

$n$	$p$	Random		CSC-DSATUR			PSO		
		$\chi_t(G, W)$		$\chi_t(G, W)$		Time	$\chi_t(G, W)$		Time
		avg	std	avg	std	avg	avg	std	avg
60	0.1	15.0	1.0	<b>5.7</b>	0.5	3.4 ms	7.4	0.5	4.9 s
	0.3	9.4	0.5	<b>6.2</b>	0.4	10.1 ms	6.6	0.3	5.8 s
	0.5	7.6	0.4	<b>5.8</b>	0.6	23.7 ms	<b>5.8</b>	0.3	6.8 s
	0.7	6.8	0.2	5.4	0.5	43.3 ms	<b>5.2</b>	0.2	7.7 s
	0.9	6.1	0.2	<b>5.0</b>	0.0	63.8 ms	<b>5.0</b>	0.0	8.5 s
70	0.1	14.7	1.1	<b>6.1</b>	0.3	4.6 ms	8.0	0.6	6.0 s
	0.3	9.1	0.4	<b>6.0</b>	0.6	15.4 ms	6.7	0.3	7.2 s
	0.5	7.7	0.2	6.1	0.3	34.6 ms	<b>6.0</b>	0.2	8.9 s
	0.7	6.8	0.3	5.4	0.5	65.6 ms	<b>5.3</b>	0.2	10.3 s
	0.9	6.0	0.1	<b>5.0</b>	0.0	99.1 ms	<b>5.0</b>	0.0	11.6 s
80	0.1	14.0	0.8	<b>6.5</b>	0.5	6.0 ms	8.1	0.6	7.0 s
	0.3	9.0	0.3	<b>6.0</b>	0.4	22.4 ms	6.7	0.2	8.7 s
	0.5	7.6	0.3	<b>6.1</b>	0.3	49.9 ms	<b>6.1</b>	0.2	11.1 s
	0.7	6.7	0.2	5.7	0.5	95.6 ms	<b>5.3</b>	0.1	12.6 s
	0.9	6.2	0.1	<b>5.0</b>	0.0	145.4 ms	<b>5.0</b>	0.0	15.1 s
$n$	$p$	Random		CSC-DSATUR			PSO		
		$\chi_t(G, W)$		$\chi_t(G, W)$		Time	$\chi_t(G, W)$		Time
		avg	std	avg	std	avg	avg	std	avg
60	0.1	8.4	0.9	<b>4.2</b>	0.6	3.5 ms	5.1	0.5	4.6 s
	0.3	5.1	0.4	<b>4.0</b>	0.0	10.0 ms	<b>4.0</b>	0.3	5.5 s
	0.5	4.1	0.3	3.5	0.5	21.1 ms	<b>3.3</b>	0.3	6.5 s
	0.7	3.6	0.1	<b>3.0</b>	0.0	35.6 ms	<b>3.0</b>	0.0	7.3 s
	0.9	<b>3.0</b>	0.0	<b>3.0</b>	0.0	49.6 ms	<b>3.0</b>	0.0	8.6 s
70	0.1	8.2	0.8	<b>4.1</b>	0.5	4.5 ms	5.2	0.4	5.9 s
	0.3	5.1	0.3	<b>4.0</b>	0.0	14.4 ms	<b>4.0</b>	0.2	7.2 s
	0.5	4.2	0.2	<b>3.4</b>	0.5	32.6 ms	3.5	0.3	8.4 s
	0.7	3.5	0.2	<b>3.0</b>	0.0	52.7 ms	<b>3.0</b>	0.0	9.8 s
	0.9	3.1	0.1	<b>3.0</b>	0.0	74.1 ms	<b>3.0</b>	0.0	11.1 s
80	0.1	7.8	0.7	<b>4.2</b>	0.4	5.7 ms	5.2	0.4	6.7 s
	0.3	5.0	0.3	<b>4.0</b>	0.0	20.0 ms	4.1	0.2	8.9 s
	0.5	4.2	0.2	3.8	0.4	45.3 ms	<b>3.3</b>	0.2	10.7 s
	0.7	3.4	0.2	<b>3.0</b>	0.0	76.9 ms	<b>3.0</b>	0.0	12.1 s
	0.9	3.1	0.1	<b>3.0</b>	0.0	113.4 ms	<b>3.0</b>	0.0	14.5 s