399	1
OscAR MDD-4R	12578	244905	257483	726695	1453399	1

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-8-20-5-18-800-14_ext.xml						
or-tools CT	1704	19197	20901	63200	126407	1
or-tools MDD-4R	19190	108766	127956	63200	126407	1
OscAR CT	323	24981	25304	63200	126407	1
OscAR STR2	337	45635	45972	63200	126407	1
OscAR GAC-4	1517	88339	89856	63200	126407	1
OscAR GAC-4R	1720	66823	68543	63200	126407	1
OscAR MDD-4R	14313	136601	150914	63200	126407	1
rand-8-20-5-18-800-15_ext.xml						
or-tools CT	1678	20141	21819	148996	298000	1
or-tools MDD-4R	19180	36429	55609	148996	298000	1
OscAR CT	303	23355	23658	148996	298000	1
OscAR STR2	295	28409	28704	148996	298000	1
OscAR GAC-4	1651	36555	38206	148996	298000	1
OscAR GAC-4R	1769	28244	30013	148996	298000	1
OscAR MDD-4R	13297	43541	56838	148996	298000	1
rand-8-20-5-18-800-16_ext.xml						
or-tools CT	1698	4571	6269	21510	43029	1
or-tools MDD-4R	19352	42986	62338	21510	43029	1
OscAR CT	309	5970	6279	21510	43029	1
OscAR STR2	309	13228	13537	21510	43029	1
OscAR GAC-4	1421	33562	34983	21510	43029	1
OscAR GAC-4R	1737	24108	25845	21510	43029	1
OscAR MDD-4R	15131	51880	67011	21510	43029	1
rand-8-20-5-18-800-17_ext.xml						
or-tools CT	1700	10979	12679	37605	75217	1
or-tools MDD-4R	19319	58306	77625	37605	75217	1
OscAR CT	310	13934	14244	37605	75217	1
OscAR STR2	317	34763	35080	37605	75217	1
OscAR GAC-4	1600	66920	68520	37605	75217	1
OscAR GAC-4R	1748	46110	47858	37605	75217	1
OscAR MDD-4R	13211	78727	91938	37605	75217	1
rand-8-20-5-18-800-18_ext.xml						
or-tools CT	1672	16327	17999	65651	131308	1
or-tools MDD-4R	19258	90968	110226	65651	131308	1
OscAR CT	294	21248	21542	65651	131308	1
OscAR STR2	294	36858	37152	65651	131308	1
OscAR GAC-4	1362	70325	71687	65651	131308	1
OscAR GAC-4R	1526	48996	50522	65651	131308	1
OscAR MDD-4R	13047	114861	127908	65651	131308	1

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-8-20-5-18-800-19_ext.xml						
or-tools CT	1681	14582	16263	47199	94408	1
or-tools MDD-4R	19298	68510	87808	47199	94408	1
OscAR CT	498	19421	19919	47199	94408	1
OscAR STR2	291	23739	24030	47199	94408	1
OscAR GAC-4	1470	49285	50755	47199	94408	1
OscAR GAC-4R	1791	32837	34628	47199	94408	1
OscAR MDD-4R	13459	75688	89147	47199	94408	1
rand-10-20-10-5-10000-0_ext.xml						
or-tools CT	56	73	129	816	1630	N.S.
or-tools MDD-4R	5451	1291	6742	816	1630	N.S.
OscAR CT	88	205	293	816	1630	N.S.
OscAR STR2	78	693	771	816	1630	N.S.
OscAR GAC-4	220	814	1034	816	1630	N.S.
OscAR GAC-4R	228	621	849	816	1630	N.S.
OscAR MDD-4R	2947	3070	6017	816	1630	N.S.
rand-10-20-10-5-10000-1_ext.xml						
or-tools CT	55	114	169	896	1790	N.S.
or-tools MDD-4R	5477	1449	6926	896	1790	N.S.
OscAR CT	92	314	406	896	1790	N.S.
OscAR STR2	75	754	829	896	1790	N.S.
OscAR GAC-4	209	946	1155	896	1790	N.S.
OscAR GAC-4R	248	716	964	896	1790	N.S.
OscAR MDD-4R	3344	4404	7748	896	1790	N.S.
rand-10-20-10-5-10000-2_ext.xml						
or-tools CT	56	68	124	724	1446	N.S.
or-tools MDD-4R	5492	494	5986	724	1446	N.S.
