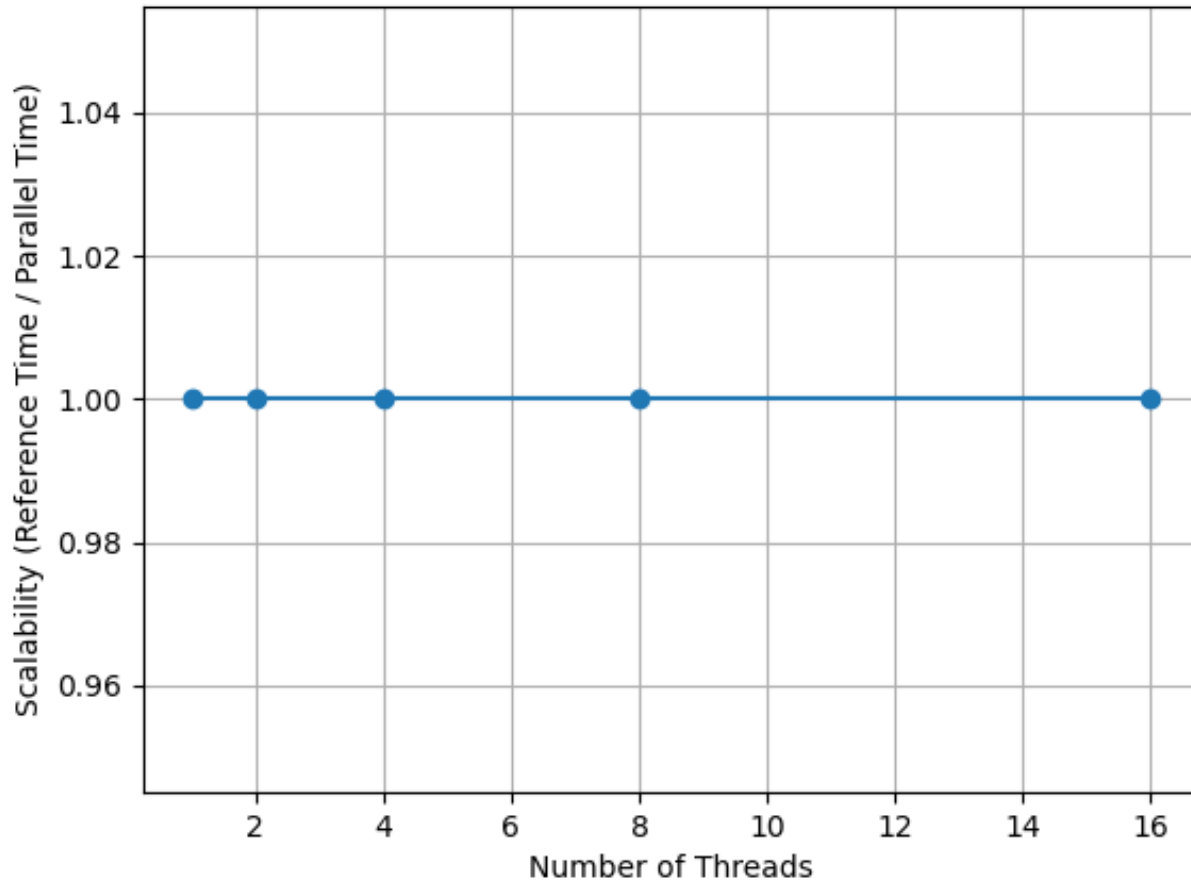


Scalability Analysis

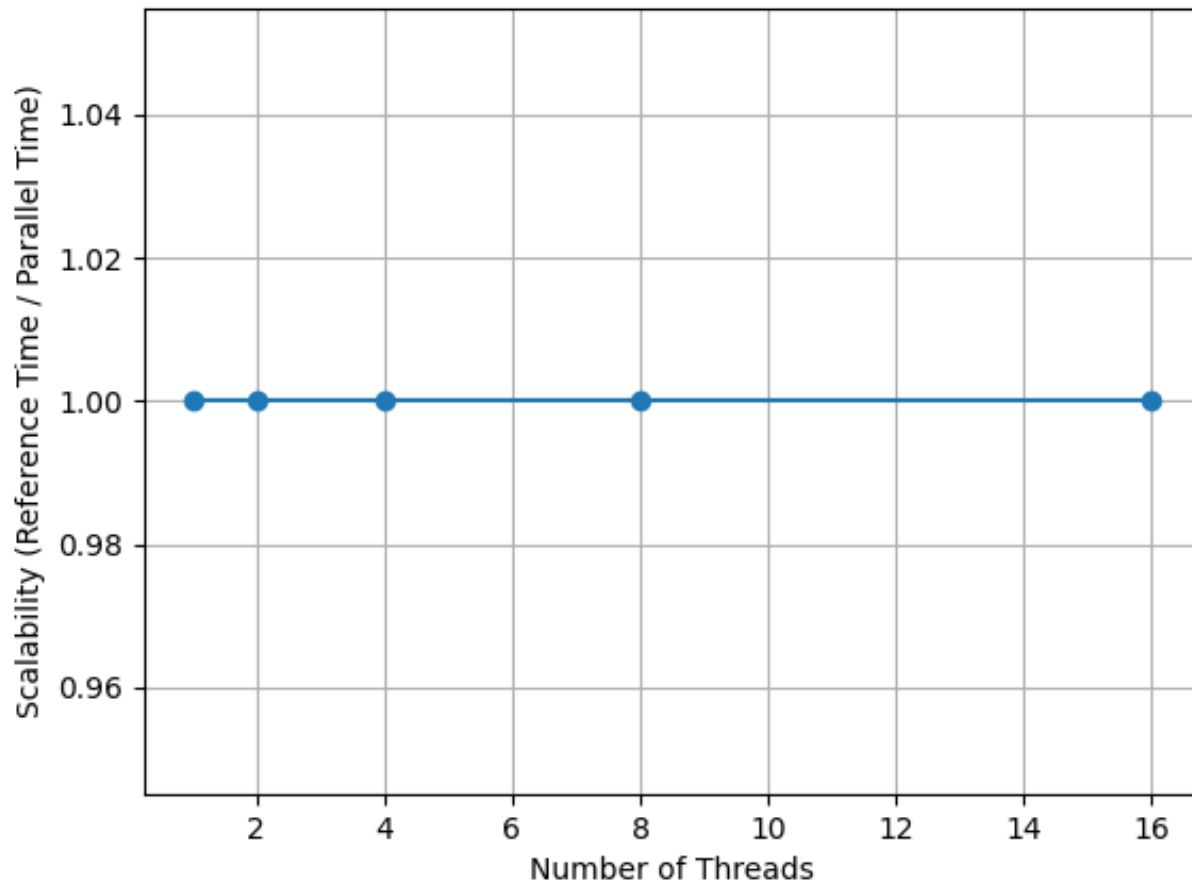
The times are averaged over 10 measurements. The graphs were generated using matplotlib.

