Size: 100x100, Condition Number: 153.80288538037635

threads	n	m	cond_num	rank	outer_tol	outer_maxiters	inner_tol	inner_maxiters	als_error	svdt_error	als_svdt_error	converged_als	als_time	svdt_time
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
1	100	100	153.803	25	1.0e-6	25	1.0e-6	25	60.6719	60.6483	9.09931	false	0.254048	0.0143646
1	100	100	153.803	25	1.0e-6	25	1.0e-6	50	60.6538	60.6483	4.63238	false	0.218573	0.00180996
1	100	100	153.803	25	1.0e-6	25	1.0e-6	75	60.6775	60.6483	18.0016	false	0.305185	0.00168708
1	100	100	153.803	25	1.0e-6	25	1.0e-6	100	60.6802	60.6483	15.2448	false	0.228559	0.00164554
1	100	100	153.803	25	1.0e-6	50	1.0e-6	25	60.6641	60.6483	16.6433	false	0.345037	0.00121154
1	100	100	153.803	25	1.0e-6	50	1.0e-6	50	60.6509	60.6483	3.35099	false	0.305065	0.00118925
1	100	100	153.803	25	1.0e-6	50	1.0e-6	75	60.659	60.6483	14.137	false	0.298574	0.00119658
1	100	100	153.803	25	1.0e-6	50	1.0e-6	100	60.6593	60.6483	14.3033	false	0.301809	0.00119221
1	100	100	153.803	25	1.0e-6	75	1.0e-6	25	60.6486	60.6483	2.34408	false	0.441425	0.00121983
1	100	100	153.803	25	1.0e-6	75	1.0e-6	50	60.6585	60.6483	13.4165	false	0.437054	0.00120238
1	100	100	153.803	25	1.0e-6	75	1.0e-6	75	60.6493	60.6483	4.17988	false	0.440088	0.00118833
1	100	100	153.803	25	1.0e-6	75	1.0e-6	100	60.6553	60.6483	11.4022	false	0.439067	0.00119721
1	100	100	153.803	25	1.0e-6	100	1.0e-6	25	60.6578	60.6483	13.2946	false	0.578216	0.00120908
1	100	100	153.803	25	1.0e-6	100	1.0e-6	50	60.6529	60.6483	9.24594	false	0.595539	0.00146262
1	100	100	153.803	25	1.0e-6	100	1.0e-6	75	60.649	60.6483	3.62658	false	0.59679	0.00124246
1	100	100	153.803	25	1.0e-6	100	1.0e-6	100	60.6494	60.6483	4.52312	false	0.582681	0.00121008
1	100	100	153.803	50	1.0e-6	25	1.0e-6	25	32.0848	32.0112	11.2391	false	0.300515	0.00119508
1	100	100	153.803	50	1.0e-6	25	1.0e-6	50	32.0359	32.0112	6.4267	false	0.37376	0.00121163
1	100	100	153.803	50	1.0e-6	25	1.0e-6	75	32.0643	32.0112	8.9872	false	0.353149	0.00122392
1	100	100	153.803	50	1.0e-6	25	1.0e-6	100	32.0124	32.0112	1.16654	false	0.34756	0.00124908
1	100	100	153.803	50	1.0e-6	50	1.0e-6	25	32.0112	32.0112	0.125152	false	0.565569	0.00127179
1	100	100	153.803	50	1.0e-6	50	1.0e-6	50	32.0114	32.0112	0.645226	false	0.674855	0.00162271
1	100	100	153.803	50	1.0e-6	50	1.0e-6	75	32.0118	32.0112	0.973579	false	0.663702	0.00123592
1	100	100	153.803	50	1.0e-6	50	1.0e-6	100	32.0147	32.0112	2.53668	false	0.676598	0.00122937
1	100	100	153.803	50	1.0e-6	75	1.0e-6	25	32.0113	32.0112	0.454613	false	0.842672	0.00123146
1	100	100	153.803	50	1.0e-6	75	1.0e-6	50	32.0112	32.0112	0.0318224	false	0.981168	0.00123288
1	100	100	153.803	50	1.0e-6	75	1.0e-6	75	32.0112	32.0112	0.104767	false	1.00341	0.00124383
1	100	100	153.803	50	1.0e-6	75	1.0e-6	100	32.0113	32.0112	0.446095	false	0.999185	0.00123575
1	100	100	153.803	50	1.0e-6	100	1.0e-6	25	32.0112	32.0112	0.0373157	false	1.11623	0.00121317
