

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	50	50	143.085	13	1.0e-6	25	1.0e-6	25	30.9264	30.9222	2.83157	false	1.17187	0.576969
4	50	50	143.085	13	1.0e-6	25	1.0e-6	50	30.93	30.9222	3.59586	false	0.012021	0.576969
4	50	50	143.085	13	1.0e-6	25	1.0e-6	75	30.9295	30.9222	3.71402	false	0.007592	0.576969
4	50	50	143.085	13	1.0e-6	25	1.0e-6	100	30.9247	30.9222	1.69519	false	0.00693496	0.576969
4	50	50	143.085	13	1.0e-6	50	1.0e-6	25	30.9231	30.9222	1.65291	false	0.0155532	0.576969
4	50	50	143.085	13	1.0e-6	50	1.0e-6	50	30.9239	30.9222	2.21952	false	0.0137058	0.576969
4	50	50	143.085	13	1.0e-6	50	1.0e-6	75	30.928	30.9222	4.17456	false	0.0155255	0.576969
4	50	50	143.085	13	1.0e-6	50	1.0e-6	100	30.9224	30.9222	0.583833	false	0.0156609	0.576969
4	50	50	143.085	13	1.0e-6	75	1.0e-6	25	30.9222	30.9222	0.181647	false	0.0203774	0.576969
4	50	50	143.085	13	1.0e-6	75	1.0e-6	50	30.9278	30.9222	4.12042	false	0.0191059	0.576969
4	50	50	143.085	13	1.0e-6	75	1.0e-6	75	30.9223	30.9222	0.304674	false	0.0193857	0.576969
4	50	50	143.085	13	1.0e-6	75	1.0e-6	100	30.9238	30.9222	2.20229	false	0.0191384	0.576969
4	50	50	143.085	13	1.0e-6	100	1.0e-6	25	30.9222	30.9222	0.168284	false	0.0293606	0.576969
4	50	50	143.085	13	1.0e-6	100	1.0e-6	50	30.9223	30.9222	0.431631	false	0.0259717	0.576969
4	50	50	143.085	13	1.0e-6	100	1.0e-6	75	30.9363	30.9222	6.52645	false	0.0261977	0.576969
4	50	50	143.085	13	1.0e-6	100	1.0e-6	100	30.9222	30.9222	0.0358675	false	0.0265884	0.576969
4	50	50	143.085	25	1.0e-6	25	1.0e-6	25	16.8504	16.849	0.949984	false	0.0461213	0.000372542
4	50	50	143.085	25	1.0e-6	25	1.0e-6	50	16.8526	16.849	1.55471	false	0.0446252	0.000372542
4	50	50	143.085	25	1.0e-6	25	1.0e-6	75	16.8619	16.849	2.38544	false	0.0353477	0.000372542
4	50	50	143.085	25	1.0e-6	25	1.0e-6	100	16.8493	16.849	0.40532	false	0.0354336	0.000372542
4	50	50	143.085	25	1.0e-6	50	1.0e-6	25	16.849	16.849	0.011683	false	0.0766806	0.000372542
4	50	50	143.085	25	1.0e-6	50	1.0e-6	50	16.8493	16.849	0.430975	false	0.0414601	0.000372542
4	50	50	143.085	25	1.0e-6	50	1.0e-6	75	16.8528	16.849	1.59258	false	0.0287263	0.000372542
4	50	50	143.085	25	1.0e-6	50	1.0e-6	100	16.8491	16.849	0.292424	false	0.0290107	0.000372542
4	50	50	143.085	25	1.0e-6	75	1.0e-6	25	16.849	16.849	0.00143884	false	0.0429782	0.000372542
4	50	50	143.085	25	1.0e-6	75	1.0e-6	50	16.849	16.849	0.000877023	false	0.0448508	0.000372542
4	50	50	143.085	25	1.0e-6	75	1.0e-6	75	16.849	16.849	0.000976878	false	0.0521601	0.000372542
4	50	50	143.085	25	1.0e-6	75	1.0e-6	100	16.849	16.849	0.00127046	false	0.0497462	0.000372542
4	50	50	143.085	25	1.0e-6	100	1.0e-6	25	16.849	16.849	0.000122252	false	0.0569106	0.000372542
4	50	50	143.085	25	1.0e-6	100	1.0e-6	50	16.849	16.849	6.67708e-5	false	0.0551812	0.000372542
4	50	50	143.085	25	1.0e-6	100	1.0e-6	75	16.849	16.849	0.000838723	false	0.0588504	0.000372542
4	50	50	143.085	25	1.0e-6	100	1.0e-6	100	16.849	16.849	0.00269682	false	0.0637148	0.000372542
4	50	50	143.085	38	1.0e-6	25	1.0e-6	25	5.72083	5.71936	0.158726	false	0.0432021	0.000398084