Scalability for d=5



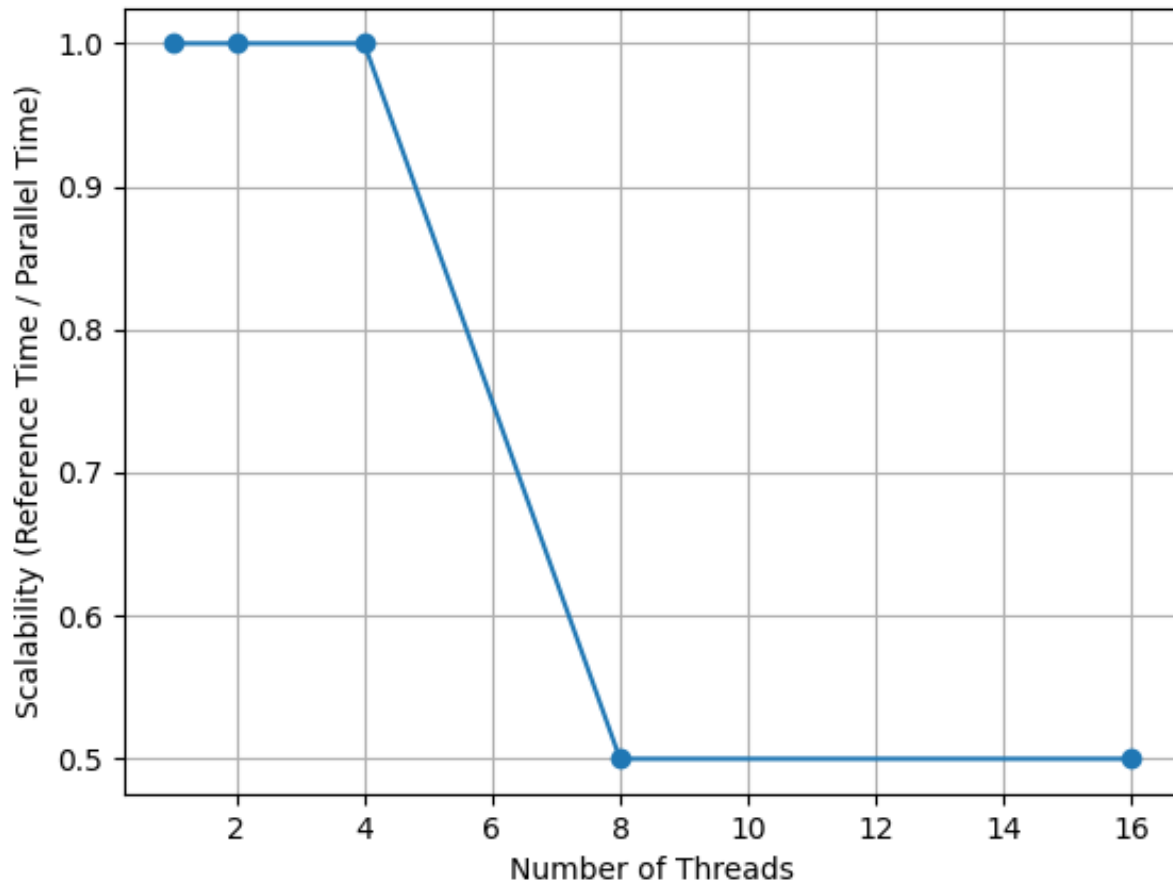
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	0.01	0.01	1.00
2	0.01	0.01	1.00
4	0.01	0.01	1.00
8	0.01	0.01	1.00
16	0.01	0.01	1.00

