1	3	2	-0.05079157	8.92E-07	1.28E-05	-11.1142855
1	3	2	-1.02E-01	4.10E-06	2.91E-05	-10.7338133
1	3	2	-0.36868271	3.45E-06	4.16E-05	-10.1033554
1	3	2	-0.23547813	2.94E-05	6.57E-05	-9.95123196
1	3	2	-1.25E-01	2.65E-06	-5.02E-05	-8.54160786
1	3	2.00E+00	-0.1290762	5.94E-06	-4.12E-05	-9.16697979
1	3	2	-0.14637473	3.04E-05	0.000226766	-8.66624928
1	3	2.00E+00	-1.55E-01	1.62E-05	0.000499564	-8.4122057
1	3	2.00E+00	-8.88E-02	5.46E-06	0.000206524	-8.29149532
1	3	2	-0.09278855	4.02E-05	0.000263609	-8.60662365
1	3	2	-4.09E-01	4.41E-05	0.000221136	-8.21010303
1	3	2	-0.31591645	3.35E-05	0.000405987	-8.10827446
1	3	2	-0.21286079	2.13E-05	0.001145062	-8.96743488
1	3	2	-0.43126675	3.07E-05	0.000305933	-8.24343872
1	3	2	-0.41719463	3.25E-05	0.000817633	-7.7011199
1	3	2	-0.39331284	0.000331139	0.00053515	-7.35703039
1	3	2	-0.38761398	4.06E-05	0.000300681	-8.74384403
1	3	2	-0.19381282	0.000315527	0.000584951	-6.82903576
1	3	2	-0.16331777	0.00020708	-0.00030042	-6.90732813
1	3	2	-0.07789961	7.90E-05	0.000405559	-7.3307519
1	3	2.00E+00	-0.17710185	0.000172854	0.002262585	-8.00454521
1	3	2	-0.36536443	5.41E-05	-8.93E-05	-7.26153183
1	3	2	-0.37678748	0.000225662	0.001741586	-6.81280851
1	3	2	-0.13647683	0.000439283	0.001172752	-7.34969759
1	3	2	-0.1664201	6.09E-05	-9.86E-06	-7.44213533
1	3	2	-0.16443065	1.50E-05	0.001369913	-7.20167303
1	3	2	-0.11276713	5.50E-05	0.001177098	-7.66214418
1	3	2	-0.4023385	4.86E-05	0.000799986	-8.04218674
1	3	2	-0.31385773	4.13E-05	0.000466877	-7.48270178
1	3	2	-0.32287917	7.35E-05	0.002891742	-7.79736757
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1	3	2.00E+00	-0.26623091	2.05E-05	-0.00134214	-6.97373056
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1	3	2	-0.34066769	0.000100799	0.003922245	-7.75185251
1	3	2	-0.08353051	0.000109761	0.004269714	-7.23031569
1	3	2	-0.21056995	0.001146388	0.00113759	-5.65603685
1	3	2	-0.42326668	8.72E-05	0.002050058	-7.10982656
1	3	2	-0.14061248	0.000211303	0.001699402	-6.48422813
1	3	2.00E+00	-0.36433271	0.000524229	0.002533866	-6.24000025
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1	3	2	-0.22037883	5.38E-05	0.000983572	-6.55923033
1	3	2	-0.10599005	2.58E-05	0.003654161	-7.03588629
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1	3	2	-0.14930028	0.000780695	0.007651662	-5.8670249
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1	3	2	-0.26111963	0.000286237	0.001201701	-6.05114555
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1	3	2.00E+00	-0.41425449	0.001686538	0.029294262	-6.18413591
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1	3	2.00E+00	-4.53E-01	0.000477369	0.022687837	-5.30893469

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1	3	2	-0.41175315	-0.00668317	-0.04239926	-2.11542153
1	3	2	-0.21387468	-0.0136971	-0.01299935	-2.16822743
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1	3	2	-0.42779446	-0.00462028	0.003156756	-3.16395259
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1	3	2	-0.2786878	-0.01939575	-0.01569981	-1.88784957
1	3	2	-0.30410859	-0.02469948	-0.0167501	-2.49350619
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1	3	2	-0.39203173	-0.00038902	1.24E-05	3.205555439
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1	4	2	-0.18237308	3.15E-06	4.73E-05	-10.2027397
1	4	2	-0.41580167	6.02E-06	4.79E-05	-9.99553394
1	4	2	-0.19162329	1.62E-06	-8.38E-07	-9.94063091
1	4	2	-0.06524386	3.50E-05	6.70E-05	-9.04428864
1	4	3	-0.37759754	-2.09E-06	5.41E-05	-9.62337399
1	4	2	-0.41424546	2.61E-05	0.000131953	-8.31546116
1	4	2.00E+00	-2.41E-01	4.05E-06	0.000104558	-9.55964184
1	4	2	-0.09863011	5.86E-05	0.00015851	-8.17843533
1	4	2	-0.16310731	2.15E-05	0.000407969	-9.40246296
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1	4	2.00E+00	-7.75E-02	1.06E-05	1.29E-05	-8.47938538
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1	4	2.00E+00	-1.25E-01	6.57E-08	-0.00042049	-9.19842052
1	4	3.00E+00	-3.06E-01	6.76E-05	0.000134253	-8.98575306
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1	4	2	-1.23E-01	2.05E-05	0.001108964	-8.18882847
1	4	2	-0.23953512	0.000333611	0.00128629	-6.32265568
1	4	2	-0.21708742	2.34E-05	-0.00094841	-6.7797718
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1	4	3	-0.28744894	0.014769861	-0.00014495	-2.36710644
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1	4	2	-0.18921772	0.001724261	0.010817595	-4.57237673
1	4	3	-0.29005525	0.002493578	-0.01640843	-4.72431135
1	4	2	-0.24277857	-0.00668382	-0.06199478	-3.33088708
1	4	2	-0.12521763	-0.00251733	-0.02910971	-4.39396238
1	4	3	-0.22807521	0.00206732	0.001476185	-5.03256893
1	4	2	-0.48437497	0.00161782	0.011529194	-4.08294725
1	4	2	-0.39378393	0.008889497	0.025491325	-3.68213582
1	4	2	-0.28201252	-0.00076912	-0.02077097	-4.52987671
1	4	3	-0.29055855	0.00737607	0.010334683	-3.2745657
1	4	2	-0.23197936	0.003530191	0.106582962	-4.35101032
1	4	2	-0.38632119	-0.00138294	-0.03318494	-4.60540533
1	4	2	-0.41376486	-0.00064357	-0.08465667	-4.63868332
1	4	3	-0.3230969	0.011297863	-0.00682752	-3.27240825
1	4	3	-0.33901653	0.000563912	-0.0341988	-4.44688177
1	4	3	-0.24242976	-0.00101076	0.007066209	-3.02764702
1	4	3	-2.59E-01	-0.02036339	-0.00940988	-2.61321616
1	4	3.00E+00	-3.57E-01	0.000186939	-2.02E-06	-4.52308893
1	4	3	-0.26473013	0.001791675	0.00915797	-4.2058382
1	4	3	-0.2899352	0.002416726	0.002810294	-2.52229238
1	4	3	-0.27654269	0.001706278	0.021069797	-3.94111753
1	4	2	-0.38818493	0.003263241	0.064019784	-3.73268914
1	4	2	-0.36279166	0.001905291	0.070820533	-4.65568495
1	4	2	-0.36595032	0.002179809	0.047594015	-4.38615227
1	4	3	-0.25407487	0.00570495	-0.01794176	-3.48320174
1	4	3	-0.29512283	0.003014205	-0.02791817	-2.70734906
1	4	2	-0.25034052	0.000821315	0.003967891	-5.02558279
1	4	2	-0.46390301	-0.00109732	-0.14360608	-5.09030485

1	4	2	-0.26031068	-0.00326567	-0.05588642	-4.40135145
1	4	3	-2.85E-01	-0.00075579	0.025486382	-2.99687552
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1	4	3	-0.30612883	0.002669076	-0.0441906	-4.67983675
1	4	2	-0.30272564	0.00307796	-0.01991407	-4.0886631
1	4	2.00E+00	-1.75E-01	0.004451888	0.073358998	-4.18292379
1	4	2.00E+00	-0.44442394	-0.00278259	-0.09269305	-3.68918395
1	4	3	-0.32165328	-0.00636959	-0.03373069	-3.82032466
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1	4	3	-0.22893289	0.043262526	-0.00228809	-2.83534169
1	4	2	-0.19565894	0.010882384	0.008819945	-2.99581218
1	4	2	-4.17E-01	-0.00207069	-0.18139508	-4.27704525
1	4	2	-2.44E-01	-0.00035845	0.0566792	-3.35355949
1	4	2	-0.33922216	-0.00223349	-0.06284127	-3.57443619
1	4	2.00E+00	-0.28981635	-0.00353566	-0.01616297	-3.34527183
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1	4	2	-0.17559093	0.001491497	-0.0857889	-3.47474384
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1	4	2	-0.29631042	0.003437001	0.025064142	-3.09816074
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1	4	2.00E+00	-0.43033335	-0.00260384	-0.13113447	-3.74159074
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1	4	3	-0.24054331	0.016430007	0.022862364	-2.87598634
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1	4	2	-0.28639844	-0.00425669	-0.1760278	-3.67562938
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1	4	3	-0.27278557	-0.02185051	0.049014665	-2.95198655

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1	4	2	-0.39303628	-0.08531909	-0.02630761	-1.6723901
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1	4	3	-0.29045355	-0.1225764	-0.00741571	-1.54780734
1	4	2.00E+00	-0.31508046	-0.30972466	-0.0254077	-1.5314945
1	4	2	-0.25184536	-0.01298842	-0.02107801	-2.95082593
1	4	2	-0.24323502	-0.10403944	-0.02381631	-1.9511447
1	4	2	-0.33950427	-0.08176449	-0.00904395	-1.62732673
1	4	2	-0.43240726	-0.00553387	-0.00941481	-0.77763152
1	4	2	-0.3373569	0.003276049	0.003404526	-3.01773977
1	4	2	-0.26402268	-0.02786184	0.002313377	-2.80802488
1	4	2	-0.24810778	-0.12765646	-0.0072074	-1.21245229
1	4	2	-0.38593403	-0.22844383	-0.01924742	-1.65320647
1	4	2	-0.36941728	0.020792758	-0.00519493	-2.39568114
1	4	2	-0.23433404	-0.035833	-0.00933976	-2.24776816
1	4	2	-0.39175817	-0.28952771	-0.00370438	-1.72478628
1	4	2	-0.2807239	-0.2312126	-0.00445288	-1.26697302
1	4	3	-0.24111784	0.020579834	-0.00878978	-2.43518376
1	4	3	-0.36560181	0.006209082	-0.00744617	-2.07735825
1	4	2	-0.30935594	-0.02628828	-0.0067661	-1.59849334
1	4	3	-0.25473997	-0.27614707	-0.01457546	-1.59877062
1	4	2	-0.28865311	-0.18620251	-0.01394914	-2.10339952
1	4	2.00E+00	-4.22E-01	-0.18243746	-0.01262863	-0.94953573
1	4	2	-0.30811843	-0.0344357	-0.01311997	-2.48703671

1	4	3	-0.34695777	-0.11025848	-0.0095944	-1.36264539
1	4	2.00E+00	-3.09E-01	-0.25305417	-0.01251267	-1.03117514
1	4	2	-2.55E-01	-0.20048349	-0.00694038	-1.07537532
1	4	2	-0.306274	-0.05244216	-0.00593262	-1.63975298
1	4	3	-0.16329047	-0.20693803	-0.0063062	-0.92170918
1	4	2	-0.23735523	-0.05450483	-0.00833016	-2.21282935
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1	4	2	-0.27127942	-0.11130159	-0.01173353	-1.63855815
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1	4	2.00E+00	-0.35157809	0.012335174	-0.00089984	-2.60427642
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1	4	2	-0.3629044	-0.27588174	-0.00620469	-1.45856309
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1	4	2	-0.27562189	-0.15863292	-0.00547267	-1.5257386
1	4	2.00E+00	-2.90E-01	-0.22557673	-0.00581265	-0.06076818
1	4	3	-0.28306073	-0.19599816	-0.00553832	-1.15648317
1	4	2.00E+00	-3.19E-01	0.04602414	0.001752329	0.680260539
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2	2	2.00E+00	-0.56532574	0.000532951	-0.00143423	-1.7826786
2	2	2.00E+00	-4.60E-01	-0.00270828	-0.00681527	-1.93011594
2	2	2	-2.69E-01	0.003192625	0.001058451	-2.32191801
2	2	2	-0.68947721	0.002743897	-0.00132578	-1.29502547
2	2	2.00E+00	-0.44418034	-0.00126642	-0.00331951	-2.09762311
2	2	2	-0.39086697	-0.0002782	-0.00202253	-1.06288707
2	2	3	-0.62737167	0.008091521	0.000490375	-0.98007846