4	50	50	143.085	38	1.0e-6	25	1.0e-6	50	5.71937	5.71936	0.0386806	false	0.0577912	0.000398084
4	50	50	143.085	38	1.0e-6	25	1.0e-6	75	5.71936	5.71936	0.00798015	false	0.0578406	0.000398084
4	50	50	143.085	38	1.0e-6	25	1.0e-6	100	5.7194	5.71936	0.0770909	false	0.0599974	0.000398084
4	50	50	143.085	38	1.0e-6	50	1.0e-6	25	5.71957	5.71936	0.0770113	false	0.0579231	0.000398084
4	50	50	143.085	38	1.0e-6	50	1.0e-6	50	5.71937	5.71936	0.0258005	false	0.0471027	0.000398084
4	50	50	143.085	38	1.0e-6	50	1.0e-6	75	5.71936	5.71936	0.000186841	false	0.0490613	0.000398084
4	50	50	143.085	38	1.0e-6	50	1.0e-6	100	5.71936	5.71936	0.00629962	false	0.0480476	0.000398084
4	50	50	143.085	38	1.0e-6	75	1.0e-6	25	5.71958	5.71936	0.051077	false	0.0575987	0.000398084
4	50	50	143.085	38	1.0e-6	75	1.0e-6	50	5.71936	5.71936	0.000245106	false	0.079991	0.000398084
4	50	50	143.085	38	1.0e-6	75	1.0e-6	75	5.71936	5.71936	1.60497e-5	false	0.0860523	0.000398084
4	50	50	143.085	38	1.0e-6	75	1.0e-6	100	5.71936	5.71936	2.89974e-5	false	0.0847648	0.000398084
4	50	50	143.085	38	1.0e-6	100	1.0e-6	25	5.7194	5.71936	0.025111	false	0.0790308	0.000398084
4	50	50	143.085	38	1.0e-6	100	1.0e-6	50	5.71936	5.71936	0.000564713	false	0.102315	0.000398084
4	50	50	143.085	38	1.0e-6	100	1.0e-6	75	5.71936	5.71936	4.97265e-5	false	0.101324	0.000398084
4	50	50	143.085	38	1.0e-6	100	1.0e-6	100	5.71936	5.71936	9.36406e-6	false	0.0989862	0.000398084
4	50	50	143.085	50	1.0e-6	25	1.0e-6	25	0.187053	1.15522e-13	0.187053	false	0.0535312	0.0003875
4	50	50	143.085	50	1.0e-6	25	1.0e-6	50	0.189714	1.15522e-13	0.189714	false	0.0750664	0.0003875
4	50	50	143.085	50	1.0e-6	25	1.0e-6	75	0.032366	1.15522e-13	0.032366	false	0.116996	0.0003875
4	50	50	143.085	50	1.0e-6	25	1.0e-6	100	0.0195618	1.15522e-13	0.0195618	false	0.0571772	0.0003875
4	50	50	143.085	50	1.0e-6	50	1.0e-6	25	0.101465	1.15522e-13	0.101465	false	0.0460805	0.0003875
4	50	50	143.085	50	1.0e-6	50	1.0e-6	50	0.149426	1.15522e-13	0.149426	false	0.065779	0.0003875

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	50	50	143.085	50	1.0e-6	50	1.0e-6	75	0.0200474	1.15522e-13	0.0200474	false	0.0846075	0.0003875
4	50	50	143.085	50	1.0e-6	50	1.0e-6	100	0.0145234	1.15522e-13	0.0145234	false	0.0940023	0.0003875
4	50	50	143.085	50	1.0e-6	75	1.0e-6	25	0.172875	1.15522e-13	0.172875	false	0.070418	0.0003875
4	50	50	143.085	50	1.0e-6	75	1.0e-6	50	0.0769373	1.15522e-13	0.0769373	false	0.0988512	0.0003875
4	50	50	143.085	50	1.0e-6	75	1.0e-6	75	0.0322236	1.15522e-13	0.0322236	false	0.126776	0.0003875
4	50	50	143.085	50	1.0e-6	75	1.0e-6	100	0.0182094	1.15522e-13	0.0182094	false	0.14068	0.0003875
4	50	50	143.085	50	1.0e-6	100	1.0e-6	25	0.101483	1.15522e-13	0.101483	false	0.093456	0.0003875
4	50	50	143.085	50	1.0e-6	100	1.0e-6	50	0.0420387	1.15522e-13	0.0420387	false	0.135022	0.0003875
4	50	50	143.085	50	1.0e-6	100	1.0e-6	75	0.00920221	1.15522e-13	0.00920221	false	0.170324	0.0003875
4	50	50	143.085	50	1.0e-6	100	1.0e-6	100	0.00849749	1.15522e-13	0.00849749	false	0.194488	0.0003875
4	50	50	143.085	13	1.0e-6	25	1.0e-6	25	30.9397	30.9222	5.64061	false	1.05372	0.589445