Scalability for d=10



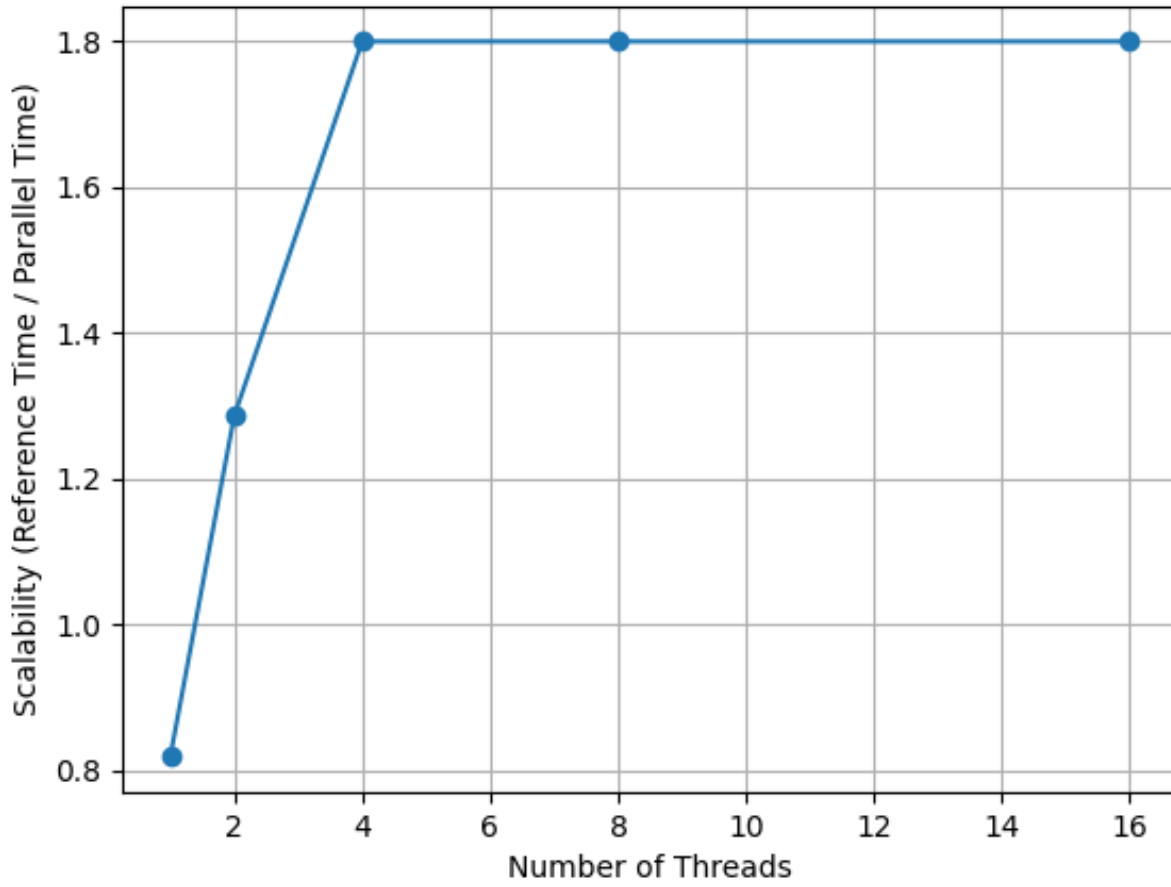
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	0.01	0.01	1.00
2	0.01	0.01	1.00
4	0.01	0.01	1.00
8	0.01	0.01	1.00
16	0.01	0.01	1.00