OscAR CT	101	226	327	724	1446	N.S.
OscAR STR2	80	348	428	724	1446	N.S.
OscAR GAC-4	212	430	642	724	1446	N.S.
OscAR GAC-4R	234	412	646	724	1446	N.S.
OscAR MDD-4R	2885	1098	3983	724	1446	N.S.
rand-10-20-10-5-10000-3_ext.xml						
or-tools CT	56	77	133	930	1858	N.S.
or-tools MDD-4R	5462	998	6460	930	1858	N.S.
OscAR CT	103	289	392	930	1858	N.S.
OscAR STR2	77	754	831	930	1858	N.S.
OscAR GAC-4	218	807	1025	930	1858	N.S.
OscAR GAC-4R	210	645	855	930	1858	N.S.
OscAR MDD-4R	3323	3156	6479	930	1858	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-10-20-10-5-10000-4_ext.xml						
or-tools CT	55	72	127	775	1548	N.S.
or-tools MDD-4R	5430	426	5856	775	1548	N.S.
OscAR CT	131	260	391	775	1548	N.S.
OscAR STR2	84	584	668	775	1548	N.S.
OscAR GAC-4	207	410	617	775	1548	N.S.
OscAR GAC-4R	216	391	607	775	1548	N.S.
OscAR MDD-4R	2967	1197	4164	775	1548	N.S.
rand-10-20-10-5-10000-5_ext.xml						
or-tools CT	55	103	158	898	1794	N.S.
or-tools MDD-4R	5502	1714	7216	898	1794	N.S.
OscAR CT	93	336	429	898	1794	N.S.
OscAR STR2	82	646	728	898	1794	N.S.
OscAR GAC-4	198	1063	1261	898	1794	N.S.
OscAR GAC-4R	198	817	1015	898	1794	N.S.
OscAR MDD-4R	3171	4007	7178	898	1794	N.S.
rand-10-20-10-5-10000-6_ext.xml						
or-tools CT	55	92	147	859	1716	N.S.
or-tools MDD-4R	5406	1523	6929	859	1716	N.S.
OscAR CT	86	308	394	859	1716	N.S.
OscAR STR2	75	529	604	859	1716	N.S.
OscAR GAC-4	215	850	1065	859	1716	N.S.
OscAR GAC-4R	220	683	903	859	1716	N.S.
OscAR MDD-4R	3186	3234	6420	859	1716	N.S.
rand-10-20-10-5-10000-7_ext.xml						
or-tools CT	55	62	117	766	1530	N.S.
or-tools MDD-4R	5478	1130	6608	766	1530	N.S.
OscAR CT	90	194	284	766	1530	N.S.
OscAR STR2	69	509	578	766	1530	N.S.
OscAR GAC-4	204	729	933	766	1530	N.S.
OscAR GAC-4R	206	622	828	766	1530	N.S.
OscAR MDD-4R	3069	2744	5813	766	1530	N.S.
rand-10-20-10-5-10000-8_ext.xml						
or-tools CT	55	112	167	932	1862	N.S.
or-tools MDD-4R	5534	1500	7034	932	1862	N.S.
OscAR CT	101	303	404	932	1862	N.S.
OscAR STR2	75	787	862	932	1862	N.S.
OscAR GAC-4	205	906	1111	932	1862	N.S.
OscAR GAC-4R	231	807	1038	932	1862	N.S.
OscAR MDD-4R	2890	3559	6449	932	1862	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-10-20-10-5-10000-9_ext.xml						
or-tools CT	55	104	159	907	1812	N.S.
or-tools MDD-4R	5498	1447	6945	907	1812	N.S.
OscAR CT	96	295	391	907	1812	N.S.
OscAR STR2	76	583	659	907	1812	N.S.
OscAR GAC-4	232	964	1196	907	1812	N.S.
OscAR GAC-4R	229	767	996	907	1812	N.S.
OscAR MDD-4R	3113	3540	6653	907	1812	N.S.
rand-10-20-10-5-10000-10_ext.xml						
or-tools CT	55	63	118	784	1566	N.S.
or-tools MDD-4R	5564	743	6307	784	1566	N.S.
OscAR CT	96	195	291	784	1566	N.S.
OscAR STR2	74	414	488	784	1566	N.S.
OscAR GAC-4	214	569	783	784	1566	N.S.