4	50	50	143.085	13	1.0e-6	25	1.0e-6	50	30.9311	30.9222	4.39884	false	0.0137645	0.589445
4	50	50	143.085	13	1.0e-6	25	1.0e-6	75	30.9288	30.9222	2.90691	false	0.00970408	0.589445
4	50	50	143.085	13	1.0e-6	25	1.0e-6	100	30.9304	30.9222	3.68031	false	0.0584633	0.589445
4	50	50	143.085	13	1.0e-6	50	1.0e-6	25	30.9223	30.9222	0.435113	false	0.0165954	0.589445
4	50	50	143.085	13	1.0e-6	50	1.0e-6	50	30.9223	30.9222	0.441707	false	0.0148573	0.589445
4	50	50	143.085	13	1.0e-6	50	1.0e-6	75	30.9229	30.9222	1.46983	false	0.0132745	0.589445
4	50	50	143.085	13	1.0e-6	50	1.0e-6	100	30.9355	30.9222	6.30386	false	0.0141217	0.589445
4	50	50	143.085	13	1.0e-6	75	1.0e-6	25	30.9222	30.9222	0.102208	false	0.0206768	0.589445
4	50	50	143.085	13	1.0e-6	75	1.0e-6	50	30.9222	30.9222	0.256022	false	0.0213271	0.589445
4	50	50	143.085	13	1.0e-6	75	1.0e-6	75	30.9227	30.9222	1.16826	false	0.0209544	0.589445
4	50	50	143.085	13	1.0e-6	75	1.0e-6	100	30.9222	30.9222	0.221755	false	0.0212667	0.589445
4	50	50	143.085	13	1.0e-6	100	1.0e-6	25	30.9222	30.9222	0.241441	false	0.0277579	0.589445
4	50	50	143.085	13	1.0e-6	100	1.0e-6	50	30.9223	30.9222	0.314226	false	0.0287085	0.589445
4	50	50	143.085	13	1.0e-6	100	1.0e-6	75	30.9222	30.9222	0.0707241	false	0.0279559	0.589445
4	50	50	143.085	13	1.0e-6	100	1.0e-6	100	30.9223	30.9222	0.464801	false	0.0270143	0.589445
4	50	50	143.085	25	1.0e-6	25	1.0e-6	25	16.8513	16.849	1.17643	false	0.0322252	0.00037175
4	50	50	143.085	25	1.0e-6	25	1.0e-6	50	16.8492	16.849	0.295447	false	0.0322621	0.00037175
4	50	50	143.085	25	1.0e-6	25	1.0e-6	75	16.8703	16.849	3.7757	false	0.0392078	0.00037175
4	50	50	143.085	25	1.0e-6	25	1.0e-6	100	16.8504	16.849	0.927677	false	0.0334049	0.00037175
4	50	50	143.085	25	1.0e-6	50	1.0e-6	25	16.849	16.849	0.0268525	false	0.067566	0.00037175
4	50	50	143.085	25	1.0e-6	50	1.0e-6	50	16.849	16.849	0.0633837	false	0.0548736	0.00037175
4	50	50	143.085	25	1.0e-6	50	1.0e-6	75	16.849	16.849	0.0673871	false	0.0282068	0.00037175
4	50	50	143.085	25	1.0e-6	50	1.0e-6	100	16.849	16.849	0.0184444	false	0.0272653	0.00037175
4	50	50	143.085	25	1.0e-6	75	1.0e-6	25	16.849	16.849	0.0186942	false	0.0407903	0.00037175
4	50	50	143.085	25	1.0e-6	75	1.0e-6	50	16.849	16.849	0.000823987	false	0.0413776	0.00037175
4	50	50	143.085	25	1.0e-6	75	1.0e-6	75	16.849	16.849	0.00828293	false	0.0433842	0.00037175
4	50	50	143.085	25	1.0e-6	75	1.0e-6	100	16.849	16.849	0.000597196	false	0.0433075	0.00037175
4	50	50	143.085	25	1.0e-6	100	1.0e-6	25	16.849	16.849	0.000242402	false	0.0546621	0.00037175
4	50	50	143.085	25	1.0e-6	100	1.0e-6	50	16.849	16.849	0.00127886	false	0.055286	0.00037175
4	50	50	143.085	25	1.0e-6	100	1.0e-6	75	16.849	16.849	0.000248264	false	0.0570422	0.00037175
4	50	50	143.085	25	1.0e-6	100	1.0e-6	100	16.849	16.849	0.000757305	false	0.0558807	0.00037175
4	50	50	143.085	38	1.0e-6	25	1.0e-6	25	5.71982	5.71936	0.0971222	false	0.0407643	0.000355958
4	50	50	143.085	38	1.0e-6	25	1.0e-6	50	5.72002	5.71936	0.334167	false	0.0536079	0.000355958
4	50	50	143.085	38	1.0e-6	25	1.0e-6	75	5.71961	5.71936	0.201745	false	0.0554435	0.000355958