1	100	100	153.803	50	1.0e-6	100	1.0e-6	50	32.0112	32.0112	0.0171605	false	1.3156	0.00123958
1	100	100	153.803	50	1.0e-6	100	1.0e-6	75	32.0112	32.0112	0.0325227	false	1.3009	0.00123408
1	100	100	153.803	50	1.0e-6	100	1.0e-6	100	32.0112	32.0112	0.0380201	false	1.34066	0.00123704
1	100	100	153.803	75	1.0e-6	25	1.0e-6	25	10.9542	10.9356	3.50359	false	0.636779	0.00123679
1	100	100	153.803	75	1.0e-6	25	1.0e-6	50	10.936	10.9356	0.324684	false	0.791693	0.00119888
1	100	100	153.803	75	1.0e-6	25	1.0e-6	75	10.9368	10.9356	1.00117	false	0.937383	0.00141408
1	100	100	153.803	75	1.0e-6	25	1.0e-6	100	10.939	10.9356	1.72718	false	1.07291	0.00121592
1	100	100	153.803	75	1.0e-6	50	1.0e-6	25	10.9371	10.9356	0.664668	false	1.27573	0.00124187
1	100	100	153.803	75	1.0e-6	50	1.0e-6	50	10.9362	10.9356	0.582901	false	1.58052	0.0012085
1	100	100	153.803	75	1.0e-6	50	1.0e-6	75	10.9383	10.9356	1.53574	false	1.98982	0.00124896
1	100	100	153.803	75	1.0e-6	50	1.0e-6	100	10.9482	10.9356	3.34235	false	2.14492	0.00122358
1	100	100	153.803	75	1.0e-6	75	1.0e-6	25	10.9359	10.9356	0.458327	false	2.05683	0.00125263
1	100	100	153.803	75	1.0e-6	75	1.0e-6	50	10.9361	10.9356	0.668585	false	2.43402	0.00120842
1	100	100	153.803	75	1.0e-6	75	1.0e-6	75	10.9356	10.9356	0.0399137	false	3.14592	0.00121988
1	100	100	153.803	75	1.0e-6	75	1.0e-6	100	10.9356	10.9356	0.0138945	false	3.34605	0.00125829
1	100	100	153.803	75	1.0e-6	100	1.0e-6	25	10.9357	10.9356	0.0327707	false	2.60457	0.001244
1	100	100	153.803	75	1.0e-6	100	1.0e-6	50	10.9357	10.9356	0.0762494	false	3.27021	0.001236
1	100	100	153.803	75	1.0e-6	100	1.0e-6	75	10.9356	10.9356	0.0818312	false	3.80704	0.00188408
1	100	100	153.803	75	1.0e-6	100	1.0e-6	100	10.9356	10.9356	0.0257214	false	4.35105	0.00127162
1	100	100	153.803	100	1.0e-6	25	1.0e-6	25	0.692496	2.72534e-13	0.692496	false	0.770382	0.00125621
1	100	100	153.803	100	1.0e-6	25	1.0e-6	50	0.443065	2.72534e-13	0.443065	false	1.0049	0.00126667
1	100	100	153.803	100	1.0e-6	25	1.0e-6	75	0.276989	2.72534e-13	0.276989	false	1.25305	0.00156942
1	100	100	153.803	100	1.0e-6	25	1.0e-6	100	0.31297	2.72534e-13	0.31297	false	1.48818	0.00121725
1	100	100	153.803	100	1.0e-6	50	1.0e-6	25	0.641396	2.72534e-13	0.641396	false	1.5369	0.00126092
1	100	100	153.803	100	1.0e-6	50	1.0e-6	50	0.185022	2.72534e-13	0.185022	false	2.03777	0.00126408

threads	n	m	cond_num	rank	outer_tol	outer_maxiters	inner_tol	inner_maxiters	als_error	svdt_error	als_svdt_error	converged_als	als_time	svdt_time
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4	100	100	153.803	25	1.0e-6	25	1.0e-6	25	60.664	60.6483	8.55723	false	1.58093	0.21578
4	100	100	153.803	25	1.0e-6	25	1.0e-6	50	60.6776	60.6483	13.3276	false	0.102441	0.00120404
4	100	100	153.803	25	1.0e-6	25	1.0e-6	75	60.6646	60.6483	15.3538	false	0.123067	0.00148675
4	100	100	153.803	25	1.0e-6	25	1.0e-6	100	60.6697	60.6483	11.3541	false	0.100376	0.00140233