2	2	2	-9.36E-01	0.003695667	-0.00104062	-1.92108202
2	2	2	-0.5358088	-0.00200299	-0.00318998	-1.2162559
2	2	2	-0.90594357	0.005638271	-0.00110684	-0.63025731
2	2	2	-0.89976865	0.000746317	-0.00097529	-1.80059624
2	2	2	-0.51541054	-0.00449461	-0.00163268	-2.23544288
2	2	2	-8.61E-01	0.013545362	0.003563327	-0.77673239
2	2	2	-0.70677912	0.001768863	-0.00039887	-1.31892943
2	2	2	-0.36044723	0.001402535	-0.00160503	-1.08186722
2	2	3.00E+00	-0.74532878	1.11E-05	0.001053298	-1.36735177
2	2	2	-0.89349079	0.000849899	-0.00210195	-1.77656257
2	2	2	-0.81772447	0.004472604	0.000874201	-1.61702013
2	2	2	-0.46543059	0.004696842	-0.00145258	-0.72114968
2	2	2	-0.40350592	-0.00065981	-0.00071761	-1.97392881
2	2	2	-1.00785017	0.003706215	0.001061531	-1.21159625
2	2	2	-0.75951731	0.003992124	-0.0032758	-0.26428971
2	2	2	-3.65E-01	-0.00272731	-0.00334648	-1.42402673
2	2	2	-0.73564965	-0.00985662	0.001893177	-1.63206613
2	2	2	-0.79237092	0.011051499	0.002581234	-0.88308638
2	2	2	-0.44024703	-0.00253862	-0.00025549	-1.48557019
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2	2	2	-0.94953972	0.008518269	2.74E-05	-0.06942037
2	2	2	-0.7535966	-0.0071058	-0.00249565	-0.95733809
2	2	2.00E+00	-0.99416959	0.013915133	0.001455205	-0.39787662
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2	2	2.00E+00	-0.57920569	-0.00306828	-0.00214492	-1.92207193
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2	2	2	-1.0167824	-3.72E-05	-0.00102855	-0.73079264
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2	2	2	-0.43921566	-0.01265085	-7.51E-05	0.284157634
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2	2	2	-0.45120266	-0.00109439	-8.11E-05	1.737567425
2	2	2	-7.18E-01	0.005722008	0.000140144	0.014225863
2	2	2	-0.46956542	0.002127121	2.21E-05	0.645193636
2	2	3	-0.34373048	-0.01268539	9.47E-06	0.663066804
2	2	2	-0.77811813	0.003446893	-6.72E-05	-0.19783142
2	2	2.00E+00	-8.97E-01	0.001380077	-1.36E-05	1.00485301
2	2	2	-0.43488872	-0.00027694	-2.31E-05	1.359395742
2	2	2	-0.71984458	-0.00170571	-2.54E-05	1.308362007
2	2	2	-0.39952496	0.000623114	3.50E-05	1.504026413
2	2	2	-0.39995056	0.000272202	-0.00014207	2.588481665
2	2	2	-0.86679578	-0.0008189	-7.49E-05	2.257330179
2	2	3	-0.42100736	-0.00280039	-8.26E-05	1.45882535
2	2	2	-0.88402253	0.00140113	-0.0001355	1.43636775
2	2	2	-0.78271836	-0.00085653	-7.77E-05	1.382341981
2	2	3	-0.51308358	0.00092565	7.15E-05	1.691873074
2	2	2	-0.98778266	0.000412678	-4.47E-05	2.369558573
2	2	2	-0.89939141	-0.00110607	-3.30E-05	0.650129974
2	2	2.00E+00	-0.74398708	-0.00260693	-0.00010463	0.937095165
2	2	2	-0.75298381	-0.00074988	-6.02E-05	1.582149386
2	2	2	-0.41211155	-0.0010255	-6.38E-05	1.54309845
2	2	2	-0.74647456	0.000144729	-1.44E-05	0.607347429
2	2	2	-0.3196339	0.000130481	-4.40E-05	2.174146652
2	2	2.00E+00	-0.52055931	-0.00087013	-2.94E-05	2.118344545
2	2	2	-0.44675422	-0.00078988	-3.61E-06	1.713360786
2	2	2.00E+00	-0.46452117	0.003301502	-3.11E-05	-0.57246476
2	2	2	-0.82959449	0.000470692	-6.20E-05	1.576215267
2	2	3	-0.30461678	0.003638342	5.87E-05	1.360728264
2	2	2	-4.32E-01	-0.00367135	-3.09E-05	1.492585897
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2	2	2	-0.42907214	-0.00631266	-1.88E-05	0.561871827
2	2	2	-0.40883002	-0.00110176	-5.94E-05	1.750353336
2	2	2	-0.43622679	-0.00126591	-3.05E-05	1.690952063
2	2	2.00E+00	-0.76827615	-0.00013555	-3.96E-05	2.077849627
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2	2	2.00E+00	-0.4129982	-0.00012389	-2.55E-06	2.04400444
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2	2	2	-1.12733638	-0.00083175	4.35E-06	2.383705378
2	2	2	-0.9748534	0.003084431	-2.54E-05	1.683258057
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2	2	2	-0.40220475	-0.00135243	-4.71E-05	1.818264008
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2	2	2	-0.74720693	0.000451739	-4.83E-05	1.89572084
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2	2	2	-0.43652204	-0.00022925	-3.94E-05	2.238537073
2	2	3.00E+00	-0.7377643	0.000514837	1.84E-05	1.240266442
2	2	2.00E+00	-9.84E-01	0.000245989	1.04E-05	2.38219738
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2	2	2.00E+00	-0.78643858	0.001825421	-2.39E-07	1.739970446

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2	2	2.00E+00	-4.07E-01	-0.00039509	-9.45E-06	3.210261822
2	2	2	-0.80159116	0.002682028	-2.82E-05	1.124372959
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2	2	3	-3.88E-01	0.000727498	1.47E-06	3.0712502
2	2	2	-0.78087163	0.000150544	-1.54E-05	2.529242277
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2	2	2	-0.91625315	6.19E-05	-1.00E-06	4.631057739
2	2	2.00E+00	-0.78349048	-0.00014815	1.74E-06	3.73892951
2	2	3.00E+00	-0.36774263	-0.00015254	6.26E-06	2.99652648
2	2	2	-4.44E-01	-0.00063018	-1.15E-06	2.662190199
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2	2	2	-0.94796997	-4.20E-06	-1.72E-06	4.801157475
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2	2	2	-1.00644541	-7.61E-06	-1.09E-06	4.456490517
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2	3	4	-9.17E-01	2.73E-06	1.62E-05	-9.70895863
2	3	4	-0.79817206	1.22E-06	-1.28E-05	-9.55402851
2	3	4	-0.82214886	2.44E-05	2.78E-05	-8.30364132
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2	3	3	-0.35777912	-6.97E-06	-2.60E-05	-8.20590115
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2	3	4.00E+00	-8.49E-01	-2.62E-05	0.001865565	-4.68622017
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2	3	2	-0.84991753	-0.00996496	-0.00044095	-0.16673715
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2	3	2	-0.66011578	-0.01117635	0.000105588	0.496242523
2	3	2	0.314906716	-0.02507834	-4.37E-05	-0.15240437
2	3	2	-0.81610078	-0.01243171	-0.00036455	0.270470679
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2	3	2	-0.67833608	-0.00748585	-7.19E-06	0.455921173
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2	3	2.00E+00	-0.89349735	-0.00357948	8.65E-05	0.282912016
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2	3	3.00E+00	-0.68160725	-0.00367177	1.63E-05	0.422539353
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2	3	3.00E+00	-4.33E-01	0.000995712	2.32E-05	1.589686394
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2	3	2	-0.39469355	-0.00383581	1.91E-06	1.510793447
2	3	2	-0.82858986	-0.00236367	-1.63E-05	1.477258682
2	3	3	-0.55887181	-0.00092501	6.13E-05	1.271505833
2	3	3	-0.35495403	-0.00408978	1.09E-05	1.745850682
2	3	2	-0.72405279	-0.00167758	8.54E-05	1.956049681
2	3	2	-0.7620011	-0.00597296	2.06E-05	1.00867188
2	3	3	-0.76937521	-0.00289546	9.67E-06	1.844944239
2	3	2	-0.75643003	-0.00067907	3.83E-05	1.767226934
2	3	2.00E+00	-5.59E-01	-0.01779291	2.76E-05	0.525703669
2	3	3	-0.69572657	-0.00476004	4.30E-05	0.883689165
2	3	3	-0.39042646	-0.00310214	1.11E-05	2.328437805
2	3	3	-0.95170587	-0.00352526	1.10E-05	2.440939188
2	3	2	-0.67756361	-0.00058104	1.62E-05	2.013005495
2	3	3	-0.7603991	-0.00818073	-7.48E-06	0.422688425
2	3	2.00E+00	-8.17E-01	0.002166019	2.53E-05	1.031348467
2	3	2	-0.44574863	-0.00232859	-1.92E-05	1.902562857
2	3	2	-0.81975275	-0.00432243	1.26E-05	1.705137014
2	3	2	-0.66158843	-0.00131334	1.38E-05	1.688483
2	3	3	-0.6908924	-0.01288678	2.95E-06	0.586928487
2	3	2	-0.56541479	-0.00416518	4.78E-06	1.885324717
2	3	2	-0.53417933	-0.00275686	2.35E-05	2.275309324
2	3	2	-0.72110903	-0.00063341	2.12E-05	0.996196508
2	3	3	-3.54E-01	-0.00141403	-1.52E-05	1.53730917
2	3	2	-0.74734128	-0.00049632	6.84E-06	1.949924707
2	3	2	-0.79332203	-0.00312579	5.12E-06	1.050281882
2	3	3	-0.40429243	0.002689157	1.53E-05	1.923754454
2	3	2	-0.35252306	0.008925295	9.95E-06	0.608986795
2	3	3	-0.41637403	-9.69E-05	-1.94E-07	3.011113405
2	3	2	-0.83752149	-0.00496206	-7.58E-06	1.949441195
2	3	3	-4.13E-01	0.000390895	1.24E-05	3.73042798
2	3	2	-0.58384889	0.000200161	3.16E-06	4.127901077
2	3	2	-0.62745184	0.000472578	4.79E-07	3.644716978
2	3	2	-0.7375263	5.68E-05	7.94E-06	2.939608335
2	3	3	-0.33123168	-0.00028272	-1.62E-06	4.069977283
2	3	2	-0.63313901	-0.00096902	3.01E-06	2.537347078
2	4	4	-0.37401739	1.30E-07	3.04E-05	-10.7765608
2	4	4	-0.41375247	2.81E-06	4.75E-05	-9.37525177
2	4	4	-0.34430698	1.43E-05	5.77E-05	-8.56517696
2	4	4	-0.91161132	6.78E-06	-1.55E-05	-8.55020237
2	4	4	-0.83368695	3.29E-05	0.000121738	-8.0272646
2	4	4	-0.87057811	-6.66E-06	-1.78E-05	-8.49804592