4	50	50	143.085	38	1.0e-6	25	1.0e-6	100	5.72131	5.71936	0.573241	false	0.0601995	0.000355958
4	50	50	143.085	38	1.0e-6	50	1.0e-6	25	5.77164	5.71936	2.98704	false	0.0597307	0.000355958
4	50	50	143.085	38	1.0e-6	50	1.0e-6	50	5.71936	5.71936	0.009271	false	0.0558052	0.000355958
4	50	50	143.085	38	1.0e-6	50	1.0e-6	75	5.71936	5.71936	0.000684893	false	0.0572353	0.000355958
4	50	50	143.085	38	1.0e-6	50	1.0e-6	100	5.71937	5.71936	0.0283189	false	0.0571145	0.000355958
4	50	50	143.085	38	1.0e-6	75	1.0e-6	25	5.71946	5.71936	0.035151	false	0.0596185	0.000355958
4	50	50	143.085	38	1.0e-6	75	1.0e-6	50	5.71936	5.71936	0.000582808	false	0.0810654	0.000355958
4	50	50	143.085	38	1.0e-6	75	1.0e-6	75	5.71936	5.71936	0.00120797	false	0.0768968	0.000355958
4	50	50	143.085	38	1.0e-6	75	1.0e-6	100	5.71939	5.71936	0.0644559	false	0.0811604	0.000355958
4	50	50	143.085	38	1.0e-6	100	1.0e-6	25	5.71943	5.71936	0.0307193	false	0.0693331	0.000355958
4	50	50	143.085	38	1.0e-6	100	1.0e-6	50	5.71936	5.71936	0.00124684	false	0.0951758	0.000355958
4	50	50	143.085	38	1.0e-6	100	1.0e-6	75	5.71936	5.71936	7.46966e-6	false	0.0999337	0.000355958
4	50	50	143.085	38	1.0e-6	100	1.0e-6	100	5.71936	5.71936	9.42497e-6	false	0.098975	0.000355958

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	50	50	143.085	50	1.0e-6	25	1.0e-6	25	0.196933	1.15522e-13	0.196933	false	0.0549958	0.000391459
4	50	50	143.085	50	1.0e-6	25	1.0e-6	50	0.107613	1.15522e-13	0.107613	false	0.0750562	0.000391459
4	50	50	143.085	50	1.0e-6	25	1.0e-6	75	0.0560179	1.15522e-13	0.0560179	false	0.093726	0.000391459
4	50	50	143.085	50	1.0e-6	25	1.0e-6	100	0.0162095	1.15522e-13	0.0162095	false	0.0661293	0.000391459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	25	0.109353	1.15522e-13	0.109353	false	0.045271	0.000391459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	50	0.0821951	1.15522e-13	0.0821951	false	0.0666692	0.000391459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	75	0.0240649	1.15522e-13	0.0240649	false	0.0842847	0.000391459
4	50	50	143.085	50	1.0e-6	50	1.0e-6	100	0.0181027	1.15522e-13	0.0181027	false	0.0947763	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	25	0.154728	1.15522e-13	0.154728	false	0.070449	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	50	0.0613284	1.15522e-13	0.0613284	false	0.102248	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	75	0.0125099	1.15522e-13	0.0125099	false	0.13405	0.000391459
4	50	50	143.085	50	1.0e-6	75	1.0e-6	100	0.00986782	1.15522e-13	0.00986782	false	0.15426	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	25	0.095626	1.15522e-13	0.095626	false	0.0966669	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	50	0.0630093	1.15522e-13	0.0630093	false	0.137699	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	75	0.0107291	1.15522e-13	0.0107291	false	0.176846	0.000391459
4	50	50	143.085	50	1.0e-6	100	1.0e-6	100	0.0255253	1.15522e-13	0.0255253	false	0.200511	0.000391459