4	100	100	153.803	25	1.0e-6	50	1.0e-6	25	60.6519	60.6483	8.03839	false	0.210621	0.00115083
4	100	100	153.803	25	1.0e-6	50	1.0e-6	50	60.6532	60.6483	7.23965	false	0.195697	0.00115221
4	100	100	153.803	25	1.0e-6	50	1.0e-6	75	60.6534	60.6483	9.71681	false	0.200435	0.00114729
4	100	100	153.803	25	1.0e-6	50	1.0e-6	100	60.6539	60.6483	9.73762	false	0.189414	0.00114004
4	100	100	153.803	25	1.0e-6	75	1.0e-6	25	60.6497	60.6483	4.9851	false	0.282291	0.00123296
4	100	100	153.803	25	1.0e-6	75	1.0e-6	50	60.6554	60.6483	11.4682	false	0.269728	0.00116717
4	100	100	153.803	25	1.0e-6	75	1.0e-6	75	60.6596	60.6483	14.4685	false	0.267524	0.00116187
4	100	100	153.803	25	1.0e-6	75	1.0e-6	100	60.654	60.6483	10.2573	false	0.271024	0.00117583
4	100	100	153.803	25	1.0e-6	100	1.0e-6	25	60.6484	60.6483	0.57584	false	0.313223	0.00127879
4	100	100	153.803	25	1.0e-6	100	1.0e-6	50	60.6522	60.6483	8.39798	false	0.311859	0.00126521
4	100	100	153.803	25	1.0e-6	100	1.0e-6	75	60.6612	60.6483	15.548	false	0.310628	0.00125992
4	100	100	153.803	25	1.0e-6	100	1.0e-6	100	60.6485	60.6483	1.75042	false	0.31163	0.00136221
4	100	100	153.803	50	1.0e-6	25	1.0e-6	25	32.027	32.0112	5.34359	false	0.177709	0.00119821
4	100	100	153.803	50	1.0e-6	25	1.0e-6	50	32.0124	32.0112	1.43386	false	0.26292	0.00177825
4	100	100	153.803	50	1.0e-6	25	1.0e-6	75	32.0136	32.0112	1.90748	false	0.222337	0.00137079
4	100	100	153.803	50	1.0e-6	25	1.0e-6	100	32.1092	32.0112	11.3303	false	0.198143	0.00120563
4	100	100	153.803	50	1.0e-6	50	1.0e-6	25	32.0112	32.0112	0.222116	false	0.316186	0.00134454
4	100	100	153.803	50	1.0e-6	50	1.0e-6	50	32.0112	32.0112	0.137039	false	0.367777	0.00138417
4	100	100	153.803	50	1.0e-6	50	1.0e-6	75	32.0115	32.0112	0.74297	false	0.354276	0.00135421
4	100	100	153.803	50	1.0e-6	50	1.0e-6	100	32.0112	32.0112	0.213728	false	0.378476	0.00135263
4	100	100	153.803	50	1.0e-6	75	1.0e-6	25	32.0112	32.0112	0.231335	false	0.436001	0.00187517
4	100	100	153.803	50	1.0e-6	75	1.0e-6	50	32.0112	32.0112	0.176485	false	0.472936	0.00151379
4	100	100	153.803	50	1.0e-6	75	1.0e-6	75	32.0112	32.0112	0.0438404	false	0.481321	0.00174212
4	100	100	153.803	50	1.0e-6	75	1.0e-6	100	32.0112	32.0112	0.163502	false	0.468189	0.00148117
4	100	100	153.803	50	1.0e-6	100	1.0e-6	25	32.0112	32.0112	0.0758611	false	0.533746	0.00148633
4	100	100	153.803	50	1.0e-6	100	1.0e-6	50	32.0112	32.0112	0.0500749	false	0.595168	0.00158004
4	100	100	153.803	50	1.0e-6	100	1.0e-6	75	32.0112	32.0112	0.0617253	false	0.599718	0.00145758
4	100	100	153.803	50	1.0e-6	100	1.0e-6	100	32.0112	32.0112	0.0102855	false	0.596997	0.00142175
4	100	100	153.803	75	1.0e-6	25	1.0e-6	25	10.9436	10.9356	2.15993	false	0.62715	0.00133946
4	100	100	153.803	75	1.0e-6	25	1.0e-6	50	10.952	10.9356	3.74526	false	0.76178	0.00120733
4	100	100	153.803	75	1.0e-6	25	1.0e-6	75	10.9546	10.9356	3.66722	false	0.742384	0.00140846
4	100	100	153.803	75	1.0e-6	25	1.0e-6	100	10.9646	10.9356	4.9602	false	0.877348	0.00131642