2	4	4	-0.41094881	1.16E-05	0.000217288	-8.48989201
2	4	4	-0.81751239	4.47E-06	3.20E-05	-8.67990494
2	4	4	-0.76252925	4.96E-06	0.000222469	-7.70675039
2	4	4	-8.22E-01	1.20E-06	0.000207298	-8.3946228
2	4	4.00E+00	-6.95E-01	1.57E-05	0.000360325	-8.31541729
2	4	4	-0.37250102	8.58E-06	0.000234398	-7.73331356
2	4	4	-0.80512428	-4.11E-06	-0.00044311	-7.90064907
2	4	4	-1.02574468	2.19E-05	3.59E-05	-7.53632116
2	4	4	-0.60875392	6.21E-06	-0.00031738	-7.8066411
2	4	4	-1.14716756	7.29E-06	0.00017392	-7.68845415
2	4	4	-0.39969024	3.19E-05	0.000373755	-7.49256468
2	4	4	-0.74133933	1.91E-05	0.000278467	-7.69464111
2	4	4	-0.94833034	1.85E-05	0.000123672	-7.43887186
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2	4	4.00E+00	-5.51E-01	3.36E-05	0.000849255	-7.80637503
2	4	4.00E+00	-0.40816635	4.27E-05	0.000286585	-6.63439417
2	4	4	-0.66572762	2.22E-05	0.000247872	-7.2580409
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2	4	4	-0.71637934	2.31E-05	4.46E-05	-7.24338675
2	4	4	-0.40275696	2.39E-05	0.001066892	-6.94416475
2	4	4	-0.39451212	-2.25E-05	0.000110771	-7.30207586
2	4	4	-9.48E-01	1.86E-05	0.000167058	-7.36405325
2	4	4	-0.86395651	7.80E-05	0.003003285	-7.00287962
2	4	4	-0.39733863	1.35E-05	0.001553459	-7.19434118
2	4	4	-0.96220767	2.75E-05	-0.00084936	-6.6146245
2	4	4	-0.7288605	5.43E-05	0.002301631	-6.43878031
2	4	4	-0.48732978	7.18E-05	0.002685879	-6.85227585
2	4	4	-0.69409966	9.24E-07	-0.00119801	-6.66435862
2	4	4	-0.39016083	5.71E-05	0.001295102	-6.3193469
2	4	4	-8.36E-01	0.000146848	0.002202977	-5.97219706
2	4	4	-7.26E-01	2.56E-05	0.004168862	-6.71904945
2	4	4	-0.87898386	8.67E-06	-0.00021006	-5.73973513
2	4	4	-1.02094889	1.27E-06	0.00114233	-6.48537636
2	4	4	-0.43281814	0.000411315	0.002498486	-5.30624771
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2	4	4	-0.20240764	0.000126367	0.002898189	-5.22241974
2	4	4	-9.45E-01	0.000259336	0.010497742	-5.96878576
2	4	4	-0.80365741	0.000148279	0.001655775	-6.15825272
2	4	4	-8.33E-01	-6.10E-05	0.000490448	-5.94671392
2	4	4	-0.48826635	0.00040202	0.001064169	-4.94574213
2	4	4	-0.96078551	-5.59E-05	0.001463375	-4.83113813
2	4	4	-0.34204596	0.000164251	0.005108262	-5.56335878
2	4	4	-0.67404872	-4.16E-05	-0.00367279	-5.12085676
2	4	4	-0.79473591	-9.98E-05	-0.00259931	-5.67606211
2	4	4	-0.44802442	7.14E-05	7.40E-05	-6.20779753
2	4	4	-0.52875507	0.000136941	0.003740729	-5.90955877
2	4	4	-0.37075999	0.000338207	-0.00107505	-4.02527428
2	4	4.00E+00	-3.78E-01	7.84E-05	0.008248164	-5.54755688
2	4	4	-0.85560316	0.00087626	-0.00044166	-4.89324045
2	4	4.00E+00	-3.22E-01	-0.00021815	0.000582487	-4.46818876
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2	4	4.00E+00	-8.29E-01	-0.00051611	-0.00564252	-4.22555113
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2	4	4	-3.91E-01	0.012510288	0.000184418	0.306399286
2	4	4.00E+00	-0.82200187	0.0057625	-0.00077142	-0.85993004
3	2	2.00E+00	5.23E-02	4.83E-07	6.14E-06	-10.7555952
3	2	3	0.525649726	1.38E-06	-9.67E-06	-10.2129841
3	2	2	0.44100666	7.09E-06	0.000102039	-9.71282291
3	2	3	0.035325229	6.04E-06	-2.73E-05	-8.98838234
3	2	2	0.005662918	1.19E-05	5.09E-05	-9.08115864
3	2	2	0.117733538	1.23E-06	0.000111046	-9.95480061
3	2	2	0.179220378	2.98E-05	0.0002576	-8.37427425
3	2	3	0.59579885	2.66E-06	-2.17E-05	-9.99907589
3	2	2	0.278327167	4.54E-07	2.35E-05	-8.91246033
3	2	2	0.624465585	1.24E-05	0.000169005	-9.45965004
3	2	2.00E+00	0.26736635	7.73E-06	0.00039213	-9.51910686
3	2	2	1.031737447	4.57E-06	0.000296253	-9.18421459
3	2	2	0.363131285	4.16E-05	0.000715196	-7.8872695
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3	2	3	0.043034196	2.58E-06	-6.99E-06	-8.6884203
3	2	2	0.182507515	1.21E-05	0.00040873	-8.435812
3	2	2.00E+00	0.062232137	3.60E-05	0.000183272	-7.54927492
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3	2	2	0.007253826	1.41E-05	0.000367978	-8.79531097
3	2	2	0.382746935	3.41E-06	0.000105748	-9.09551144
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3	2	2.00E+00	0.051046968	-4.33E-05	-6.68E-05	-6.31740713
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3	2	2	3.27E-01	-1.61E-05	-0.00068219	-7.53711891
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3	2	2	2.32E-01	0.000142028	0.00321598	-6.80969286
3	2	2.00E+00	8.12E-02	6.76E-05	0.00258172	-7.38506937
3	2	2.00E+00	1.46E-01	0.000114851	0.002447475	-7.00372791
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3	2	3	0.571150422	-1.20E-05	0.000322605	-6.57828474
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3	2	2	0.613047004	-2.30E-05	0.000722027	-7.35735846
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3	2	2.00E+00	2.85E-01	-8.94E-05	-0.0006689	-6.67298651
3	2	3	0.175125718	0.000267786	5.29E-05	-6.3124032
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3	2	2	0.491748869	1.26E-05	-0.00099071	-7.24205399
3	2	2.00E+00	0.483944535	-5.34E-06	0.001389162	-6.97387648
3	2	2	0.108089685	5.86E-05	0.003174081	-7.45616102
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3	2	2	-0.08042753	8.28E-05	0.001128693	-5.76689482
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3	2	2	0.469549417	9.36E-05	0.005339126	-7.15980864
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3	2	2	0.024719715	-1.36E-05	-0.00120201	-6.53660536
3	2	2	0.296246886	0.00089347	0.006276378	-5.47900248
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3	2	2	0.414732218	-2.08E-05	0.000297225	-6.12611532
3	2	2	0.28039217	-1.85E-05	-0.00076185	-6.44009924
3	2	2	0.325230241	4.89E-05	0.003977427	-5.59593439
3	2	2	0.159823656	6.28E-05	-0.00191303	-6.67415953
3	2	2	6.34E-01	-0.00013928	-0.00079553	-5.58627462
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3	2	2.00E+00	0.521931171	4.83E-05	0.002480823	-6.35762072
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3	2	2.00E+00	2.62E-01	-0.00053278	-0.00755697	-5.1059103
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3	2	2.00E+00	0.644820809	1.31E-05	0.000249432	-5.99541998
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3	2	2	0.646555662	-0.00015059	-0.00506888	-5.98407936
3	2	2	0.163579285	-0.00018952	-0.00146914	-5.85941601
3	2	2	0.3643291	0.00012624	0.014725027	-5.51278687
3	2	2	0.166299701	0.001638733	0.015751161	-4.10885
3	2	2	0.327034354	-8.60E-05	0.004952705	-5.76160526
3	2	2	2.35E-01	0.000969174	0.015203839	-5.26583529
3	2	2	0.512634516	-0.0003837	-0.00443945	-3.81514454
3	2	2	0.354212224	6.59E-05	-0.00062263	-3.94656587
3	2	2.00E+00	5.33E-01	6.83E-05	0.017306916	-6.96544027
3	2	2	0.169116139	0.001448709	0.045939695	-4.933146
3	2	2	0.493518889	-0.00021463	-0.01689276	-5.50033617
3	2	2	0.267900348	1.77E-05	-0.0022818	-4.87713003
3	2	2	0.171376407	-0.00133202	-0.01976798	-4.1859436
3	2	2	0.169727325	-0.00020865	-0.00672411	-4.98685408
3	2	2	2.77E-01	0.000788462	0.011440759	-4.13843489
3	2	2	0.219857514	0.0001483	0.024758153	-6.81886578
3	2	2	0.248328447	1.92E-05	-6.81E-05	-6.00042391
3	2	3	1.334377885	-0.00159062	-0.00649069	-4.44017315
3	2	2	0.517617822	-0.00108576	-0.01889472	-4.08661079
3	2	2	0.282304168	-0.00013628	-0.00901363	-4.57409096
3	2	2	0.232481599	0.003349342	0.011933802	-4.34465504
3	2	4	-0.1264292	-0.00325051	-0.02240078	-4.01222658
3	2	2	4.90E-01	0.0003599	0.00180617	-3.51122785
3	2	2	0.487045646	-0.00059432	0.009815158	-3.60452199
3	2	4.00E+00	0.141563118	0.000800118	-0.01559381	-4.98738623
3	2	2	0.559120536	-0.00093968	-0.01241509	-4.48698568
3	2	2.00E+00	0.170108199	-0.00011763	0.004835391	-5.03217268

3	2	2	0.083534896	0.000417522	0.005625058	-4.68782616
3	2	2	1.70E-01	0.001476709	0.039297789	-4.69278479
3	2	2.00E+00	2.44E-01	-4.49E-05	-0.01227682	-5.64188194
3	2	2	0.122486413	-0.00345645	-0.04537473	-3.71704149
3	2	4	1.62E-01	0.000595433	-0.00932807	-4.94020319
3	2	2	0.029678702	-0.00011569	-0.00762406	-4.30297279
3	2	2	0.103332043	-0.00047265	-0.01640016	-4.55546331
3	2	3	0.213751197	0.000461267	0.009289896	-4.83024693
3	2	2	0.191057086	-0.00120139	-0.02813342	-4.60761213
3	2	4	0.275785804	1.07E-05	0.044953223	-5.43444109
3	2	2	0.617888391	-0.00020649	-0.01071292	-5.57313299
3	2	4	0.090572476	0.000908063	-0.00459163	-4.88579512
3	2	4	0.071156621	0.002146144	0.01940163	-3.60478449
3	2	2.00E+00	-0.09972429	-0.00195906	-0.02147795	-3.79610801
3	2	2	0.211373687	0.000430975	0.007740297	-5.33707094
3	2	2	-0.00024545	0.000359512	0.029298663	-4.86909389
3	2	2	0.372178614	-0.00386573	-0.02432805	-3.82681847
3	2	2	-0.13599455	-0.00108573	-0.0084056	-3.34206939
3	2	2	0.523828626	-0.00221008	-0.04402797	-4.67482042
3	2	3	0.105853736	0.002679822	-0.00603052	-3.90747619
3	2	2	0.118648827	0.001982657	0.078422204	-4.41248751
3	2	4	-0.13323653	-0.00014723	0.050495576	-4.72394323
3	2	2	0.326957703	-0.00102486	-0.04296891	-4.60228825
3	2	3	0.111448765	-0.00024555	-0.0358821	-4.0845952
3	2	3	0.102156818	-0.0009886	0.003002065	-4.21103621
3	2	2	0.069273174	2.78E-05	-0.0105703	-4.3426156
3	2	2	0.190846086	-0.00036848	-0.02079404	-5.34347677
3	2	2	0.336989641	-0.00176415	-0.03580745	-4.11447668
3	2	2.00E+00	2.30E-01	0.000458794	0.004160651	-3.90122175
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3	2	2.00E+00	0.126369596	0.000224636	-0.00071711	-4.59598112
3	2	3.00E+00	1.25E-01	-0.00173453	0.002900807	-3.42594981
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3	2	2	0.207105398	-0.00072333	-0.04605811	-4.90123129
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3	2	2	5.42E-01	-0.01166646	-0.02974437	-2.66680813
3	2	2	0.364903748	-0.001468	-0.03337609	-4.27462816
3	2	2.00E+00	-1.13E-01	-0.00959299	-0.06733643	-2.96947789
3	2	4	0.140002608	0.002005749	0.000983674	-4.5363121
3	2	4	0.148154974	0.001621398	-0.0575458	-4.50326109
3	2	4	0.171262503	0.000371637	0.077927567	-4.69931555
3	2	3	0.089564681	0.000212316	0.013571	-4.83448172
3	2	2	-0.02762353	-0.0028226	-0.07148691	-3.86503291
3	2	2	0.098071575	-0.00342584	-0.03898634	-3.48502612
3	2	2	0.218928635	-0.00280663	-0.03633653	-3.84763098
3	2	2	0.796925902	-0.00116278	-0.0596366	-4.89451265
3	2	2	0.177816033	-0.00447637	-0.08173984	-3.57244849
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3	2	2	0.105001688	-0.00210834	-0.02179046	-3.31790757
3	2	2.00E+00	0.27347815	-0.00249071	-0.05593494	-3.68742013

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3	2	3	0.416275203	-0.00094479	-0.0045104	-3.76287198
3	2	2	0.21361059	-0.00213707	-0.07679861	-4.41540003
3	2	3	0.52570641	-6.23E-05	0.015255065	-4.78260422
3	2	2	0.243461251	-0.00317259	-0.08689414	-3.82605767
3	2	2	0.209982753	-0.00266475	-0.06882603	-3.93516517
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3	2	2	0.38560158	-0.00311369	-0.09329805	-3.86752486
3	2	4.00E+00	0.211726964	-0.01362817	-0.06196364	-3.01644564
3	2	2	4.69E-01	-0.00065945	-0.05027899	-4.95281076
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3	2	4	0.237686753	-0.00900413	0.01948175	-3.22587085
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3	2	2.00E+00	0.134876728	-0.0008069	-0.03780218	-3.76919174
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3	2	2	0.043111324	-0.01214761	-0.07553856	-3.14000583
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3	2	2	0.568223596	-0.00600006	-0.03934512	-3.07064843
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3	2	2.00E+00	4.87E-01	-0.00020614	-0.00839292	-4.09038687
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3	2	2.00E+00	6.21E-03	-0.0095489	-0.08809183	-2.91167164
3	2	4	0.252079844	1.05E-05	-0.0217276	-3.54082322
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3	2	2	0.350715876	0.002883224	0.032289017	-3.36253953
3	2	2	0.326915145	-0.00729611	-0.02693719	-1.98200834
3	2	3	0.078322291	0.003613274	-0.00725622	-3.09145474
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3	2	2.00E+00	0.611034274	0.006571076	0.057428673	-1.64749694
3	2	2	0.235953093	0.009644658	-0.00735727	-2.29687858
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3	2	4.00E+00	0.161734819	-0.03162467	-0.005608	-1.28733921
3	2	3	0.062940955	-0.11313539	0.000594191	-0.92146492
3	2	2	0.098286033	0.011009283	-0.00526855	-0.77262646
3	2	2	0.134028554	0.016244551	0.000556103	-1.31320071
3	2	4	0.190605521	-0.02384002	-0.00144625	-0.94344705
3	2	4	0.306890965	0.018645128	-0.00205441	0.163735896
3	2	4	0.129820943	0.028425859	0.002484647	-0.44058025
3	2	4	0.280702949	0.007448646	-4.08E-05	0.249612689
3	2	4	0.48301208	-0.00581883	0.001152263	0.284405768
3	2	2.00E+00	2.45E-01	0.015915122	0.004206457	-1.05190516
3	2	4	0.084372044	-0.00342147	9.04E-05	0.250819921
3	2	4	0.220851719	0.001245679	0.001368699	-0.66931176