4	50	50	143.085	13	1.0e-6	25	1.0e-6	25	30.949	30.9222	7.69809	false	1.0433	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	50	30.9276	30.9222	2.86478	false	0.0207165	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	75	30.942	30.9222	5.65479	false	0.0235616	0.590037
4	50	50	143.085	13	1.0e-6	25	1.0e-6	100	30.9245	30.9222	2.58681	false	0.00616479	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	25	30.9254	30.9222	3.06526	false	0.0173279	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	50	30.9267	30.9222	3.67108	false	0.0157255	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	75	30.9224	30.9222	0.712783	false	0.0170773	0.590037
4	50	50	143.085	13	1.0e-6	50	1.0e-6	100	30.9238	30.9222	2.15048	false	0.0140033	0.590037
4	50	50	143.085	13	1.0e-6	75	1.0e-6	25	30.9222	30.9222	0.136203	false	0.0363394	0.590037
4	50	50	143.085	13	1.0e-6	75	1.0e-6	50	30.9222	30.9222	0.229818	false	0.0235551	0.590037
4	50	50	143.085	13	1.0e-6	75	1.0e-6	75	30.9222	30.9222	0.102757	false	0.0215869	0.590037
4	50	50	143.085	13	1.0e-6	75	1.0e-6	100	30.9223	30.9222	0.297716	false	0.0244169	0.590037
4	50	50	143.085	13	1.0e-6	100	1.0e-6	25	30.9226	30.9222	1.04105	false	0.0281139	0.590037
4	50	50	143.085	13	1.0e-6	100	1.0e-6	50	30.9223	30.9222	0.297567	false	0.0262014	0.590037
4	50	50	143.085	13	1.0e-6	100	1.0e-6	75	30.9223	30.9222	0.517363	false	0.0262564	0.590037
4	50	50	143.085	13	1.0e-6	100	1.0e-6	100	30.9223	30.9222	0.292779	false	0.0271967	0.590037
4	50	50	143.085	25	1.0e-6	25	1.0e-6	25	16.8793	16.849	4.32973	false	0.0556684	0.000383167
4	50	50	143.085	25	1.0e-6	25	1.0e-6	50	16.8617	16.849	2.89823	false	0.0398203	0.000383167
4	50	50	143.085	25	1.0e-6	25	1.0e-6	75	16.8554	16.849	1.86777	false	0.0356267	0.000383167
4	50	50	143.085	25	1.0e-6	25	1.0e-6	100	16.9022	16.849	5.96258	false	0.034711	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	25	16.8497	16.849	0.683865	false	0.0869378	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	50	16.8491	16.849	0.318366	false	0.0295299	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	75	16.849	16.849	0.008054	false	0.0294081	0.000383167
4	50	50	143.085	25	1.0e-6	50	1.0e-6	100	16.849	16.849	0.0828511	false	0.0291628	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	25	16.849	16.849	0.00576949	false	0.0419995	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	50	16.849	16.849	0.0208289	false	0.043814	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	75	16.849	16.849	0.0334777	false	0.0425142	0.000383167
4	50	50	143.085	25	1.0e-6	75	1.0e-6	100	16.849	16.849	0.00360793	false	0.0430404	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	25	16.849	16.849	0.00394625	false	0.0712124	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	50	16.849	16.849	0.00353843	false	0.0990256	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	75	16.849	16.849	0.00450574	false	0.0570396	0.000383167
4	50	50	143.085	25	1.0e-6	100	1.0e-6	100	16.849	16.849	4.89634e-5	false	0.056201	0.000383167
4	50	50	143.085	38	1.0e-6	25	1.0e-6	25	5.72004	5.71936	0.120664	false	0.041437	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	50	5.71961	5.71936	0.201875	false	0.0561806	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	75	5.71944	5.71936	0.115504	false	0.0567597	0.000350667