OscAR GAC-4R	226	431	657	784	1566	N.S.
OscAR MDD-4R	3031	2528	5559	784	1566	N.S.
rand-10-20-10-5-10000-11_ext.xml						
or-tools CT	55	83	138	780	1558	N.S.
or-tools MDD-4R	5443	694	6137	780	1558	N.S.
OscAR CT	102	259	361	780	1558	N.S.
OscAR STR2	80	507	587	780	1558	N.S.
OscAR GAC-4	201	537	738	780	1558	N.S.
OscAR GAC-4R	209	485	694	780	1558	N.S.
OscAR MDD-4R	2890	1702	4592	780	1558	N.S.
rand-10-20-10-5-10000-12_ext.xml						
or-tools CT	62	80	142	751	1500	N.S.
or-tools MDD-4R	5487	484	5971	751	1500	N.S.
OscAR CT	102	232	334	751	1500	N.S.
OscAR STR2	81	458	539	751	1500	N.S.
OscAR GAC-4	218	431	649	751	1500	N.S.
OscAR GAC-4R	234	436	670	751	1500	N.S.
OscAR MDD-4R	2991	1358	4349	751	1500	N.S.
rand-10-20-10-5-10000-13_ext.xml						
or-tools CT	61	68	129	875	1748	N.S.
or-tools MDD-4R	5501	2420	7921	875	1748	N.S.
OscAR CT	100	211	311	875	1748	N.S.
OscAR STR2	74	1257	1331	875	1748	N.S.
OscAR GAC-4	201	1974	2175	875	1748	N.S.
OscAR GAC-4R	207	1175	1382	875	1748	N.S.
OscAR MDD-4R	2863	4002	6865	875	1748	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-10-20-10-5-10000-14_ext.xml						
or-tools CT	62	96	158	827	1652	N.S.
or-tools MDD-4R	5507	2304	7811	827	1652	N.S.
OscAR CT	100	299	399	827	1652	N.S.
OscAR STR2	73	774	847	827	1652	N.S.
OscAR GAC-4	215	908	1123	827	1652	N.S.
OscAR GAC-4R	227	703	930	827	1652	N.S.
OscAR MDD-4R	3141	2835	5976	827	1652	N.S.
rand-10-20-10-5-10000-15_ext.xml						
or-tools CT	56	81	137	865	1728	N.S.
or-tools MDD-4R	5489	1144	6633	865	1728	N.S.
OscAR CT	99	280	379	865	1728	N.S.
OscAR STR2	77	662	739	865	1728	N.S.
OscAR GAC-4	219	915	1134	865	1728	N.S.
OscAR GAC-4R	206	639	845	865	1728	N.S.
OscAR MDD-4R	3092	2708	5800	865	1728	N.S.
rand-10-20-10-5-10000-16_ext.xml						
or-tools CT	57	90	147	857	1712	N.S.
or-tools MDD-4R	5456	3747	9203	857	1712	N.S.
OscAR CT	89	279	368	857	1712	N.S.
OscAR STR2	79	1372	1451	857	1712	N.S.
OscAR GAC-4	220	2053	2273	857	1712	N.S.
OscAR GAC-4R	217	1261	1478	857	1712	N.S.
OscAR MDD-4R	3273	5543	8816	857	1712	N.S.
rand-10-20-10-5-10000-17_ext.xml						
or-tools CT	59	68	127	761	1520	N.S.
or-tools MDD-4R	5441	455	5896	761	1520	N.S.
OscAR CT	104	239	343	761	1520	N.S.
OscAR STR2	77	572	649	761	1520	N.S.
OscAR GAC-4	210	414	624	761	1520	N.S.
OscAR GAC-4R	220	369	589	761	1520	N.S.
OscAR MDD-4R	2958	1267	4225	761	1520	N.S.
rand-10-20-10-5-10000-18_ext.xml						
or-tools CT	62	58	120	815	1628	N.S.
or-tools MDD-4R	5495	504	5999	815	1628	N.S.
OscAR CT	104	205	309	815	1628	N.S.
OscAR STR2	74	584	658	815	1628	N.S.
OscAR GAC-4	209	487	696	815	1628	N.S.
OscAR GAC-4R	221	373	594	815	1628	N.S.
OscAR MDD-4R	2787	2388	5175	815	1628	N.S.