3	2	4	-1.56E-03	-0.02008651	0.000504368	-0.03676155
3	2	4.00E+00	2.59E-01	-0.05451484	0.001899851	0.29243356
3	2	4	0.156952024	0.007060767	0.001824222	-1.87999594
3	2	4	0.081989169	0.017121449	0.001632837	-0.42358869
3	2	4	1.07E-01	-0.01128077	-0.00115792	-1.43481779
3	2	4	3.18E-02	0.00243422	0.000584459	0.746950924
3	2	2	0.116674662	0.020456055	-0.00162333	-0.88444829
3	2	4.00E+00	0.208852053	0.015827352	-0.00079777	-0.36877188
3	2	4	0.173949897	-0.01813276	0.00078517	0.160430312
3	2	4	0.114096284	0.007660425	0.000673589	-0.0958107
3	2	4	0.240443349	-0.00417049	0.000747277	1.686590791
3	2	4	0.015762508	0.029166168	-5.18E-05	-0.1452314
3	2	4	0.056892455	-0.01683838	0.00081833	0.433427989
3	2	3	0.475929379	0.088767156	0.000103593	0.225597501
3	2	4	0.42933023	-0.02079554	-0.00095814	-0.55621189
3	2	4	-0.00049675	0.024986779	-7.71E-06	1.281642199
3	2	4	0.09835732	-0.01070043	0.000315339	1.808178782
3	2	4	0.127340972	-0.00019803	0.000197688	1.695806503
3	2	4.00E+00	0.058505356	0.008661413	5.70E-05	2.008809328
3	2	2.00E+00	5.99E-01	-0.00368752	-3.92E-06	1.90605998
3	2	4	3.57E-01	0.014024877	-6.78E-05	0.833132625
3	2	4	0.140945673	-0.00115979	5.29E-05	3.197293997
3	3	3	-0.09681642	-9.25E-07	5.31E-06	-10.7496748
3	3	3	-0.06940281	-2.75E-06	-1.47E-05	-9.19219685
3	3	3	-0.02264786	-1.82E-05	-6.60E-05	-8.04943275
3	3	3	-0.00512099	5.73E-06	0.00012529	-8.88440323
3	3	3.00E+00	0.081519246	1.14E-06	-8.01E-05	-8.8595562
3	3	3	0.192558885	-1.00E-06	-0.00039671	-8.24920177
3	3	2	-0.00857985	1.24E-05	3.13E-05	-8.8732481
3	3	3	0.26407522	2.96E-05	2.93E-06	-8.09209824
3	3	3	0.495127857	-2.38E-07	-0.00021117	-7.5552969
3	3	3	0.038259983	-2.43E-06	2.09E-05	-8.53477573
3	3	3	5.45E-01	3.07E-06	6.09E-06	-7.40813541
3	3	3	0.169491053	5.36E-05	-0.00061243	-7.67987442
3	3	3	0.120795012	1.98E-05	-0.00012208	-7.67031288
3	3	3	9.89E-05	-2.59E-05	-0.0007091	-7.20982218
3	3	3	0.092915773	3.02E-05	-0.00024691	-6.37308359
3	3	3.00E+00	2.69E-02	1.34E-05	-4.29E-05	-7.75820398
3	3	3	2.13E-01	7.14E-05	0.000789101	-6.72011375
3	3	4	1.45E-01	9.50E-05	0.002748081	-6.8088975
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3	3	3	0.096390963	0.000103383	2.60E-05	-6.72270632
3	3	3	0.040428162	0.000122933	0.000271675	-5.38009214
3	3	3	0.204128444	8.74E-05	0.001220563	-6.4169035
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3	3	3	0.110026717	5.01E-05	0.0057202	-5.73566341
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3	3	3.00E+00	1.03E-01	0.000740305	0.008184112	-4.29157591
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3	3	4	0.238335311	0.002882447	0.092837401	-3.76951122
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3	3	2.00E+00	0.132672191	0.022026738	-0.00041839	-1.21001935
3	3	2	1.04E-01	0.014277394	-0.00070938	-1.07258332
3	3	2	0.056177855	-0.02024291	-0.00055721	-1.45201325
3	3	2	0.142168224	-0.07473192	0.000169875	-0.75705016
3	3	3	0.234483957	0.215066269	0.0013465	-1.41893435
3	3	2.00E+00	0.261378169	0.017681025	-0.00222308	-1.37792909
3	3	2	0.12293005	0.068663113	0.000982439	-1.08414292
3	3	3	0.228801787	-0.051328	-0.00112474	-1.92306447
3	3	3	0.14962554	0.129835397	0.000796172	-0.59218735
3	3	2.00E+00	0.018293679	-0.05267809	0.001380795	0.822403073
3	3	2	0.265371084	-0.01917465	-0.00096158	-1.33088946
3	3	4.00E+00	1.79E-02	-0.02014835	-0.00137054	-1.11909151
3	3	4.00E+00	1.95E-01	0.006516022	-0.00106981	0.029109113
3	3	4	0.090012312	0.044721909	-0.0001044	-0.20712765
3	3	2	0.061708629	0.06071968	0.001256736	-1.4113127
3	3	3	0.107771695	-0.00957863	0.000883492	-1.08492517
3	3	3	0.287289023	0.09012346	0.000998592	-1.26107645
3	3	4	0.148380876	0.023767637	0.00167998	-1.45042312
3	3	3	9.42E-02	0.009227629	0.000493865	-1.9623003
3	3	2	0.384638965	-0.08381046	-0.00194515	0.066868626
3	3	4	-4.75E-02	-0.00567412	0.000416414	-0.06897938
3	3	2	1.07E-01	0.110518783	0.000866056	-0.50034511
3	3	2	0.298786461	0.126364157	0.000593823	-0.09005834
3	3	3	0.270415664	0.11439383	2.35E-05	-1.44279659
3	3	4	2.71E-01	-0.00367174	0.002499621	0.32405746
3	3	4	-0.0349139	-0.01517848	0.000508708	0.847575545
3	3	4	0.21320802	-0.00130095	0.000385545	1.271815777
3	3	2	3.74E-01	-0.03351947	-0.00032791	1.299388766
3	3	4	0.032941341	-0.00968393	0.000595336	1.481665373
3	3	4.00E+00	0.006833434	0.007972337	8.08E-05	0.852473974
3	3	2	0.283558607	-0.03001237	-2.02E-05	1.377978206
3	3	4	-2.41E-02	-0.0012336	0.000193381	1.253385305
3	3	4	-0.078462	0.000762372	3.36E-05	3.096870899
3	3	2	0.31871748	-0.00465593	7.94E-06	2.436536074
3	4	4	0.081511736	-1.54E-05	0.002564529	-7.21695757
3	4	4	9.11E-02	0.000997991	0.031543113	-5.12107992
3	4	4.00E+00	2.26E-01	0.000249348	-0.00204032	-4.24885511
3	4	4	3.04E-01	0.000356313	0.019694136	-5.01790524
3	4	4	0.194448829	-0.00081381	0.017854573	-4.83786917
3	4	4	0.201468349	-0.00244711	-0.03163827	-3.62398291
3	4	4	2.02E-01	0.001288604	0.010575872	-4.09515572
3	4	4.00E+00	6.95E-03	0.002590663	0.044890862	-4.00403547
3	4	4.00E+00	2.00E-01	0.001042393	0.004630537	-4.4962759
3	4	4	0.139447927	-0.00078982	-0.03981773	-4.31148386
3	4	4	0.085173905	-0.00206861	-0.0362043	-3.75473523
3	4	4	0.03287077	0.001326319	0.042555809	-4.13782549
3	4	4	0.357814491	0.000420027	0.001777777	-4.05722475
3	4	4	0.390000522	-0.02745559	0.097965993	-2.14915276
3	4	4	1.50E-01	-0.00046283	0.050541341	-4.04386663

3	4	4	0.286168635	-0.01093042	-0.01403727	-3.96547103
3	4	4	0.243235111	0.007832702	0.016108289	-2.88285279
3	4	4.00E+00	0.24712503	-0.00170888	-0.0271018	-3.22747874
3	4	4.00E+00	0.191395402	0.003808931	-0.02350766	-3.61985898
3	4	4	0.156538367	-0.00312823	-0.0489994	-3.60609746
3	4	4	3.60E-01	-0.00807834	0.015959151	-3.33093429
3	4	4	2.17E-01	-0.0028339	-0.0102052	-4.04078007
3	4	4	0.028806806	-0.00027176	0.003538524	-2.47277904
3	4	4	0.189345777	6.80E-05	-0.01248744	-3.90228367
3	4	4.00E+00	0.420013189	-0.00750921	-0.02871915	-2.81691551
3	4	4	0.143620014	0.000118128	-0.02709859	-4.17542124
3	4	4	0.472596347	-0.002139	0.015377228	-2.88090658
3	4	4.00E+00	3.06E-01	-0.00026331	-0.03451753	-4.77311563
3	4	4	0.246818483	0.000282056	0.006491554	-4.23818779
3	4	4	-0.00931573	-0.00185296	-0.0257999	-3.16059566
3	4	4	0.141663849	-0.00899406	-0.05725561	-3.94002724
3	4	4	0.023061752	0.000162638	-0.00338158	-3.76493287
3	4	4	2.62E-01	0.00283523	0.000757212	-2.94823623
3	4	4.00E+00	0.190440655	0.001123197	-0.03805655	-4.49852419
3	4	4	0.181237221	-0.0015142	-0.024572	-2.9772594
3	4	4	-0.01465225	0.0103367	0.00675828	-2.07217026
3	4	4	0.034931004	-0.00384663	-0.06075078	-4.01047516
3	4	4	0.203839064	9.03E-05	0.004134831	-4.13192606
3	4	4	9.51E-02	-0.00365596	-0.02265953	-3.65351796
3	4	4	0.459620237	0.000758176	-0.02851728	-3.09049869
3	4	4	0.447197378	-0.00517753	-0.02841847	-1.47355652
3	4	4	0.287963271	0.000466772	-0.02519825	-3.65543771
3	4	4	0.377479672	-0.00267606	-0.03733869	-3.99077916
3	4	4	0.102170229	-0.00131238	-0.02118831	-2.87245846
3	4	4	0.205497503	-0.00447185	-0.035437	-3.12035656
3	4	4	0.108345032	-0.0001876	-0.04133917	-3.09424925
3	4	4	0.190419197	-0.00162854	0.016107406	-3.15911889
3	4	4	5.19E-05	-0.00641933	-0.01877656	-1.9543494
3	4	4	0.106286168	-0.04820505	-0.02056912	-2.59858298
3	4	4	0.127022445	-0.00337555	-0.01611887	-3.16516757
3	4	4	0.594912231	0.001178916	-0.01599215	-2.39400458
3	4	4	0.166448951	0.002990728	-0.01728715	-3.19039893
3	4	4.00E+00	-0.06643283	-0.0054938	-0.01183226	-2.19985151
3	4	4	4.26E-03	-0.02150561	-0.0145236	-1.88216746
3	4	4.00E+00	2.11E-01	-0.00212704	-0.02006982	-3.22289395
3	4	3	0.132467985	-0.05991579	0.006542715	-1.48528898
3	4	3	-0.01806962	0.014928429	0.007673517	-2.08146191
3	4	4	0.140352845	0.010472809	-0.02928026	-1.74374914
3	4	2	0.110867739	-0.01992997	-0.01211992	-1.81955194
3	4	4	0.150127709	-0.01763643	-0.00474672	-1.98630464
3	4	2	8.92E-02	-0.00677261	0.002844304	-1.58175683
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3	4	3	-0.00426626	-0.01232747	0.002444788	-1.91921473
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3	4	2	0.22256434	0.016800243	0.005272194	-0.61219937
3	4	4.00E+00	0.306639194	0.002044694	-0.01087584	-2.45936847
3	4	4	1.35E-01	0.033635955	-0.01184247	-0.55436683
3	4	4	1.83E-01	-0.03679445	-0.02095252	-2.16225195

3	4	4	9.13E-02	0.000183508	-0.00761286	-1.16066194
3	4	4	0.109654784	-0.03365072	0.012025052	-1.59320056
3	4	4	0.231972635	-0.00612426	-0.00880389	-1.13554883
3	4	2	0.112969339	0.029644236	0.003898646	-0.73137951
3	4	2	0.042028069	-0.05438788	4.24E-05	-0.32293454
3	4	3	3.89E-01	-0.02377814	0.001388945	-1.90564156
3	4	4.00E+00	0.107560277	0.015125378	0.013681671	-1.0792793
3	4	4	0.355257869	-0.01509484	-0.00167283	-1.90727758
3	4	4	-0.05953228	0.007572643	-0.0004301	-1.03604317
3	4	2	-0.02400541	0.040747348	0.002661064	-0.54704344
3	4	2	0.568494856	0.008802309	-0.00152008	-2.07456136
3	4	2	0.137930751	-0.0905317	0.000677964	-1.19785118
3	4	4	0.045857251	-0.00819425	-0.0031557	-1.22170174
3	4	2	1.68E-01	-0.01219393	-0.00514299	-0.76139605
3	4	4	0.509869576	0.010035472	0.00183671	-1.77809513
3	4	4	0.209367096	-0.0142191	-0.00607857	-2.09694362
3	4	2	0.042080641	0.045365438	-0.00186888	-1.02421677
3	4	4	0.139051795	-0.00544299	-0.0041841	-1.18844235
3	4	4	0.212294936	0.005790609	0.000533854	-1.33115792
3	4	4.00E+00	0.215041399	0.014625832	-0.00140881	-1.48434281
3	4	4	0.082790315	-0.01945816	0.003363326	-0.8440094
3	4	4.00E+00	0.01866895	-0.00073721	0.001849389	-0.80979335
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3	4	3	0.014368117	0.017723577	0.002509163	-0.34964326
3	4	4	3.99E-01	0.009403883	0.001392817	-0.19764447
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3	4	4	0.272817731	-0.02455584	-0.00148961	-1.43496323
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3	4	4	-0.15637243	-0.00935434	0.000835346	-0.91211367
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3	4	4	0.486606181	-0.00722701	0.000353975	-1.41938257
3	4	3	0.140033245	-0.01390948	0.000186627	-1.72401023
3	4	2.00E+00	-9.44E-03	-0.01955067	0.001147948	-0.37811944
3	4	4	0.326299191	-0.0118485	-0.00121414	-2.12491798
3	4	2	0.091896832	0.058866475	-0.00042917	-0.30902937
3	4	2	0.037880361	0.005937749	0.000234818	-0.43013567
3	4	2	0.09262991	-0.04104444	0.004592677	-0.60319412
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3	4	4	-0.02784288	-0.00266231	-0.0022185	-2.06772232
3	4	2.00E+00	-0.0731529	0.003271681	0.000271543	-0.89678788
3	4	2	0.043194652	0.053845327	0.003766762	-1.04248941
3	4	2.00E+00	0.199866176	0.012887402	-0.00059274	0.467068911
3	4	2.00E+00	0.146333098	-0.00393244	0.001120061	0.665134013
3	4	2	0.623361766	0.014486321	0.003613772	-0.26265341
3	4	4	3.05E-01	0.067551166	0.010174297	-1.43409348
3	4	3.00E+00	2.20E-01	0.060509056	0.000199338	-0.62312651
3	4	3	0.189421177	0.002042061	0.002760867	0.110989802
3	4	2	0.023082554	0.002601319	0.000955707	0.071511231
3	4	4	0.139642	-0.01327428	-0.00105174	-0.06978911
3	4	2	0.230858386	0.005762999	0.000721707	-0.6232549
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3	4	2	0.380362034	-0.00193915	0.001721714	-1.05845678
3	4	2	0.004716933	-0.0025016	2.32E-05	-1.14203131
3	4	2	-0.03494143	-0.00777849	0.001153743	0.067886002
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3	4	3	0.985988438	-0.01241388	0.001122835	0.131611973
3	4	4	0.17459476	0.020956742	-0.00346621	-0.56304669
3	4	4	0.03273952	0.041416749	-0.00047919	-0.35661954
3	4	3	0.622108638	0.003709498	0.002429957	0.356277853
3	4	3	0.305629373	-0.00584633	0.002750722	1.12940526
3	4	2	0.11751771	0.006260245	0.001798477	0.704669476
3	4	4	-0.01006544	-0.01760152	-0.00040445	-0.51361579
3	4	4	0.312198758	-0.02707634	-0.00200807	-1.12793803
3	4	4.00E+00	0.390902698	0.009084073	0.001493267	-0.21300611
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3	4	3	0.147232056	0.013018084	0.001702634	-0.05863069
3	4	3	0.154495478	-0.01482734	0.001072106	-0.90871447
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3	4	2.00E+00	0.113841295	0.019664008	0.00069443	0.472076893
3	4	3	0.152480125	0.015328947	-0.00031419	-0.6887126
3	4	2	2.17E-01	0.008058548	0.000380864	-0.50317949
3	4	4	0.053210914	0.012243637	0.000321982	-0.22629377
3	4	2	0.003151476	0.013177162	-0.00061353	0.138823479
3	4	2.00E+00	-3.98E-02	0.002652999	0.002265243	0.609009981
3	4	3	0.024572253	-0.00839001	0.001220091	0.015807927
3	4	3	0.033574939	0.006615292	0.00069052	-0.23243579
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3	4	2	0.128386736	0.016793419	0.002013553	1.286013842
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3	4	2	0.299915195	-0.02850532	0.000598144	-0.61534989
3	4	2	0.460481524	-0.00842029	5.22E-05	0.913489044
3	4	4	0.209391594	0.017067062	0.000479355	1.691017866
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3	4	4.00E+00	8.21E-02	0.009809845	0.000678176	0.862653255
3	4	2.00E+00	4.48E-01	0.004564282	0.000843015	1.736787796
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3	4	2	4.87E-01	-0.00537028	0.000796118	0.547746956
3	4	3	0.151093662	-0.00667235	0.000564023	0.281593502