Scalability for d=15



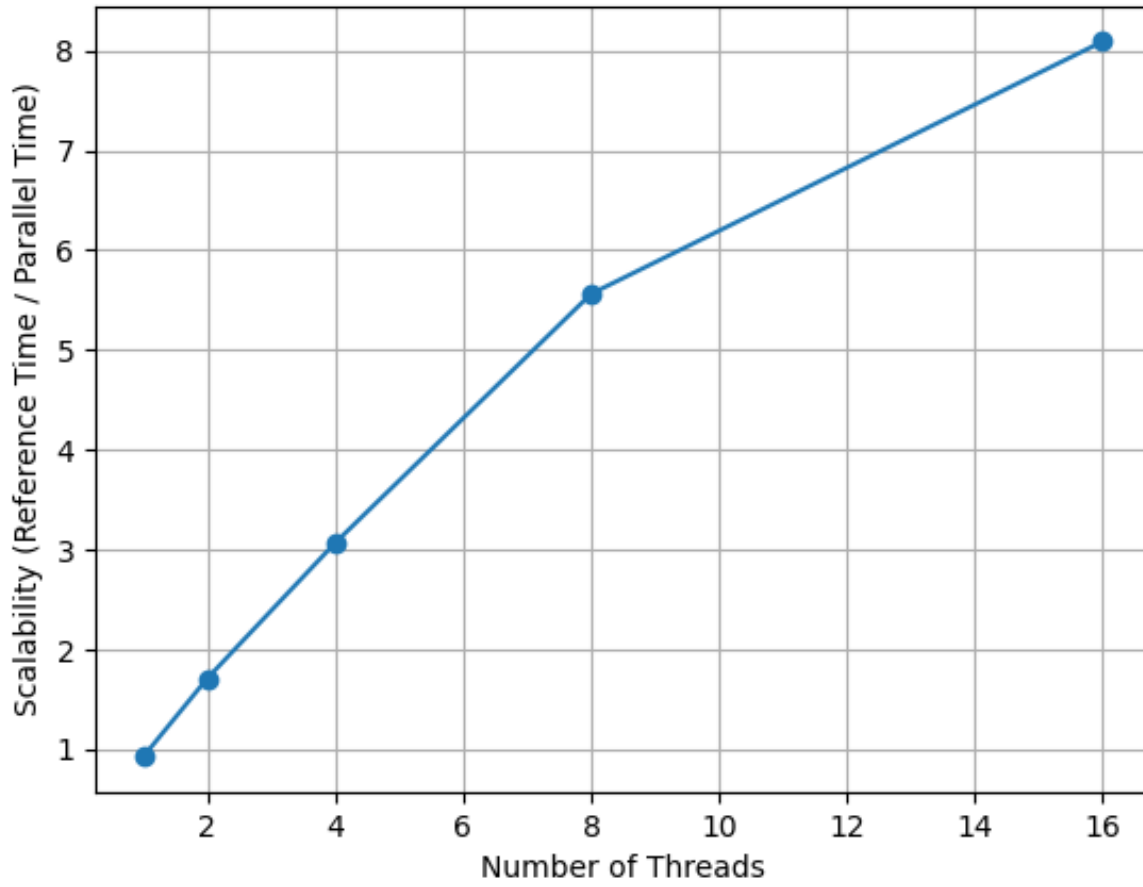
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	0.01	0.01	1.00
2	0.01	0.01	1.00
4	0.01	0.01	1.00
8	0.02	0.01	0.50
16	0.02	0.01	0.50