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
rand-10-20-10-5-10000-19_ext.xml						
or-tools CT	55	82	137	799	1596	N.S.
or-tools MDD-4R	5463	969	6432	799	1596	N.S.
OscAR CT	92	280	372	799	1596	N.S.
OscAR STR2	92	696	788	799	1596	N.S.
OscAR GAC-4	198	673	871	799	1596	N.S.
OscAR GAC-4R	214	531	745	799	1596	N.S.
OscAR MDD-4R	2882	3329	6211	799	1596	N.S.

Appendix B

Measures II

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg6-10_ext.xml						
or-tools CT	705	119298	120003	301185	602354	0
OscaR CT	300	119705	120005	289904	579820	0
OscaR STR2	276	119734	120010	69121	138252	0
OscaR GAC-4	978	119040	120018	72601	145211	0
OscaR GAC-4R	966	119038	120004	101945	203900	0
OscaR MDD-4R	12689	107319	120008	53234	106477	0
crossword-m1c-ogd-vg7-9_ext.xml						
or-tools CT	822	119180	120002	265446	530877	0
OscaR CT	268	119734	120002	247855	495720	0
OscaR STR2	299	119707	120006	38327	76658	0
OscaR GAC-4	937	119067	120004	38475	76958	0
OscaR GAC-4R	933	119070	120003	51980	103968	0
OscaR MDD-4R	15093	104919	120012	30350	60707	0
crossword-m1c-ogd-vg7-10_ext.xml						
or-tools CT	948	119055	120003	202148	404279	0
OscaR CT	294	119708	120002	193414	386840	0
OscaR STR2	320	119682	120002	43659	87329	0
OscaR GAC-4	1209	118794	120003	36485	72978	0
OscaR GAC-4R	1218	118787	120005	53281	106573	0
OscaR MDD-4R	19634	100375	120009	24118	48247	0
crossword-m1c-ogd-vg7-11_ext.xml						
or-tools CT	955	119047	120002	173909	347805	0
OscaR CT	308	119694	120002	163172	326354	0
OscaR STR2	332	119684	120016	23809	47627	0
OscaR GAC-4	1135	118873	120008	19228	38468	0
OscaR GAC-4R	1293	118708	120001	33427	66865	0
OscaR MDD-4R	22981	97029	120010	14921	29854	0
crossword-m1c-ogd-vg8-9_ext.xml						
or-tools CT	1086	118917	120003	190317	380617	0
OscaR CT	333	119670	120003	176194	352398	0
OscaR STR2	337	119668	120005	20706	41424	0
OscaR GAC-4	1254	118753	120007	16441	32890	0
OscaR GAC-4R	1079	118923	120002	27581	55173	0
OscaR MDD-4R	19745	100263	120008	15776	31562	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg8-10_ext.xml						
or-tools CT	1249	118753	120002	148008	296002	0
OscaR CT	434	119567	120001	140729	281470	0
OscaR STR2	387	119616	120003	18704	37419	0
OscaR GAC-4	1469	118534	120003	15060	30134	0
OscaR GAC-4R	1586	118418	120004	25397	50804	0
OscaR MDD-4R	27004	93012	120016	11355	22722	0
crossword-m1c-ogd-vg8-11_ext.xml						
or-tools CT	1268	118734	120002	131029	262048	0
OscaR CT	437	119566	120003	123014	246035	0
OscaR STR2	414	119595	120009	13307	26626	0
OscaR GAC-4	1419	118584	120003	9796	19602	0
OscaR GAC-4R	1383	118621	120004	18127	36268	0
OscaR MDD-4R	29969	90062	120031	7769	15547	0
crossword-m1c-ogd-vg8-12_ext.xml						
or-tools CT	1219	118783	120002	118590	237170	0
OscaR CT	441	119562	120003	105366	210739	0
OscaR STR2	386	119643	120029	8417	16841	0
OscaR GAC-4	1313	118704	120017	6617	13242	0
OscaR GAC-4R	1324	118681	120005	10896	21802	0
OscaR MDD-4R	26372	93682	120054	5880	11765	0
crossword-m1c-ogd-vg9-9_ext.xml						
or-tools CT	1399	118603	120002	147178	294340	0
OscaR CT	465	119538	120003	136443	272898	0