4	50	50	143.085	38	1.0e-6	25	1.0e-6	100	5.76587	5.71936	2.81548	false	0.0574357	0.000350667
4	50	50	143.085	38	1.0e-6	50	1.0e-6	25	5.71972	5.71936	0.0772981	false	0.0557817	0.000350667
4	50	50	143.085	38	1.0e-6	50	1.0e-6	50	5.71936	5.71936	0.00222881	false	0.0483483	0.000350667
4	50	50	143.085	38	1.0e-6	50	1.0e-6	75	5.71936	5.71936	0.000997044	false	0.0506981	0.000350667
4	50	50	143.085	38	1.0e-6	50	1.0e-6	100	5.71936	5.71936	0.000239393	false	0.0516368	0.000350667
4	50	50	143.085	38	1.0e-6	75	1.0e-6	25	5.71947	5.71936	0.0397768	false	0.0512637	0.000350667
4	50	50	143.085	38	1.0e-6	75	1.0e-6	50	5.71936	5.71936	0.00020397	false	0.0730572	0.000350667

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	50	50	143.085	38	1.0e-6	75	1.0e-6	75	5.71936	5.71936	3.8782e-5	false	0.073775	0.000350667
4	50	50	143.085	38	1.0e-6	75	1.0e-6	100	5.71936	5.71936	1.42434e-5	false	0.0743939	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	25	5.7194	5.71936	0.0223564	false	0.0688128	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	50	5.71936	5.71936	0.00297081	false	0.0936488	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	75	5.71936	5.71936	8.15017e-6	false	0.0956437	0.000350667
4	50	50	143.085	38	1.0e-6	100	1.0e-6	100	5.71936	5.71936	4.99143e-6	false	0.0961242	0.000350667
4	50	50	143.085	50	1.0e-6	25	1.0e-6	25	0.169466	1.15522e-13	0.169466	false	0.0543689	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	50	0.135543	1.15522e-13	0.135543	false	0.0767992	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	75	0.0356242	1.15522e-13	0.0356242	false	0.0970982	0.00162975
4	50	50	143.085	50	1.0e-6	25	1.0e-6	100	0.0233372	1.15522e-13	0.0233372	false	0.0622977	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	25	0.105611	1.15522e-13	0.105611	false	0.0477108	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	50	0.0405923	1.15522e-13	0.0405923	false	0.0655193	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	75	0.0315828	1.15522e-13	0.0315828	false	0.0849	0.00162975
4	50	50	143.085	50	1.0e-6	50	1.0e-6	100	0.0177745	1.15522e-13	0.0177745	false	0.0944518	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	25	0.103394	1.15522e-13	0.103394	false	0.0682373	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	50	0.0905074	1.15522e-13	0.0905074	false	0.0978148	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	75	0.05864	1.15522e-13	0.05864	false	0.1289	0.00162975
4	50	50	143.085	50	1.0e-6	75	1.0e-6	100	0.012452	1.15522e-13	0.012452	false	0.138366	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	25	0.0983999	1.15522e-13	0.0983999	false	0.090917	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	50	0.0405682	1.15522e-13	0.0405682	false	0.129686	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	75	0.0231564	1.15522e-13	0.0231564	false	0.170614	0.00162975
4	50	50	143.085	50	1.0e-6	100	1.0e-6	100	0.028934	1.15522e-13	0.028934	false	0.187858	0.00162975