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3	4	2.00E+00	0.21800971	-0.00378137	0.000383169	0.352913558
3	4	2.00E+00	0.12212038	-0.01352897	0.000347101	0.272816986
3	4	4.00E+00	0.003465295	0.047249526	0.000728896	0.178883135
3	4	3	0.578744471	0.015716022	0.000685097	1.25056839
3	4	3	0.210261464	-0.02162563	0.000391034	1.040904403
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3	4	2	0.063322186	0.007394124	0.000245941	1.049392819
3	4	4	-0.09294975	-0.00109365	0.000467886	1.161573648
3	4	3.00E+00	0.106371403	0.035330832	3.49E-05	0.150981665
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3	4	4.00E+00	6.96E-02	0.002289932	0.000388157	1.728471041
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3	4	4	-0.05531836	0.016450178	0.000456928	0.22015807
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3	4	2	4.87E-02	0.052572399	-1.41E-05	0.879376888
3	4	3.00E+00	0.290994406	0.001534787	2.25E-05	1.693388224
3	4	2	0.161715746	0.009350316	0.000135091	1.566436291
3	4	3	0.253229141	0.032914232	0.000115109	-0.11600814
3	4	3	0.086333334	0.003550087	3.75E-05	2.404419661
3	4	3	0.156051755	-0.00482024	0.000125595	2.033667326
3	4	2	0.052504539	-0.00350281	8.85E-05	2.014951706
3	4	2	0.154374361	-0.01312553	-1.01E-05	1.839560747
3	4	2	-0.02989733	-0.01882429	3.95E-06	1.534232378
3	4	4.00E+00	0.042753398	0.000225163	0.000143372	2.569144726
3	4	4	0.189453006	0.001981375	8.36E-05	1.505953312
3	4	2	0.00859195	0.00213566	4.46E-05	2.338230371
3	4	4	0.028580427	0.008805912	7.32E-05	1.955167055
3	4	3	0.173247457	-0.01019477	5.97E-05	2.091770887
3	4	3	0.414104104	-0.00023643	5.29E-05	2.801639318
3	4	2.00E+00	0.022481561	0.002729104	6.58E-05	3.009450674
3	4	2	-0.08598137	0.00066303	5.80E-05	3.310084105
3	4	4	0.407503366	0.006984214	4.20E-05	2.500147104
3	4	2	0.18831265	0.001514206	6.09E-05	2.950786352
3	4	2	-0.07066298	-0.01004141	4.25E-05	1.811917067
3	4	2	9.89E-02	0.001744848	2.82E-05	2.621463537
3	4	2	0.241821408	-0.00593096	3.33E-05	2.228856802
3	4	2	5.42E-01	-0.00301871	2.39E-05	2.987170935
3	4	4	0.04561913	0.00107486	9.94E-06	3.586765051
3	4	4	0.093473196	-0.00027597	2.47E-05	3.663075209
3	4	2	-0.01420808	-0.000176	2.23E-06	4.2136693
3	4	3.00E+00	6.03E-01	0.000206391	7.98E-06	4.625098228
4	2	3.00E+00	-0.3796384	-4.44E-07	-3.24E-05	-10.2576189
4	2	3	-3.92E-01	1.32E-05	0.000125933	-9.72447681
4	2	2	-0.40862021	2.54E-05	8.45E-05	-8.77798367
4	2	3	-0.35461083	1.86E-05	-0.00014531	-9.43970299
4	2	2	-0.28505638	0.000264501	0.000723984	-7.46532679
4	2	2	-0.33488348	6.04E-05	6.33E-05	-8.04798412
4	2	2	-0.44487867	1.36E-05	0.000509484	-9.12097073

4	2	2.00E+00	-3.77E-01	4.87E-05	-6.43E-06	-6.90148163
4	2	2	-0.34080562	-7.75E-06	0.000308224	-8.09228802
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4	2	3	-0.38066131	5.29E-05	-0.00037986	-7.82487345
4	2	2	-0.34657905	4.45E-05	-0.00043399	-7.55149794
4	2	2.00E+00	-2.78E-01	5.39E-05	0.000340534	-7.91411066
4	2	3	-3.70E-01	6.49E-05	-0.00022551	-8.03232861
4	2	2	-0.40652502	0.000104243	0.001313027	-7.6953826
4	2	2.00E+00	-0.40530625	0.00018238	0.000658446	-7.37566233
4	2	2	-0.3643482	9.69E-06	-0.00012232	-7.60515881
4	2	2	-0.39072356	0.000147798	0.000813351	-7.32628012
4	2	2	-0.40415636	6.81E-05	0.000702531	-8.02966118
4	2	3	-0.38490438	7.51E-05	-0.00146037	-7.90443373
4	2	2	-0.32426807	4.47E-05	0.000569376	-7.62565088
4	2	3.00E+00	-3.68E-01	-6.09E-06	-0.00044903	-7.11984921
4	2	2	-0.32110366	0.000184714	0.002106504	-7.58641338
4	2	2	-0.43166175	6.18E-05	0.001436408	-7.66293097
4	2	2	-3.46E-01	0.000105311	0.000657083	-7.32395601
4	2	2.00E+00	-0.40768406	0.000112105	0.002450784	-7.18350744
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4	2	2	-0.33501217	0.000785587	0.002303827	-5.52430296
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4	2	2.00E+00	-4.17E-01	0.000210339	0.00273428	-6.15165472
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4	2	3.00E+00	-3.89E-01	0.000409133	0.00056582	-5.60189581
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4	2	3	-0.41973332	-0.0858639	-0.06259057	-2.36790395
4	2	2	-0.3470014	-0.00304588	-0.10071174	-3.106323
4	2	2	-0.38560161	-0.00699722	-0.14028025	-3.79926991
4	2	2	-0.42978287	0.00113791	0.00325157	-3.4318018
4	2	2	-0.38230729	0.000638439	-0.02043559	-3.01854134
4	2	2	-0.48557758	-0.00171682	-0.0850365	-3.948349
4	2	2	-0.36793962	-0.00899375	-0.18637316	-3.18906403
4	2	2.00E+00	-0.45650351	-0.02117675	-0.17537607	-2.76017976
4	2	2	-0.43998173	-0.00574669	-0.09865557	-3.1546042
4	2	2	-0.36447045	-0.03508875	-0.16820221	-2.64485526
4	2	2	-3.50E-01	-0.01054646	-0.17611551	-2.42127943
4	2	3	-0.37079874	0.023559151	-0.03763476	-3.08610225
4	2	3	-0.40600172	0.013268745	-0.10033394	-3.77693224
4	2	2.00E+00	-4.21E-01	-0.00427963	-0.141844	-3.94383168
4	2	3	-0.35109511	-0.01713371	-0.05432775	-2.41836357
4	2	2	-0.39773819	-0.04818133	-0.19217011	-2.28915405
4	2	2.00E+00	-0.3811917	-0.01726688	-0.10335928	-1.97085953
4	2	2	-0.42358831	-0.00115185	-0.08379556	-2.94188619

4	2	2	-0.39356467	-0.00686192	-0.17124239	-3.80050683
4	2	3	-0.40613392	0.007863652	-0.00668689	-3.08341861
4	2	2	-3.43E-01	-0.00703318	-0.07718015	-3.28721666
4	2	2	-0.42592457	-0.00777944	-0.11180689	-2.47687888
4	2	2	-0.40009513	-0.00626554	-0.06310932	-2.76530886
4	2	2.00E+00	-0.26335022	-0.01399323	-0.06255267	-4.09744692
4	2	3.00E+00	-3.94E-01	0.0357484	-0.00450587	-2.84737587
4	2	2	-2.42E-01	-0.00622488	-0.06066157	-3.46444583
4	2	2.00E+00	-1.83E-01	-0.01376951	-0.1269412	-3.22747684
4	2	2.00E+00	-4.45E-01	0.000621309	-0.05620754	-2.93609238
4	2	2	-0.40532839	-0.01145412	-0.0266129	-2.26761293
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4	2	2	-0.44478878	-0.00822998	-0.13831311	-3.27877879
4	2	2	-0.40200809	-0.01436108	-0.20143372	-2.762748
4	2	3	-0.25955674	0.010966478	-0.02604106	-2.96244717
4	2	2	-0.46259847	-0.00612968	-0.15096745	-3.84903884
4	2	2	-0.40745452	-0.01069001	-0.1128327	-2.28436589
4	2	2	-0.44860581	-0.01202069	-0.10278963	-3.18037796
4	2	2	-0.46130535	-0.01280474	-0.10505111	-3.47371721
4	2	3	-0.34892488	-0.01351064	-0.00941763	-2.127877
4	2	4.00E+00	-7.50E-02	-0.03333767	-0.00205566	-1.89689422
4	2	2	-0.41882885	-0.01270514	-0.03160032	-1.79349005
4	2	2	-0.38106915	-0.00723702	-0.08935073	-1.86741972
4	2	2	-0.39109018	-0.04402065	-0.0392563	-2.5217483
4	2	3.00E+00	-0.40783384	0.031296898	-0.02209465	-2.94937015
4	2	3	-0.34106237	0.023730794	-0.01738537	-2.76232886
4	2	2.00E+00	-4.93E-01	-0.00928964	-0.09945878	-3.30647302
4	2	4	-0.02707493	-0.01284082	-0.03132853	-1.62779093
4	2	2	-0.33559266	-0.00408845	-0.1011953	-3.94905519
4	2	2	-4.26E-01	-0.0377892	-0.09086929	-2.4232738
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4	2	2.00E+00	-0.41467169	-0.00283208	-0.09483729	-3.74799228
4	2	3	-0.34033647	0.012115958	-0.02072261	-4.12335825
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4	2	2	-0.45673928	-0.02042051	-0.07756557	-3.01983452
4	2	2	-0.45520565	-0.00469901	-0.05119447	-3.23536444
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4	2	2.00E+00	-0.23493065	-0.01358107	-0.03223985	-2.07419682
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4	2	2.00E+00	-0.33730391	-0.00705124	-0.01342637	-2.55782557
4	2	3	-0.37961513	0.047337625	0.005423673	-2.54635453
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4	2	2	-0.43551171	-0.01547762	-0.02234912	-2.06112623
4	2	3	-0.40796325	0.030048778	0.005881619	-3.01258349
4	2	2.00E+00	-0.48561791	-0.03436849	-0.0664773	-2.4521029
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4	2	3	-0.3228555	-0.28824657	-0.01773418	-0.69610196
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4	2	3	-0.36425224	-0.00941164	-7.85E-05	-1.83390868
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4	3	3	-0.33107361	8.07E-05	-0.00169204	-6.47519112
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4	3	3	-0.2487392	0.001103563	0.00510064	-5.63177872
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4	4	4	-0.42820472	-0.01196385	3.65E-05	-0.768053
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5	2	4	-0.77239799	6.09E-06	2.52E-05	-8.80582047
5	2	4	-0.72396755	-2.81E-06	1.46E-05	-8.60566425
5	2	3	-0.64438665	-4.71E-06	-1.82E-05	-8.13587475
5	2	4	-0.93323863	2.34E-06	2.18E-07	-8.89457798
5	2	4	-0.34218773	-1.55E-06	-7.66E-06	-8.28793621
5	2	4	-0.67871797	-3.52E-07	-3.80E-05	-8.44470882
5	2	4.00E+00	-0.73465091	-5.50E-07	-4.76E-05	-8.67323208
5	2	3	-0.45881164	-6.81E-06	-2.42E-05	-7.92571163
5	2	3	-0.88036555	-1.48E-05	-7.15E-05	-6.96181154
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5	2	3	-1.06E+00	-1.95E-05	-0.00013667	-7.43234777
5	2	4	-0.97382981	-9.00E-06	-0.00019919	-7.44479036
5	2	3	-0.83588368	-1.48E-05	-8.71E-05	-7.0966053
5	2	3	-0.65347636	-7.14E-06	-0.00018285	-7.8154006
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5	2	3	-0.2372801	-2.02E-05	1.12E-05	-6.88355637
5	2	3.00E+00	-0.86790502	-1.79E-05	-9.95E-05	-7.56465912
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5	2	4	-0.7339707	1.11E-06	9.90E-05	-9.1567564
5	2	4	-0.57764369	2.80E-06	-2.40E-05	-7.79834366
5	2	3	-0.89811772	2.30E-06	3.69E-05	-7.91230297
5	2	3	-1.03398418	-1.66E-05	-9.68E-05	-7.63174582
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5	2	4	-0.32630169	5.13E-06	0.000226374	-6.92552233
5	2	3.00E+00	-0.78690547	-4.81E-06	-0.0002891	-7.94845963
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5	2	3	-0.7340399	-0.00022136	0.011671234	-3.64561486
5	2	3	-7.36E-01	0.000637377	0.008565496	-4.11332083
5	2	4	-0.78329444	-0.00284895	0.002910587	-3.63287282
5	2	4	-0.63184404	0.00093951	0.00511319	-2.54058671
5	2	4	-0.66033196	4.65E-05	0.014884172	-3.68950152
5	2	4	-0.45570356	0.000221766	-0.00650886	-3.77514625
5	2	3	-0.85006708	0.001047205	0.022002373	-4.05818605
5	2	3	-0.84240299	0.00267051	0.010967989	-2.85569453
5	2	4	-0.91789865	-0.00135469	-0.00111452	-3.63595366
5	2	3	-0.892501	0.000877985	0.01924699	-3.92642021
5	2	3	-0.65306455	0.000512255	0.016884997	-3.76151204
5	2	4.00E+00	-7.58E-01	0.001029224	0.0156554	-2.26504183
5	2	4	-0.79249752	0.000768396	0.010408109	-2.89628053
5	2	4	-0.74134719	0.00045145	0.010987985	-3.70758605
5	2	4	-0.42935759	0.000333387	0.012595922	-3.1952436
5	2	4	-0.84465361	-0.00871947	-0.00858034	-2.44687223
5	2	4	-0.94577324	0.00030935	0.024358982	-3.20149493
5	2	4	-0.43977296	0.000311498	-0.00280092	-3.90081477
5	2	4	-0.79457009	-0.00592734	-0.00672585	-3.04581571
5	2	4	-0.67708373	0.000483504	0.013866996	-4.6088376
5	2	3	-1.05039358	0.001298251	0.013019988	-2.92566276
5	2	4.00E+00	-8.66E-01	0.000743625	0.01302975	-3.34269285
5	2	3.00E+00	-7.13E-01	0.00336137	0.009463497	-2.16921592
5	2	4	-0.52747506	0.001955173	0.01278796	-3.16164494
5	2	3	-0.57923961	4.26E-05	0.001863181	-3.36642027
5	2	4	-0.79610109	1.61E-05	-0.00101565	-3.93050814
5	2	4	-0.91998875	0.001617048	0.008814669	-2.42764974
5	2	3	-0.60849679	0.002590215	0.011146207	-2.72273183
5	2	4	-0.31304425	0.004910632	0.003788906	-3.180264
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5	2	3.00E+00	-0.83306503	0.00124425	0.011238827	-2.38177991
5	2	4	-0.77945364	0.00116944	0.014804441	-3.15058041
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5	2	3	-1.08470011	0.000486253	0.01280257	-2.34249377
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5	2	4.00E+00	-0.42474931	-0.00140178	0.008243542	-3.2290175
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5	2	4	-0.88979381	0.002021164	0.012305044	-2.6801846
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5	2	4.00E+00	-0.36482543	8.73E-05	-0.00100864	-2.35164475
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5	2	4	-0.9056657	0.005080569	0.024691602	-1.9118042
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5	2	3	-1.04E+00	0.001187353	-0.00061449	-1.74500203
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5	2	4.00E+00	-9.54E-01	0.001926408	0.006963426	-2.7419827
5	2	4	-0.92230469	0.012319606	0.000342891	-1.5363996
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5	2	3	-0.73500168	0.000395591	0.000199398	-0.26408094
5	2	3	-9.36E-01	-0.00128888	-0.00053559	-0.90287358
5	2	3	-0.76814878	0.00562249	-0.00020575	0.328818709
5	2	4	-0.86302125	-0.00053983	-0.00108371	1.345395207
5	2	4	-0.61352724	-0.00324567	-0.00042149	-1.49830925
5	2	4.00E+00	-6.14E-01	-0.00782087	-0.00019416	-0.19144201
5	2	4	-0.64122945	0.006057719	0.000130734	-0.10675418
5	2	4	-0.70168477	0.001311062	7.49E-05	-0.88512468
5	2	3.00E+00	-1.04E+00	-0.00113958	0.000281792	0.04514908
5	2	4	-0.47166738	0.018026669	0.000179898	-0.67913598
5	2	3	-7.09E-01	-0.0100091	-0.00096208	-0.43562007
5	2	4	-0.71959734	0.008354087	9.54E-05	-0.20855618
5	2	4	-0.88586915	0.003667122	0.000290882	0.173629612
5	2	4.00E+00	-1.23184836	0.000684242	-0.00026648	0.637120306
5	2	4	-0.53411889	0.000918691	-0.00073955	0.188540071
5	2	4	-0.64100027	0.005746519	0.000149876	-1.22961819
5	2	4	-0.98743498	0.00330871	-0.00042006	0.486109316
5	2	4	-5.67E-01	0.001291858	-0.00033923	-0.60216463
5	2	4	-1.09760916	-0.00150764	-0.00023914	0.684891701
5	2	3	-0.3953754	-0.00411577	-0.00020807	0.300364792
5	2	4.00E+00	-0.41604868	-0.00470825	-8.14E-05	-0.76021469
5	2	3	-0.7317785	0.003166627	0.000100883	0.572058439
5	2	3	-0.78907222	0.006819709	-0.00032883	0.355469614
5	2	4	-0.92492473	0.006431664	-0.0002346	-0.07893147
5	2	3	-0.56097931	-0.01113923	-0.00038472	-0.28401378
5	2	3	-0.45029467	-0.00667109	-0.00054391	-0.22428432
5	2	4	-0.81723917	0.001093891	0.000331638	0.010145731
5	2	4	-0.80481678	-0.00238298	-0.00049806	0.756142199
5	2	4	-0.57563782	-0.00217672	0.000320512	-0.65999734
5	2	4	-0.80398774	-0.00155277	0.000214919	-0.31231552
5	2	4	-8.00E-01	-0.02108894	-2.62E-05	-0.27918035
5	2	4.00E+00	-2.46E-01	-0.01370866	-3.02E-05	0.209407568
5	2	3.00E+00	-7.80E-01	0.006950773	0.000277554	0.578149915
5	2	4.00E+00	-1.00752699	0.004538211	-0.00023955	0.94701004
5	2	4.00E+00	-0.55105031	0.003160057	-0.00032541	-0.90760905
5	2	3	-0.68965816	0.002680179	-0.00016089	0.631711841
5	2	4	-0.47833744	-0.02175543	-2.02E-06	0.177739143
5	2	3	-0.88936758	0.003111413	-0.0002933	1.021073341
5	2	4	-0.7024188	0.005426081	-0.0001392	-0.10075727
5	2	4	-0.45663619	-0.00592719	3.25E-05	0.172831297