OscaR STR2	378	119627	120005	14306	28622	0
OscaR GAC-4	1492	118517	120009	11135	22277	0
OscaR GAC-4R	1641	118364	120005	17760	35528	0
OscaR MDD-4R	30651	89364	120015	9825	19659	0
crossword-m1c-ogd-vg9-10_ext.xml						
or-tools CT	1578	118426	120004	111123	222231	0
OscaR CT	493	119510	120003	105744	211499	0
OscaR STR2	415	119600	120015	9990	19992	0
OscaR GAC-4	1715	118304	120019	8694	17398	0
OscaR GAC-4R	1864	118140	120004	12873	25760	0
OscaR MDD-4R	31884	88160	120044	5984	11979	0
crossword-m1c-ogd-vg9-11_ext.xml						
or-tools CT	1649	118353	120002	94029	188042	0
OscaR CT	501	119501	120002	85889	171791	0
OscaR STR2	421	119591	120012	7152	14316	0
OscaR GAC-4	1637	118371	120008	5859	11729	0
OscaR GAC-4R	1873	118130	120003	8992	17996	0
OscaR MDD-4R	38105	81914	120019	4291	8593	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg9-12_ext.xml						
or-tools CT	1582	118421	120003	91288	182563	0
OscasR CT	503	119499	120002	86347	172699	0
OscasR STR2	452	119551	120003	6090	12189	0
OscasR GAC-4	1584	118438	120022	5097	10202	0
OscasR GAC-4R	1923	118102	120025	7635	15278	0
OscasR MDD-4R	42779	77235	120014	3641	7290	0
crossword-m1c-ogd-vg9-13_ext.xml						
or-tools CT	1485	118518	120003	90454	180896	0
OscasR CT	524	119478	120002	84866	169744	0
OscasR STR2	417	119588	120005	4181	8368	0
OscasR GAC-4	1450	118551	120001	3215	6438	0
OscasR GAC-4R	1571	118437	120008	5537	11082	0
OscasR MDD-4R	40074	79958	120032	2589	5189	0
crossword-m1c-ogd-vg10-10_ext.xml						
or-tools CT	1788	118217	120005	91099	182182	0
OscasR CT	544	119459	120003	85375	170762	0
OscasR STR2	436	119566	120002	7419	14850	0
OscasR GAC-4	1785	118218	120003	6324	12660	0
OscasR GAC-4R	1986	118019	120005	9228	18464	0
OscasR MDD-4R	44754	75259	120013	3604	7219	0
crossword-m1c-ogd-vg10-11_ext.xml						
or-tools CT	1853	118151	120004	80996	161980	0
OscasR CT	663	119340	120003	73549	147109	0
OscasR STR2	503	119499	120002	4442	8896	0
OscasR GAC-4	1967	118046	120013	3457	6924	0
OscasR GAC-4R	1888	118119	120007	6444	12903	0
OscasR MDD-4R	50964	69066	120030	2491	4994	0
crossword-m1c-ogd-vg10-12_ext.xml						
or-tools CT	1802	118202	120004	71134	142257	0
OscasR CT	547	119456	120003	66274	132554	0
OscasR STR2	460	119544	120004	3682	7375	0
OscasR GAC-4	1810	118297	120107	3104	6215	0
OscasR GAC-4R	1979	118042	120021	4556	9123	0
OscasR MDD-4R	44938	75107	120045	2167	4342	0
crossword-m1c-ogd-vg10-13_ext.xml						
or-tools CT	1679	118324	120003	67794	135577	0
OscasR CT	521	119482	120003	64660	129326	0
OscasR STR2	460	119574	120034	2645	5297	0
OscasR GAC-4	1552	118460	120012	2339	4684	0
OscasR GAC-4R	1922	118090	120012	3816	7642	0
OscasR MDD-4R	45736	74314	120050	1493	2995	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg10-14_ext.xml						
or-tools CT	1569	118434	120003	64317	128626	0
OscAR CT	548	119454	120002	61408	122822	0
OscAR STR2	443	119578	120021	2481	4969	0
OscAR GAC-4	1526	118479	120005	2415	4838	0
OscAR GAC-4R	1640	118376	120016	4080	8168	0
OscAR MDD-4R	43373	76648	120021	1435	2872	0
crossword-m1c-ogd-vg11-11_ext.xml						
or-tools CT	1877	118126	120003	63537	127063	0