4	100	100	153.803	75	1.0e-6	50	1.0e-6	25	10.9368	10.9356	0.502291	false	1.21308	0.00128554
4	100	100	153.803	75	1.0e-6	50	1.0e-6	50	10.9372	10.9356	1.14206	false	1.50611	0.00129029
4	100	100	153.803	75	1.0e-6	50	1.0e-6	75	10.9356	10.9356	0.0219949	false	1.42554	0.0014005
4	100	100	153.803	75	1.0e-6	50	1.0e-6	100	10.9356	10.9356	0.0950607	false	1.7234	0.00131296
4	100	100	153.803	75	1.0e-6	75	1.0e-6	25	10.9359	10.9356	0.371515	false	1.90143	0.00143333
4	100	100	153.803	75	1.0e-6	75	1.0e-6	50	10.9358	10.9356	0.250133	false	2.25797	0.00136646
4	100	100	153.803	75	1.0e-6	75	1.0e-6	75	10.9356	10.9356	0.0280076	false	2.19302	0.001366
4	100	100	153.803	75	1.0e-6	75	1.0e-6	100	10.9357	10.9356	0.186484	false	2.52556	0.00141325
4	100	100	153.803	75	1.0e-6	100	1.0e-6	25	10.9357	10.9356	0.0393198	false	2.5485	0.00137342
4	100	100	153.803	75	1.0e-6	100	1.0e-6	50	10.9356	10.9356	0.0915365	false	3.11435	0.00142496
4	100	100	153.803	75	1.0e-6	100	1.0e-6	75	10.9359	10.9356	0.483182	false	2.98032	0.00142496
4	100	100	153.803	75	1.0e-6	100	1.0e-6	100	10.9356	10.9356	0.00310906	false	3.42541	0.00138508
4	100	100	153.803	100	1.0e-6	25	1.0e-6	25	0.647408	2.72534e-13	0.647408	false	0.788619	0.00146379
4	100	100	153.803	100	1.0e-6	25	1.0e-6	50	0.420775	2.72534e-13	0.420775	false	0.974499	0.00138271
4	100	100	153.803	100	1.0e-6	25	1.0e-6	75	0.261614	2.72534e-13	0.261614	false	1.04059	0.00140158
4	100	100	153.803	100	1.0e-6	25	1.0e-6	100	0.245353	2.72534e-13	0.245353	false	1.17062	0.00136704
4	100	100	153.803	100	1.0e-6	50	1.0e-6	25	0.563726	2.72534e-13	0.563726	false	1.60545	0.00149829
4	100	100	153.803	100	1.0e-6	50	1.0e-6	50	0.230239	2.72534e-13	0.230239	false	2.00497	0.00139042
4	100	100	153.803	100	1.0e-6	50	1.0e-6	75	0.117293	2.72534e-13	0.117293	false	2.09324	0.00144267
4	100	100	153.803	100	1.0e-6	50	1.0e-6	100	0.226026	2.72534e-13	0.226026	false	2.24674	0.00135992
4	100	100	153.803	100	1.0e-6	75	1.0e-6	25	0.490888	2.72534e-13	0.490888	false	2.35428	0.00151388
4	100	100	153.803	100	1.0e-6	75	1.0e-6	50	0.225098	2.72534e-13	0.225098	false	3.00725	0.00155046

threads	n	m	cond_num	rank	outer_tol	outer_maxiters	inner_tol	inner_maxiters	als_error	svdt_error	als_svdt_error	converged_als	als_time	svdt_time
Int64	Int64	Int64	Float64	Int64	Float64	Int64	Float64	Int64	Float64	Float64	Float64	Bool	Float64	Float64
4	100	100	153.803	100	1.0e-6	75	1.0e-6	75	0.0854449	2.72534e-13	0.0854449	false	3.12415	0.00150763
4	100	100	153.803	100	1.0e-6	75	1.0e-6	100	0.187123	2.72534e-13	0.187123	false	3.40258	0.001479
4	100	100	153.803	100	1.0e-6	100	1.0e-6	25	0.551785	2.72534e-13	0.551785	false	3.17185	0.00144479
4	100	100	153.803	100	1.0e-6	100	1.0e-6	50	0.10778	2.72534e-13	0.10778	false	3.93372	0.00142637
4	100	100	153.803	100	1.0e-6	100	1.0e-6	75	0.168854	2.72534e-13	0.168854	false	4.23531	0.00148054
4	100	100	153.803	100	1.0e-6	100	1.0e-6	100	0.160149	2.72534e-13	0.160149	false	4.44912	0.00150279