5	2	3.00E+00	-1.00430059	0.002120202	-9.36E-05	0.694213927
5	2	3	-8.73E-01	0.00509491	-0.00014032	-0.35674083
5	2	3	-0.65091044	0.001766259	-1.36E-05	-0.50753289
5	2	3	-0.91618574	-0.00084119	-0.00015321	0.361984193
5	2	3	-0.73746884	0.003283446	-0.00030939	0.23326993
5	2	4.00E+00	-7.83E-01	0.003377161	-0.00021955	0.478420854
5	2	3	-9.77E-01	-0.00109378	7.49E-05	0.265815675
5	2	4	-1.01E+00	-0.00097206	-0.00021599	1.339016914
5	2	3	-0.62142575	-0.00021161	-0.00016549	-0.42023095
5	2	4	-0.64544392	-0.00970023	0.000165758	0.262320668
5	2	3	-0.81148893	0.016445315	0.000182513	-0.17353907
5	2	3	-0.58766228	-0.00260492	1.86E-05	0.135973781
5	2	4	-0.81170297	0.005592325	-2.26E-05	0.846920729
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5	2	3	-0.43224823	-0.00066766	-0.00015992	0.032024451
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5	2	4	-0.50780058	-0.00115386	-0.00024959	1.290953398
5	2	4	-0.73509657	0.002088194	-0.0001813	0.564966083
5	2	4	-6.38E-01	0.006062245	4.91E-06	-0.93944609
5	2	4	-6.04E-01	-0.000921	1.24E-05	1.135042787
5	2	4	-0.40255997	-0.00398076	-0.00015389	1.405051708
5	2	3	-0.90051436	0.00103011	-8.30E-05	1.476485014
5	2	4	-0.59748936	-0.01222065	-2.82E-05	0.407415569
5	2	3	-0.73300797	-0.00088662	-0.00010462	1.039852858
5	2	4	-0.94692123	-0.00305724	-0.00014019	0.182919145
5	2	3.00E+00	-0.95055521	-0.00079779	-0.00022887	0.144826829
5	2	4.00E+00	-7.34E-01	0.001259922	-0.00016994	1.627449155
5	2	3	-0.64387065	0.003381593	-0.00015791	0.41910553
5	2	4	-0.68577534	-0.00102832	2.65E-05	0.944830894
5	2	4	-1.04637766	0.001373881	-7.17E-05	1.785485148
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5	2	4	-0.72216195	-0.00273389	-0.00010431	0.919775367
5	2	3	-0.68052173	-9.01E-05	-9.36E-05	0.16100654
5	2	3	-0.05342485	2.28E-05	-6.02E-05	0.703296363
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5	2	3	-0.9798556	-0.00096014	-5.52E-05	2.100532055
5	2	4	-0.91337609	0.000225296	-0.00013522	1.115761757
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5	2	3.00E+00	-7.45E-01	0.002079276	-7.24E-05	1.124685049
5	2	3	-0.94720459	0.000163897	-6.05E-05	1.76657033
5	2	4	-0.93381494	0.001419045	-1.18E-06	0.720578313
5	2	4	-0.75127083	0.003133982	3.83E-05	0.030363239
5	2	4	-1.06718194	0.001570159	-5.99E-05	2.125507832
5	2	4	-0.61816561	0.001073356	-5.65E-05	0.797161102
5	2	4	-0.61934757	0.002570145	5.24E-05	1.282057524
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5	2	3	-0.56847399	-0.00017718	-3.67E-06	1.022944808
5	2	4	-0.81622553	-0.00022302	2.42E-05	1.641575336

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5	2	3	-0.62117624	5.52E-06	-1.32E-05	2.7125175
5	2	4	-1.03E+00	0.001717707	-1.27E-05	1.81415987
5	2	4.00E+00	-0.81744719	0.00025046	-1.91E-05	1.590317011
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5	2	4	-0.86813438	-0.0018215	1.82E-05	2.168348789
5	2	4	-0.51743317	-0.00151986	-3.55E-06	2.847700834
5	2	4.00E+00	-0.35725516	2.76E-05	2.33E-06	3.591906786
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5	3	4	-0.81714582	5.07E-06	-1.66E-06	-9.3954134
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5	3	4	-0.82314277	0.016241273	0.0011563	-0.76375926
5	3	4	-6.89E-01	0.030703345	-0.00120332	-0.17803583
5	3	4	-0.8859179	-0.00477496	-0.00069653	-1.37511921
5	3	4	-0.78196239	0.008062868	0.001389233	0.160478592
5	3	4	-0.77478731	0.021765435	0.000525245	-0.88286948
5	3	4	-0.45918059	0.000235428	0.000327218	-2.38077807
5	3	4.00E+00	-0.63013339	0.031383522	0.000677327	-1.02131629
5	3	4	-0.71042383	0.002566925	0.000141968	-1.58886003
5	3	4	-0.84230107	0.016137652	-0.00014868	-0.7053256
5	3	4	-0.58849305	-0.01496626	0.000176253	-0.18169716
5	3	4	-0.67765152	0.009412963	0.000591684	-1.658427
5	3	4.00E+00	-8.30E-01	0.022888821	-8.32E-05	-0.03487115
5	3	4	-0.7277658	-0.00374251	0.000437179	0.216035962
5	3	4	-8.92E-01	0.001235174	6.10E-05	-0.15487686
5	3	4	-0.7622546	-0.0046917	-0.00021615	1.105622768
5	3	4	-0.72915244	0.00152034	0.0002675	-0.98511875
5	3	4	-0.49697557	0.004894229	9.85E-05	-0.66125357
5	3	4	-0.84949237	0.022246873	1.19E-05	-0.50296175
5	3	4	-0.52338934	-0.00225933	0.000157974	0.723835111
5	3	4	-0.82492518	0.005099265	3.02E-05	0.51232475
5	3	4	-7.35E-01	0.008071	0.000226342	0.587411642
5	3	4.00E+00	-0.93934941	0.002705162	0.000106489	1.003757477
5	3	4	-0.65141684	0.028998354	0.000126663	-0.2201691
5	3	4	-0.75509036	-0.00457949	2.70E-05	0.550152898
5	3	4	-0.84200162	0.000281279	0.000253907	0.841600955
5	3	4.00E+00	-5.87E-01	0.001217352	7.96E-05	0.082308196
5	3	4	-0.59311777	-0.00400067	1.15E-05	1.321695447
5	3	4	-0.80422461	0.005536218	3.13E-06	0.426414251
5	3	4	-0.54643244	0.019853171	5.66E-05	0.620560408
5	3	4	-6.36E-01	0.002887055	4.50E-05	1.149214268

5	3	4	-0.48861098	-0.00771506	1.97E-05	1.283536077
5	3	4	-0.65386558	-0.00327877	-9.63E-06	2.049247026
5	3	4	-5.37E-01	0.000505927	1.50E-05	1.542054653
5	3	4	-0.85426515	0.004930855	1.41E-05	1.456642866
5	3	4	-0.77129734	0.003383337	3.57E-05	1.739977479
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5	3	4.00E+00	-0.74246085	1.98E-05	1.38E-05	2.651272535
5	3	4	-0.70285231	-0.00081993	6.58E-06	2.074512005