OscAR CT	563	119440	120003	59119	118247	0
OscAR STR2	496	119508	120004	3032	6077	0
OscAR GAC-4	2139	117873	120012	2558	5124	0
OscAR GAC-4R	2343	117660	120003	4543	9096	0
OscAR MDD-4R	56092	63939	120031	1736	3482	0
crossword-m1c-ogd-vg11-12_ext.xml						
or-tools CT	1832	118171	120003	56440	112870	0
OscAR CT	652	119351	120003	51796	103601	0
OscAR STR2	511	119501	120012	2192	4393	0
OscAR GAC-4	2163	117909	120072	1591	3188	0
OscAR GAC-4R	2107	117899	120006	3755	7517	0
OscAR MDD-4R	57371	62654	120025	1111	2230	0
crossword-m1c-ogd-vg11-13_ext.xml						
or-tools CT	1690	118313	120003	52767	105524	0
OscAR CT	533	119469	120002	48890	97790	0
OscAR STR2	481	119540	120021	1744	3496	0
OscAR GAC-4	1804	118231	120035	1509	3027	0
OscAR GAC-4R	1820	118204	120024	2638	5285	0
OscAR MDD-4R	53952	66141	120093	1030	2066	0
crossword-m1c-ogd-vg11-14_ext.xml						
or-tools CT	1564	118439	120003	53667	107323	0
OscAR CT	522	119481	120003	51878	103764	0
OscAR STR2	452	119553	120005	1915	3835	0
OscAR GAC-4	1747	118288	120035	1861	3726	0
OscAR GAC-4R	1776	118268	120044	3467	6938	0
OscAR MDD-4R	48379	71659	120038	1106	2217	0
crossword-m1c-ogd-vg12-12_ext.xml						
or-tools CT	1761	118243	120004	46184	92357	0
OscAR CT	556	119446	120002	44649	89307	0
OscAR STR2	541	119585	120126	1320	2647	0
OscAR GAC-4	1906	118163	120069	1142	2293	0
OscAR GAC-4R	1958	118055	120013	1977	3961	0
OscAR MDD-4R	59643	60397	120040	680	1365	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-ogd-vg12-13_ext.xml						
or-tools CT	1583	118421	120004	47139	94267	0
OscaR CT	520	119482	120002	44237	88480	0
OscaR STR2	533	119471	120004	1500	3008	0
OscaR GAC-4	1495	118520	120015	1301	2611	0
OscaR GAC-4R	1816	118237	120053	2422	4848	0
OscaR MDD-4R	52462	67561	120023	872	1752	0
crossword-m1c-ogd-vg12-14_ext.xml						
or-tools CT	1407	118596	120003	48626	97241	0
OscaR CT	422	119581	120003	44145	88297	0
OscaR STR2	498	119518	120016	1595	3196	0
OscaR GAC-4	1516	118541	120057	1558	3124	0
OscaR GAC-4R	1551	118463	120014	2621	5245	0
OscaR MDD-4R	48914	71178	120092	906	1815	0
crossword-m1c-ogd-vg13-13_ext.xml						
or-tools CT	1359	118645	120004	43391	86775	0
OscaR CT	507	119497	120004	41804	83614	0
OscaR STR2	488	119539	120027	1345	2695	0
OscaR GAC-4	1655	118396	120051	996	1997	0
OscaR GAC-4R	1621	118390	120011	1942	3892	0
OscaR MDD-4R	50315	69757	120072	760	1525	0
crossword-m1c-uk-vg6-8_ext.xml						
or-tools CT	354	119648	120002	597929	1195844	0
OscaR CT	173	119829	120002	570972	1141951	0
OscaR STR2	234	119770	120004	110584	221177	0
OscaR GAC-4	491	119512	120003	90940	181889	0
OscaR GAC-4R	532	119470	120002	168131	336269	0
OscaR MDD-4R	8607	111400	120007	61659	123328	0
crossword-m1c-uk-vg6-9_ext.xml						
or-tools CT	388	119614	120002	437390	874769	0
OscaR CT	177	119825	120002	434782	869572	0
OscaR STR2	217	119784	120001	95776	191561	0
OscaR GAC-4	590	119414	120004	83047	166105	0
OscaR GAC-4R	578	119424	120002	117496	235001	0
OscaR MDD-4R	8766	111255	120021	40669	81347	0
crossword-m1c-uk-vg6-10_ext.xml						
or-tools CT	380	119622	120002	369763	739515	0
