

Supplementary material: Warmstart Test

Table 1 Aggregated node counts and running times for the warmstart test without any warmstart

n	Avg.	Med.	Min.	Max.	$Q(0.25)$	$Q(0.75)$	GSM	Perc.
50	13.9	8.0	3.0	37.0	5.0	21.0	13.3	100
100	16.1	10.0	3.0	73.0	7.0	21.0	15.3	100
150	35.6	24.0	7.0	139.0	13.5	42.5	32.6	100
200	59.5	43.0	15.0	235.0	31.0	82.5	54.9	100
250	112.3	96.0	5.0	353.0	67.5	131.0	97.6	100
300	193.3	141.0	15.0	741.0	95.0	254.5	161.7	100
350	356.3	215.0	7.0	1119.0	79.0	679.0	251.1	87
400	418.3	279.0	47.0	1245.0	81.0	719.0	301.1	70
450	314.7	345.0	51.0	647.0	126.5	473.5	263.7	47
500	478.6	543.0	71.0	1043.0	189.0	547.0	372.3	23
50	0.3	0.3	0.2	1.2	0.2	0.3	0.3	100
100	4.5	2.4	1.1	20.6	1.9	5.4	4.0	100
150	26.8	19.3	6.5	111.9	10.0	31.4	21.5	100
200	90.4	62.8	28.7	295.1	50.6	116.2	77.5	100
250	241.2	209.7	32.3	762.3	161.0	309.2	190.7	100
300	533.8	451.4	112.5	1764.6	260.8	655.1	429.0	100
350	1256.3	787.4	105.2	3360.6	369.7	2311.8	826.9	87
400	1550.7	1401.0	300.9	3522.8	396.9	2497.7	1125.9	70
450	1460.0	1505.9	345.3	2608.6	751.1	2112.5	1223.4	47
500	1995.4	2206.2	584.4	3375.5	1055.1	2755.9	1663.8	23

Table 2 Aggregated node counts and running times for the warmstart test using PStart/DStart

n	Avg.	Med.	Min.	Max.	$Q(0.25)$	$Q(0.75)$	GSM	Perc.
50	13.9	8.0	3.0	37.0	5.0	21.0	13.3	100
100	16.1	10.0	3.0	73.0	7.0	21.0	15.3	100
150	35.3	24.0	7.0	139.0	12.0	42.5	32.3	100
200	59.5	43.0	15.0	235.0	31.0	82.5	54.8	100
250	112.2	96.0	5.0	353.0	67.5	131.0	97.6	100
300	193.3	141.0	15.0	741.0	95.0	254.5	161.6	100
350	355.4	215.0	7.0	1107.0	79.0	679.0	249.9	83
400	417.6	279.0	47.0	1245.0	81.0	719.0	300.3	70
450	312.4	345.0	41.0	649.0	126.5	473.5	258.6	47
500	476.6	543.0	61.0	1043.0	189.0	547.0	366.6	17
50	0.3	0.3	0.1	1.2	0.2	0.3	0.3	100
100	4.0	2.4	1.3	15.7	1.8	4.5	3.6	100
150	25.1	17.9	4.5	84.9	9.3	27.7	20.1	100
200	86.2	63.2	25.9	296.0	48.5	116.0	73.5	100
250	245.0	207.1	26.5	754.8	145.4	309.0	189.6	100
300	549.8	450.0	103.4	1586.1	299.5	745.0	442.9	100
350	1324.4	708.9	113.3	3361.2	383.7	2404.4	857.4	83
400	1544.5	1039.5	292.4	3201.7	460.1	2421.4	1136.5	70
450	1500.2	1591.4	406.3	2919.3	719.5	2102.1	1262.7	47
500	2119.3	2194.8	838.8	3386.6	1015.6	3160.8	1822.6	17