

Whether the matrix is SPD	Number of threads	Size		Avg Execution time (micro seconds)	Standard deviation of execution time (micro seconds)
0	1	1	100	41,109.80	1,375.66
0	1	1	200	240,848.00	1,899.15
0	1	1	300	722,349.00	6,261.20
0	1	1	400	1,589,260.00	4,586.53
0	1	1	500	2,990,900.00	16,632.30
0	1	1	600	5,032,930.00	6,241.98
0	1	1	700	7,861,150.00	20,624.60
0	1	1	800	11,564,700.00	29,189.00
0	1	1	900	16,290,200.00	20,847.60
0	1	1	1000	22,142,500.00	31,812.10
0	2	1	100	32,097.90	285.41
0	2	1	200	203,384.00	704.20
0	2	1	300	636,415.00	1,216.88
0	2	1	400	1,453,530.00	3,834.19
0	2	1	500	2,777,880.00	4,932.57
0	2	1	600	4,740,140.00	18,677.70
0	2	1	700	7,436,430.00	12,365.20
0	2	1	800	11,029,400.00	19,034.30
0	2	1	900	15,611,600.00	29,832.40
0	2	1	1000	21,303,800.00	28,299.50
0	3	1	100	34,829.50	304.47
0	3	1	200	214,272.00	941.99
0	3	1	300	661,178.00	2,185.54
0	3	1	400	1,492,160.00	3,060.45
0	3	1	500	2,827,110.00	11,109.90
0	3	1	600	4,781,450.00	10,670.10
0	3	1	700	7,571,480.00	71,987.40
0	3	1	800	11,170,700.00	46,976.70
0	3	1	900	15,783,100.00	41,389.40
0	3	1	1000	21,536,300.00	46,457.50
0	4	1	100	33,305.10	1,158.02
0	4	1	200	204,668.00	4,589.71
0	4	1	300	687,545.00	133,633.00
0	4	1	400	1,461,780.00	17,359.40
0	4	1	500	2,798,040.00	83,963.30
0	4	1	600	4,713,930.00	13,638.80
0	4	1	700	7,410,670.00	15,761.50
0	4	1	800	11,001,500.00	22,510.10
0	4	1	900	15,576,400.00	34,486.00
0	4	1	1000	21,255,400.00	38,574.40
1	1	1	100	851.30	35.01
1	1	1	200	3,210.40	93.92
1	1	1	300	7,049.20	258.51
1	1	1	400	12,423.50	271.45
1	1	1	500	19,176.10	97.86
1	1	1	600	27,604.30	136.25
1	1	1	700	37,612.80	99.70
1	1	1	800	49,035.60	170.70
1	1	1	900	61,981.80	201.95
1	1	1	1000	76,359.20	98.82
1	2	1	100	764.70	23.79
1	2	1	200	2,270.10	569.29
1	2	1	300	3,826.80	58.89
1	2	1	400	6,693.80	28.30
1	2	1	500	10,418.10	53.17
1	2	1	600	14,971.60	67.11
1	2	1	700	20,415.60	103.73
1	2	1	800	26,699.40	127.36
1	2	1	900	33,614.90	111.22
1	2	1	1000	41,487.20	180.45
1	3	1	100	593.90	22.66
1	3	1	200	2,171.80	45.59
1	3	1	300	4,733.10	10.33
1	3	1	400	8,301.40	11.91
1	3	1	500	13,037.50	105.48
1	3	1	600	18,500.60	450.42
1	3	1	700	24,056.60	1,057.96
1	3	1	800	31,276.50	1,157.95
1	3	1	900	39,502.40	1,514.43

1	3	1000	50,264.50	1,509.26
1	4	100	762.3	906.107
1	4	200	1649.1	12.8102
1	4	300	3614.4	38.8078
1	4	400	6669.8	669.035
1	4	500	9772.1	29.8829
1	4	600	14109.1	69.8434
1	4	700	19591.3	1055.38
1	4	800	25046.3	153.702
1	4	900	31678.2	250.096
1	4	1000	38972.8	187.735
1	4	1100	47086.9	113.726
1	4	1200	56252.6	389.344
1	4	1300	65915.9	355.77
1	4	1400	76388.5	810.115
1	4	1500	87465.9	207.561
1	4	1600	99299.3	102.752
1	4	1700	112369	817.087
1	4	1800	125810	269.094
1	4	1900	140181	596.566
1	4	2000	155298	557.251
1	4	2100	171012	221.035
1	4	2200	188305	1541.9
1	4	2300	205096	289.308
1	4	2400	223267	197.975
1	4	2500	242121	370.351
1	4	2600	262915	3423.15
1	4	2700	282102	284.952
1	4	2800	303503	433.482
1	4	2900	325510	490.807
1	4	3000	349744	5966.98
1	4	3100	372322	2560.43
1	4	3200	398914	9061.47
1	4	3300	424129	7202
1	4	3400	447560	1673.36
1	4	3500	474355	3584.58
1	4	3600	500697	709.01
1	4	3700	528776	1237.27
1	4	3800	557264	962.297
1	4	3900	590623	10645.9
1	4	4000	617383	1388.55
1	4	4100	648298	642.586
1	4	4200	681609	2851.03
1	4	4300	714482	1178.24
1	4	4400	748038	659.915
1	4	4500	781488	1090.8
1	4	4600	816436	1074.75
1	4	4700	852366	1576.3
1	4	4800	889350	1347.94
1	4	4900	925989	1915.3
1	4	5000	964625	1288.04