OscaR CT	183	119818	120001	362743	725495	0
OscaR STR2	235	119767	120002	57955	115918	0
OscaR GAC-4	597	119404	120001	40031	80067	0
OscaR GAC-4R	567	119437	120004	73996	148000	0
OscaR MDD-4R	10296	109714	120010	20236	40482	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg7-8_ext.xml						
or-tools CT	459	119543	120002	391433	782851	0
OscaR CT	210	119792	120002	382891	765792	0
OscaR STR2	213	119792	120005	62013	124036	0
OscaR GAC-4	555	119447	120002	49732	99474	0
OscaR GAC-4R	593	119413	120006	84129	168267	0
OscaR MDD-4R	11185	108823	120008	29482	58969	0
crossword-m1c-uk-vg7-9_ext.xml						
or-tools CT	504	119499	120003	304476	608937	0
OscaR CT	283	119720	120003	300846	601701	0
OscaR STR2	229	119776	120005	52903	105810	0
OscaR GAC-4	721	119280	120001	40463	80934	0
OscaR GAC-4R	667	119339	120006	71197	142403	0
OscaR MDD-4R	12980	107031	120011	20948	41902	0
crossword-m1c-uk-vg7-10_ext.xml						
or-tools CT	527	119476	120003	251725	503440	0
OscaR CT	239	119766	120005	251315	502635	0
OscaR STR2	257	119747	120004	37210	74430	0
OscaR GAC-4	711	119292	120003	26405	52818	0
OscaR GAC-4R	719	119287	120006	48357	96719	0
OscaR MDD-4R	14262	105752	120014	10035	20078	0
crossword-m1c-uk-vg7-11_ext.xml						
or-tools CT	503	119499	120002	224325	448638	0
OscaR CT	217	119785	120002	220034	440081	0
OscaR STR2	245	119758	120003	24038	48086	0
OscaR GAC-4	635	119367	120002	14330	28668	0
OscaR GAC-4R	695	119308	120003	29837	59679	0
OscaR MDD-4R	13923	106105	120028	7073	14154	0
crossword-m1c-uk-vg8-8_ext.xml						
or-tools CT	539	119464	120003	301613	603214	0
OscaR CT	283	119720	120003	278859	557727	0
OscaR STR2	245	119760	120005	41383	82778	0
OscaR GAC-4	693	119310	120003	32228	64466	0
OscaR GAC-4R	710	119293	120003	49525	99061	0
OscaR MDD-4R	17255	102755	120010	16732	33472	0
crossword-m1c-uk-vg8-9_ext.xml						
or-tools CT	607	119396	120003	223879	447745	0
OscaR CT	292	119710	120002	217311	434630	0
OscaR STR2	288	119713	120001	31462	62930	0
OscaR GAC-4	784	119221	120005	22897	45800	0
OscaR GAC-4R	840	119163	120003	40636	81280	0
OscaR MDD-4R	19388	100625	120013	10153	20314	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg8-10_ext.xml						
or-tools CT	613	119390	120003	181099	362187	0
OscAR CT	304	119698	120002	175122	350255	0
OscAR STR2	276	119735	120011	20033	40075	0
OscAR GAC-4	786	119228	120014	13729	27465	0
OscAR GAC-4R	881	119122	120003	24462	48936	0
OscAR MDD-4R	20113	99899	120012	6236	12476	0
crossword-m1c-uk-vg8-11_ext.xml						
or-tools CT	616	119387	120003	160176	320342	0
OscAR CT	304	119698	120002	155936	311877	0
OscAR STR2	276	119734	120010	12812	25632	0
OscAR GAC-4	757	119251	120008	9610	19227	0
OscAR GAC-4R	809	119211	120020	17144	34293	0
OscAR MDD-4R	20404	99621	120025	4191	8386	0
crossword-m1c-uk-vg8-12_ext.xml						
or-tools CT	592	119411	120003	140526	281043	0
OscAR CT	238	119764	120002	140878	281761	0
OscAR STR2	271	119734	120005	8969	17945	0
OscAR GAC-4	727	119314	120041	7557	15120	0
OscAR GAC-4R	793	119211	120004	14497	29000	0
OscAR MDD-4R	21364	98653	120017	2665	5335	0
crossword-m1c-uk-vg9-9_ext.xml						