Scalability for d=20



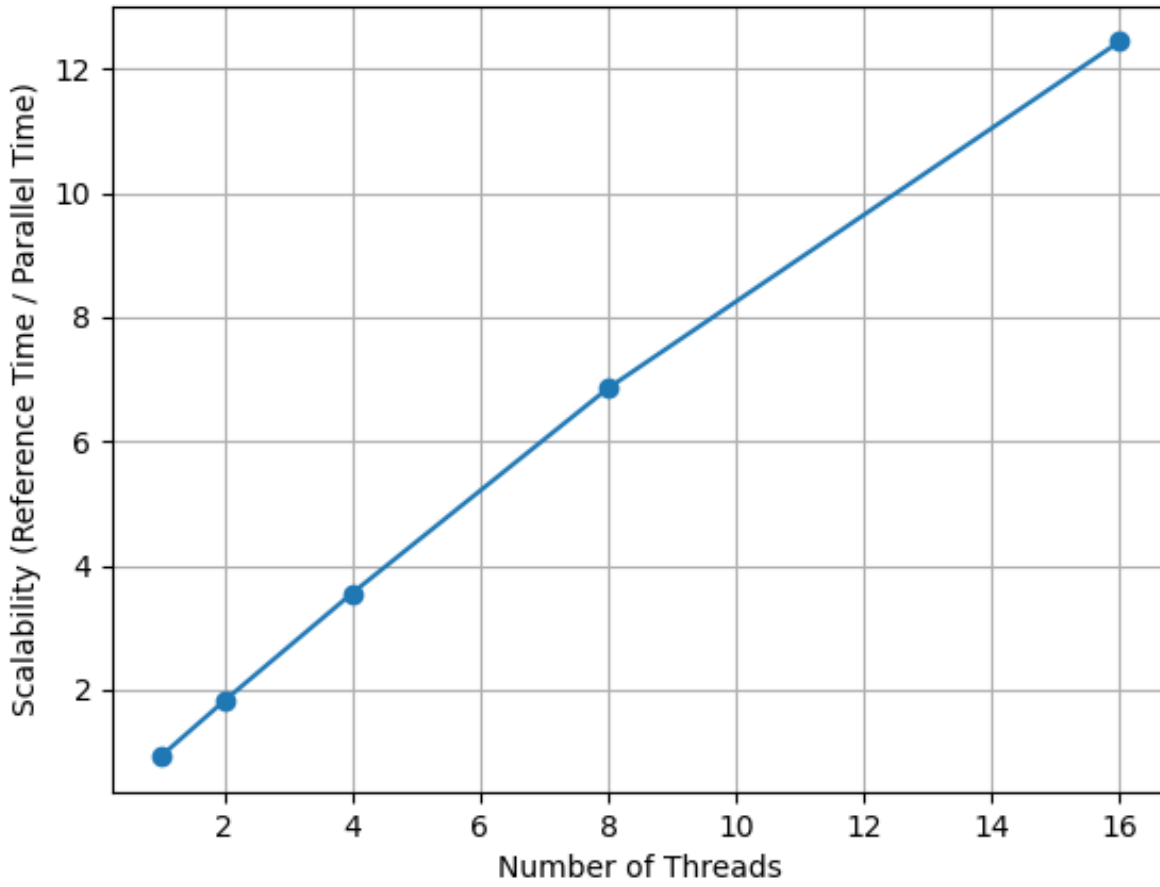
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	0.11	0.09	0.82
2	0.07	0.09	1.29
4	0.05	0.09	1.80
8	0.05	0.09	1.80
16	0.05	0.09	1.80