[DEBUG 11:55:54] ./model/WaitingPlan.lua:106: Saving model
[DEBUG 11:57:53] ./model/WaitingPlan.lua:106: Saving model
[DEBUG 11:59:56] ./model/WaitingPlan.lua:106: Saving model
[INFO 11:55:20] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:55:20] commBatchCopy.lua:922: e=1700, td_err=0.021, td_err_avg=0.004, td_comm=0.00
[INFO 11:55:32] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:55:32] commBatchCopy.lua:922: e=1800, td_err=0.021, td_err_avg=0.005, td_comm=0.00
[INFO 11:55:42] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:55:42] commBatchCopy.lua:922: e=1900, td_err=0.021, td_err_avg=0.007, td_comm=0.00
[INFO 11:55:54] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:55:54] commBatchCopy.lua:922: e=2000, td_err=0.022, td_err_avg=0.008, td_comm=0.00
[INFO 11:56:06] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:56:06] commBatchCopy.lua:922: e=2100, td_err=0.021, td_err_avg=0.010, td_comm=0.00
[INFO 11:56:17] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:56:17] commBatchCopy.lua:922: e=2200, td_err=0.021, td_err_avg=0.011, td_comm=0.00
[INFO 11:56:29] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:56:29] commBatchCopy.lua:922: e=2300, td_err=0.021, td_err_avg=0.012, td_comm=0.00
[INFO 11:56:41] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:56:41] commBatchCopy.lua:922: e=2400, td_err=0.021, td_err_avg=0.013, td_comm=0.00
[INFO 11:56:55] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:56:55] commBatchCopy.lua:922: e=2500, td_err=0.021, td_err_avg=0.014, td_comm=0.00
[INFO 11:57:07] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:57:07] commBatchCopy.lua:922: e=2600, td_err=0.021, td_err_avg=0.014, td_comm=0.00
[INFO 11:57:19] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:57:19] commBatchCopy.lua:922: e=2700, td_err=0.022, td_err_avg=0.015, td_comm=0.00
[INFO 11:57:30] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:57:30] commBatchCopy.lua:922: e=2800, td_err=0.021, td_err_avg=0.016, td_comm=0.00
[INFO 11:57:41] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:57:41] commBatchCopy.lua:922: e=2900, td_err=0.022, td_err_avg=0.016, td_comm=0.00
[INFO 11:57:53] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:57:53] commBatchCopy.lua:922: e=3000, td_err=0.022, td_err_avg=0.017, td_comm=0.00
[INFO 11:58:06] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:58:06] commBatchCopy.lua:922: e=3100, td_err=0.021, td_err_avg=0.017, td_comm=0.00
[INFO 11:58:18] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:58:18] commBatchCopy.lua:922: e=3200, td_err=0.021, td_err_avg=0.018, td_comm=0.00
[INFO 11:58:30] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:58:30] commBatchCopy.lua:922: e=3300, td_err=0.022, td_err_avg=0.018, td_comm=0.00
[INFO 11:58:42] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:58:42] commBatchCopy.lua:922: e=3400, td_err=0.021, td_err_avg=0.018, td_comm=0.00
[INFO 11:58:54] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:58:54] commBatchCopy.lua:922: e=3500, td_err=0.021, td_err_avg=0.019, td_comm=0.00
[INFO 11:59:05] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:59:05] commBatchCopy.lua:922: e=3600, td_err=0.021, td_err_avg=0.019, td_comm=0.00
[INFO 11:59:19] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:59:19] commBatchCopy.lua:922: e=3700, td_err=0.022, td_err_avg=0.019, td_comm=0.00

[INFO 11:59:32] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:59:32] commBatchCopy.lua:922: e=3800, td_err=0.022, td_err_avg=0.019, td_comm=0.00
[INFO 11:59:44] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:59:44] commBatchCopy.lua:922: e=3900, td_err=0.022, td_err_avg=0.020, td_comm=0.00
[INFO 11:59:56] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 11:59:56] commBatchCopy.lua:922: e=4000, td_err=0.021, td_err_avg=0.020, td_comm=0.00
[INFO 12:00:08] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:00:08] commBatchCopy.lua:922: e=4100, td_err=0.022, td_err_avg=0.020, td_comm=0.00
[INFO 12:00:20] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:00:20] commBatchCopy.lua:922: e=4200, td_err=0.022, td_err_avg=0.020, td_comm=0.00
[INFO 12:00:32] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:00:32] commBatchCopy.lua:922: e=4300, td_err=0.021, td_err_avg=0.020, td_comm=0.00
[INFO 12:00:45] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:00:45] commBatchCopy.lua:922: e=4400, td_err=0.021, td_err_avg=0.020, td_comm=0.00
[INFO 12:00:57] commBatchCopy.lua:922: e=4500, td_err=0.022, td_err_avg=0.021, td_comm=0.00
[INFO 12:00:58] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:01:11] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:01:11] commBatchCopy.lua:922: e=4600, td_err=0.021, td_err_avg=0.021, td_comm=0.00
[INFO 12:01:23] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:01:23] commBatchCopy.lua:922: e=4700, td_err=0.021, td_err_avg=0.021, td_comm=0.00
[INFO 12:01:35] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:01:35] commBatchCopy.lua:922: e=4800, td_err=0.021, td_err_avg=0.021, td_comm=0.00
[INFO 12:01:47] ./model/WaitingPlan.lua:312: te_opt=0.00, te_opt_avg=0.00, te_god=1.00, te_god_a
[INFO 12:01:47] commBatchCopy.lua:922: e=4900, td_err=0.021, td_err_avg=0.021, td_comm=0.00

Case other agents l own lever d_err gradient1 gradient2 comm1

Waiting plan after 1600 epochs, 80% on test set

-8.70441055
-8.07561684
-7.1073122
-6.97211027
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-4.83625698
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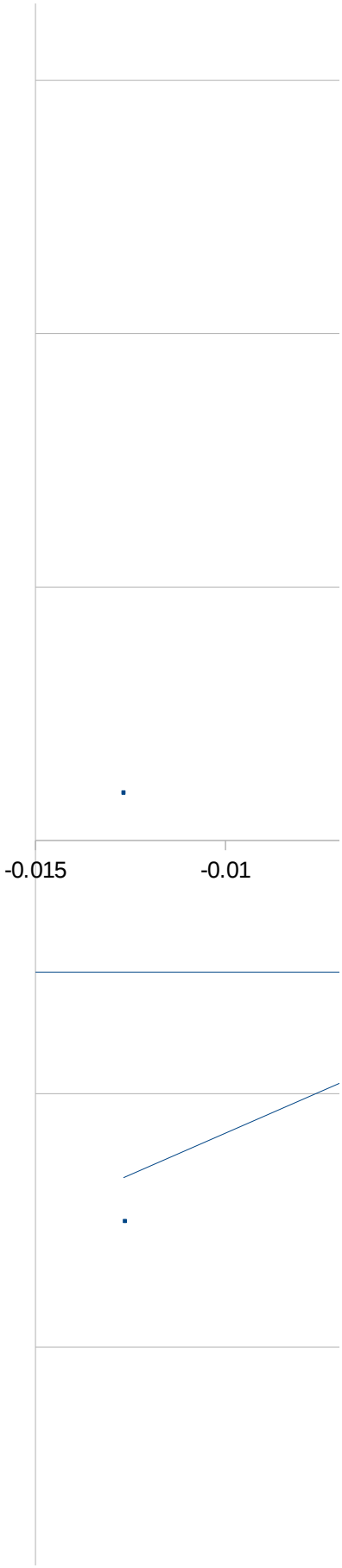

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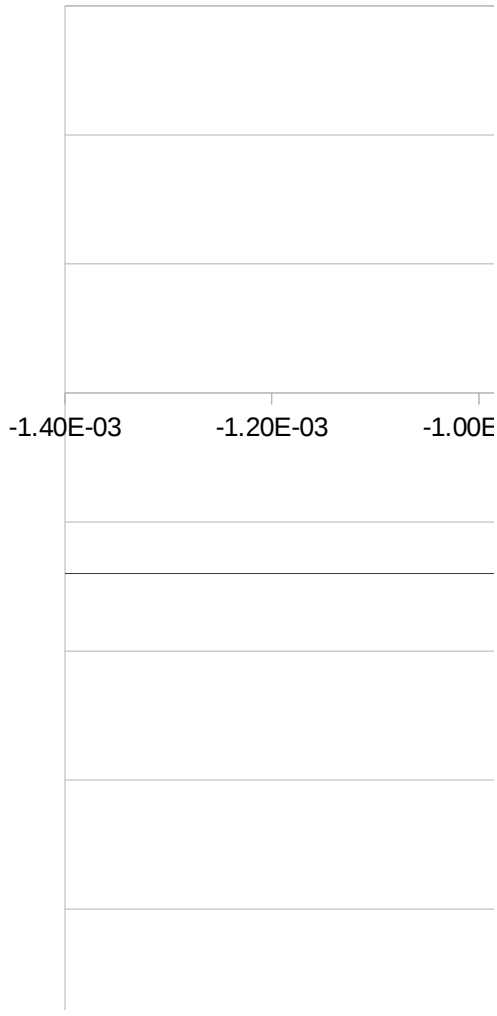

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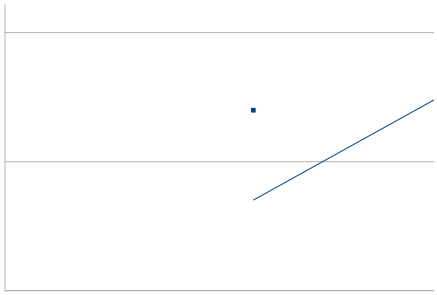

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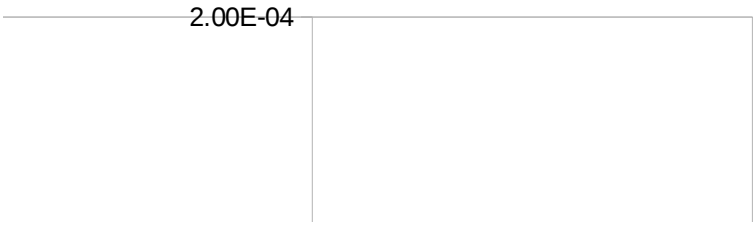
7.443920135
7.580604553
8.623351097

avg=1.00
1, td_comm_avg=0.000, tr_r=0.21, tr_r_avg=0.48, te_r=0.20, te_r_avg=0.51, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.000, tr_r=0.23, tr_r_avg=0.45, te_r=0.50, te_r_avg=0.51, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.000, tr_r=0.28, tr_r_avg=0.43, te_r=0.40, te_r_avg=0.49, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.000, tr_r=0.23, tr_r_avg=0.41, te_r=0.30, te_r_avg=0.48, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.000, tr_r=0.26, tr_r_avg=0.40, te_r=0.30, te_r_avg=0.46, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.38, te_r=0.60, te_r_avg=0.47, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.24, tr_r_avg=0.37, te_r=0.50, te_r_avg=0.47, st=2.7, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.24, tr_r_avg=0.35, te_r=0.30, te_r_avg=0.46, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.34, te_r=0.50, te_r_avg=0.46, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.33, te_r=0.30, te_r_avg=0.45, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.33, tr_r_avg=0.33, te_r=0.30, te_r_avg=0.43, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.32, te_r=0.20, te_r_avg=0.41, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.24, tr_r_avg=0.31, te_r=0.20, te_r_avg=0.39, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.30, te_r=0.30, te_r_avg=0.38, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.22, tr_r_avg=0.30, te_r=0.30, te_r_avg=0.37, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.20, tr_r_avg=0.29, te_r=0.20, te_r_avg=0.35, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.20, tr_r_avg=0.28, te_r=0.40, te_r_avg=0.36, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.24, tr_r_avg=0.27, te_r=0.10, te_r_avg=0.33, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.19, tr_r_avg=0.27, te_r=0.10, te_r_avg=0.31, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.26, tr_r_avg=0.26, te_r=0.40, te_r_avg=0.32, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.23, tr_r_avg=0.26, te_r=0.00, te_r_avg=0.29, st=2.6, comm=100.0%,