or-tools CT	681	119322	120003	173445	346878	0
OscAR CT	301	119701	120002	168546	337099	0
OscAR STR2	270	119756	120026	21932	43867	0
OscAR GAC-4	813	119201	120014	13697	27403	0
OscAR GAC-4R	842	119160	120002	23353	46713	0
OscAR MDD-4R	21868	98168	120036	6239	12486	0
crossword-m1c-uk-vg9-10_ext.xml						
or-tools CT	710	119293	120003	142276	284541	0
OscAR CT	317	119685	120002	140932	281873	0
OscAR STR2	293	119709	120002	14554	29117	0
OscAR GAC-4	841	119170	120011	10387	20781	0
OscAR GAC-4R	827	119176	120003	16716	33439	0
OscAR MDD-4R	24295	95716	120011	4515	9038	0
crossword-m1c-uk-vg9-11_ext.xml						
or-tools CT	683	119320	120003	123973	247936	0
OscAR CT	361	119641	120002	122509	245025	0
OscAR STR2	346	119681	120027	9323	18654	0
OscAR GAC-4	831	119171	120002	6937	13880	0
OscAR GAC-4R	936	119068	120004	12286	24578	0
OscAR MDD-4R	25600	94419	120019	2970	5945	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg9-12_ext.xml						
or-tools CT	658	119344	120002	113535	227059	0
OscAR CT	319	119683	120002	113149	226304	0
OscAR STR2	278	119735	120013	6593	13191	0
OscAR GAC-4	839	119167	120006	4749	9501	0
OscAR GAC-4R	866	119140	120006	10450	20906	0
OscAR MDD-4R	23508	96551	120059	2010	4026	0
crossword-m1c-uk-vg10-10_ext.xml						
or-tools CT	718	119285	120003	112563	225116	0
OscAR CT	312	119690	120002	108493	216993	0
OscAR STR2	283	119719	120002	7655	15318	0
OscAR GAC-4	887	119120	120007	5471	10955	0
OscAR GAC-4R	948	119055	120003	10529	21064	0
OscAR MDD-4R	28044	92025	120069	2373	4753	0
crossword-m1c-uk-vg10-11_ext.xml						
or-tools CT	668	119336	120004	97298	194587	0
OscAR CT	324	119679	120003	93247	186499	0
OscAR STR2	281	119723	120004	5156	10318	0
OscAR GAC-4	808	119206	120014	4109	8225	0
OscAR GAC-4R	932	119088	120020	7060	14125	0
OscAR MDD-4R	26838	93191	120029	1805	3615	0
crossword-m1c-uk-vg10-12_ext.xml						
or-tools CT	641	119363	120004	91622	183232	0
OscAR CT	318	119686	120004	90622	181248	0
OscAR STR2	293	119727	120020	4503	9012	0
OscAR GAC-4	852	119205	120057	3109	6222	0
OscAR GAC-4R	821	119187	120008	7174	14353	0
OscAR MDD-4R	27049	92977	120026	1562	3130	0
crossword-m1c-uk-vg11-11_ext.xml						
or-tools CT	643	119359	120002	81315	162621	0
OscAR CT	320	119683	120003	78762	157531	0
OscAR STR2	371	119643	120014	4129	8265	0
OscAR GAC-4	886	119128	120014	2714	5434	0
OscAR GAC-4R	920	119082	120002	5644	11293	0
OscAR MDD-4R	29091	90945	120036	1304	2613	0
crossword-m1c-uk-vg11-12_ext.xml						
or-tools CT	584	119421	120005	79403	158796	0
OscAR CT	236	119765	120001	77416	154836	0
OscAR STR2	291	119724	120015	3949	7903	0
OscAR GAC-4	789	119245	120034	3133	6270	0
OscAR GAC-4R	815	119205	120020	5967	11942	0
OscAR MDD-4R	28145	91900	120045	1298	2598	0

ALGORITHM	INIT	SEARCH	TOTAL	NFAILS	NBRANCHES	NSOLS
crossword-m1c-uk-vg12-12.ext.xml						
or-tools CT	528	119476	120004	70256	140503	0
OscAR CT	294	119709	120003	65008	130021	0
OscAR STR2	285	119733	120018	3673	7353	0
OscAR GAC-4	821	119184	120005	2879	5765	0
OscAR GAC-4R	764	119244	120008	5090	10185	0
OscAR MDD-4R	28395	91708	120103	1128	2260	0