Scalability for d=25



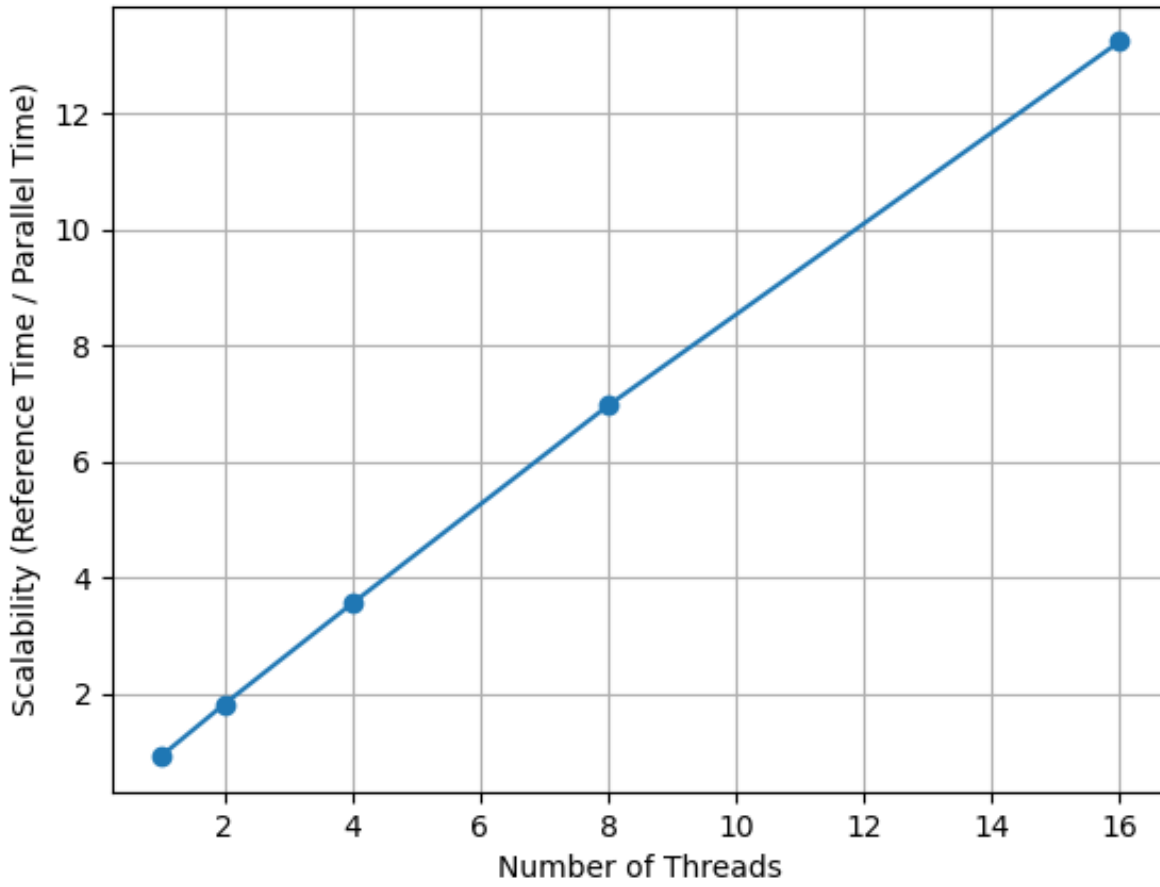
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	0.96	0.89	0.93
2	0.52	0.89	1.71
4	0.29	0.89	3.07
8	0.16	0.89	5.56
16	0.11	0.89	8.09

Scalability for d=30



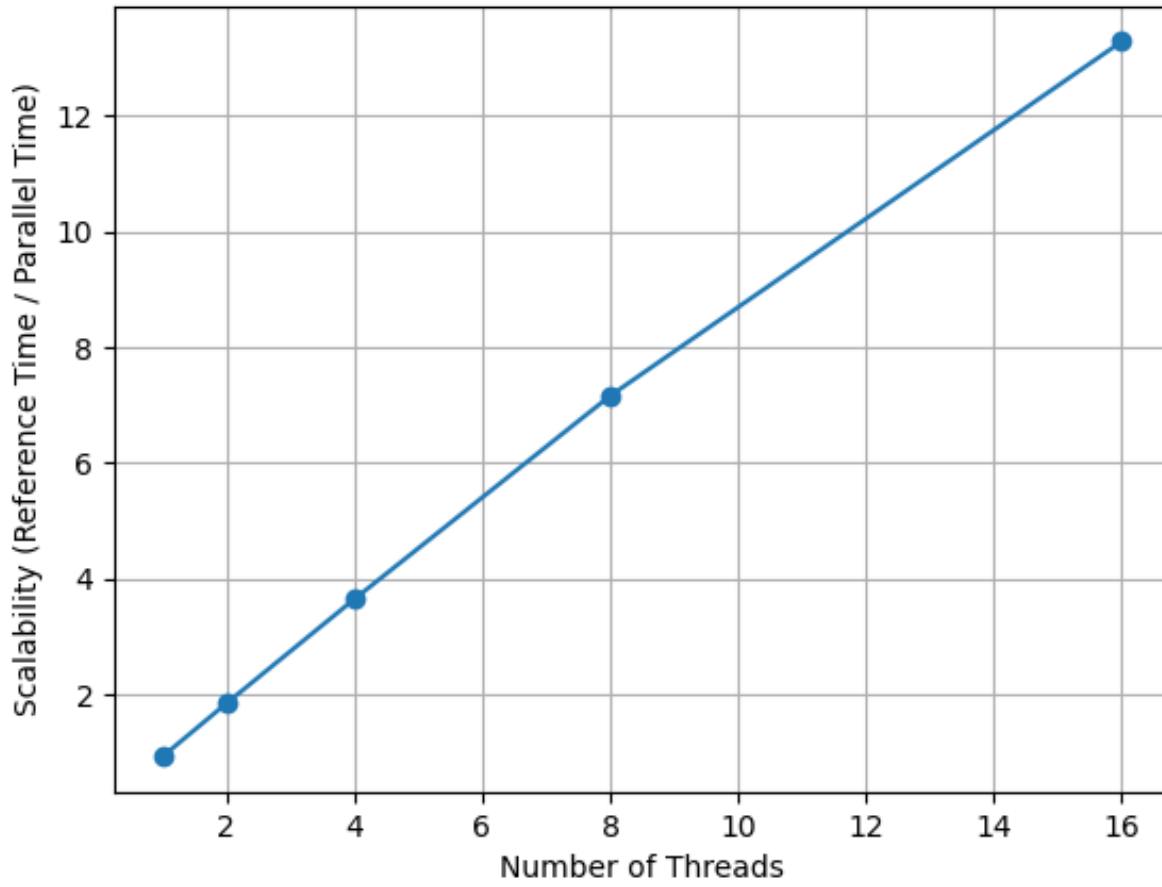
Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	7.3	6.72	0.92
2	3.69	6.72	1.82
4	1.89	6.72	3.56
8	0.98	6.72	6.86
16	0.54	6.72	12.44

Scalability for d=32



Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	15.81	14.57	0.92
2	7.97	14.57	1.83
4	4.09	14.57	3.56
8	2.09	14.57	6.97
16	1.1	14.57	13.25

Scalability for d=34



Threads	Parallel Time [s]	Reference Time [s]	Scalability
1	33.71	31.21	0.93
2	16.91	31.21	1.85
4	8.56	31.21	3.65
8	4.36	31.21	7.16
16	2.35	31.21	13.28