avg=1.00
1, td_comm_avg=0.001, tr_r=0.27, tr_r_avg=0.26, te_r=0.30, te_r_avg=0.29, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.30, tr_r_avg=0.27, te_r=0.30, te_r_avg=0.29, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.21, tr_r_avg=0.26, te_r=0.40, te_r_avg=0.30, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.20, tr_r_avg=0.25, te_r=0.30, te_r_avg=0.30, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.27, tr_r_avg=0.26, te_r=0.30, te_r_avg=0.30, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.20, tr_r_avg=0.25, te_r=0.30, te_r_avg=0.30, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.28, tr_r_avg=0.25, te_r=0.20, te_r_avg=0.29, st=2.6, comm=100.0%,
1, td_comm_avg=0.001, tr_r=0.32, tr_r_avg=0.26, te_r=0.50, te_r_avg=0.31, st=2.6, comm=100.0%,
avg=1.00
avg=1.00
1, td_comm_avg=0.001, tr_r=0.27, tr_r_avg=0.26, te_r=0.30, te_r_avg=0.31, st=2.7, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.18, tr_r_avg=0.25, te_r=0.20, te_r_avg=0.30, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.28, tr_r_avg=0.26, te_r=0.10, te_r_avg=0.28, st=2.6, comm=100.0%,
avg=1.00
1, td_comm_avg=0.001, tr_r=0.33, tr_r_avg=0.26, te_r=0.30, te_r_avg=0.28, st=2.6, comm=100.0%,
comm2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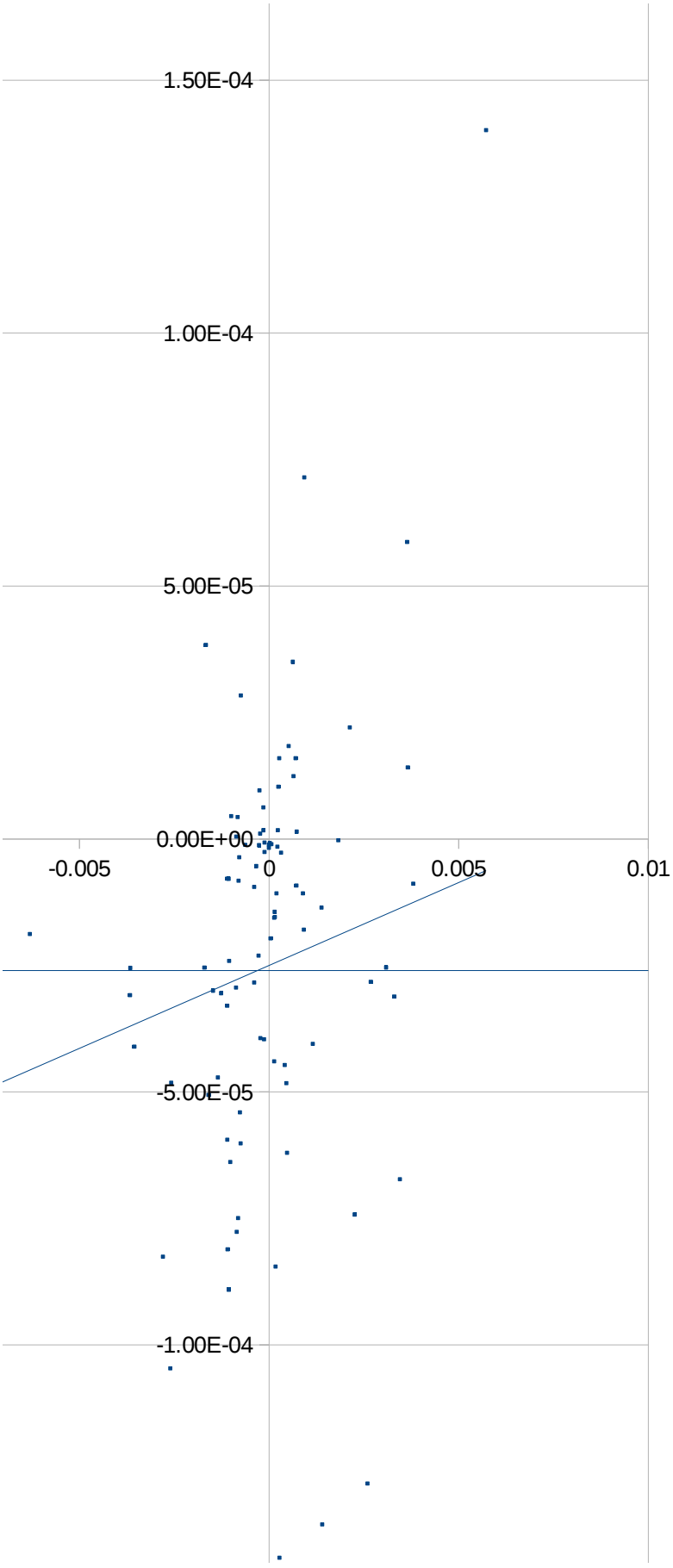
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0.00E+00
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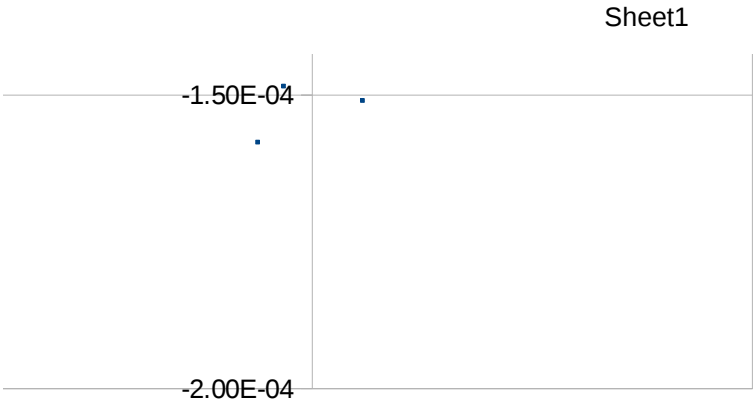
-0.005
0
0.005
0.01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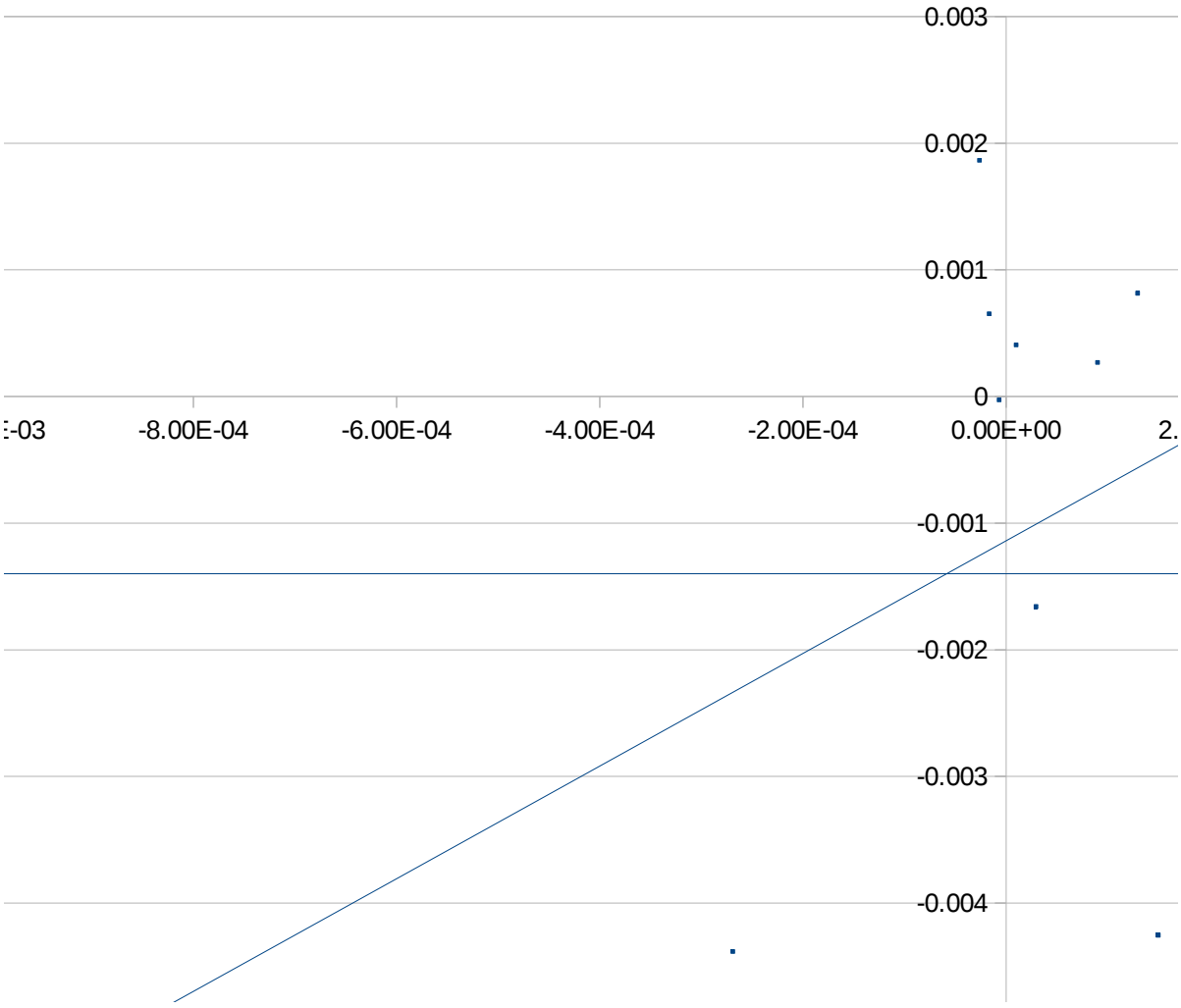
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0.002
0.001
0
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-0.004
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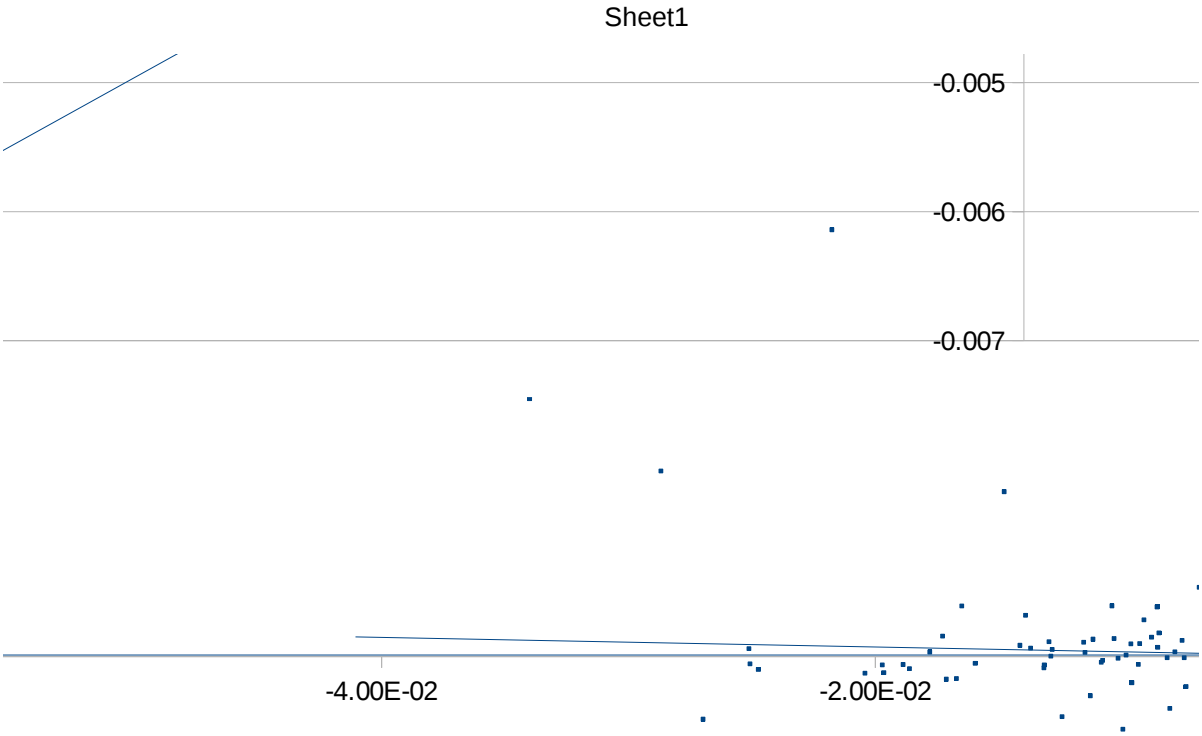
-6.00E-04
-4.00E-04
-2.00E-04
0.00E+00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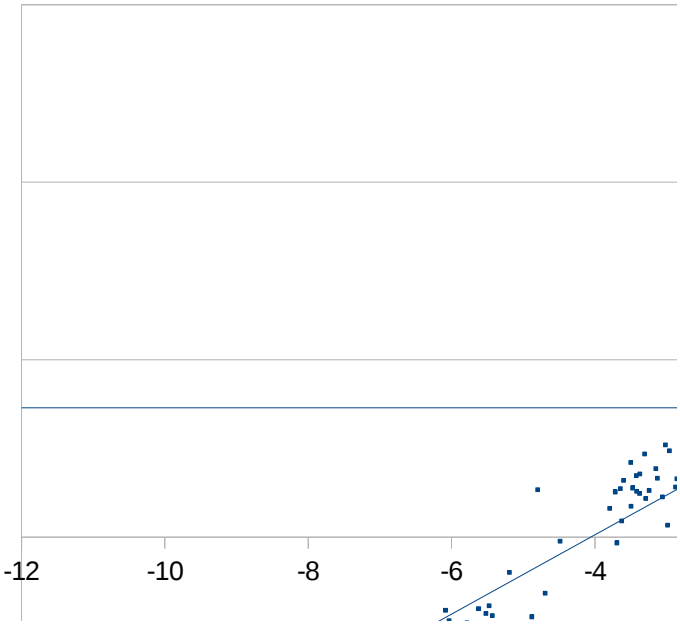
-0.007
-4.00E-02
-2.00E-02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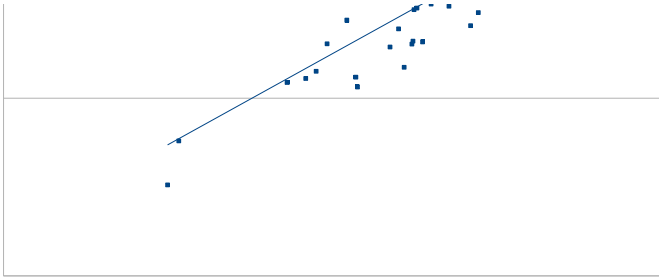
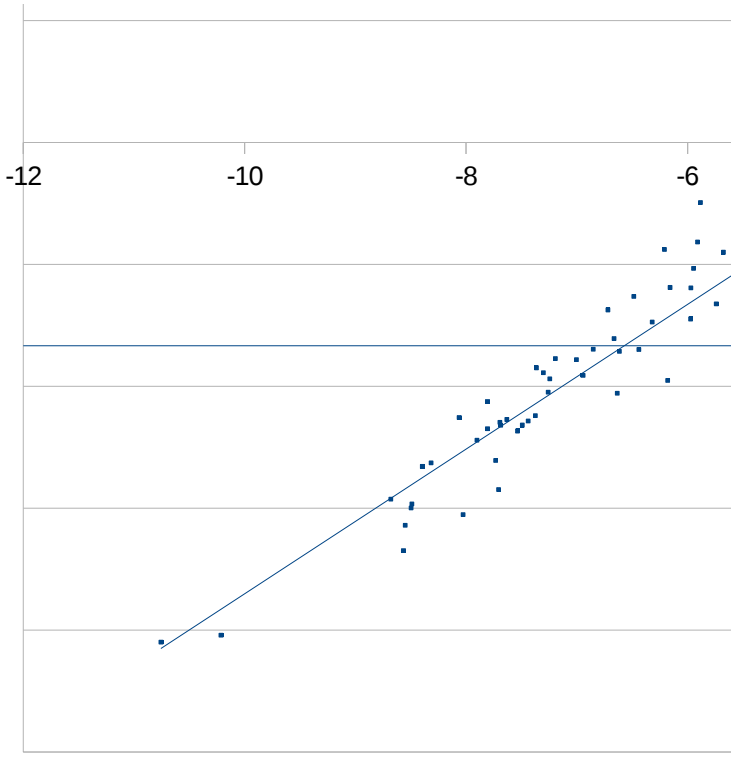
-8
-6
-4




-12
-10
-8
-6

grad=0.005, t/s=10.13 s, t=3 m

grad=0.009, t/s=10.03 s, t=3 m

grad=0.006, t/s=9.89 s, t=3 m

grad=0.006, t/s=9.86 s, t=4 m

grad=0.006, t/s=9.83 s, t=4 m

grad=0.006, t/s=9.74 s, t=4 m

grad=0.006, t/s=9.73 s, t=4 m

grad=0.007, t/s=9.70 s, t=4 m

grad=0.010, t/s=9.93 s, t=5 m

grad=0.008, t/s=9.95 s, t=5 m

grad=0.005, t/s=9.88 s, t=5 m

grad=0.003, t/s=9.79 s, t=5 m

grad=0.005, t/s=9.74 s, t=5 m

grad=0.008, t/s=9.72 s, t=5 m

grad=0.006, t/s=9.76 s, t=6 m

grad=0.005, t/s=9.72 s, t=6 m

grad=0.006, t/s=9.74 s, t=6 m

grad=0.009, t/s=9.75 s, t=6 m

grad=0.005, t/s=9.74 s, t=7 m

grad=0.005, t/s=9.72 s, t=7 m

grad=0.010, t/s=9.92 s, t=7 m

grad=0.006, t/s=9.94 s, t=7 m

grad=0.009, t/s=9.92 s, t=7 m

grad=0.006, t/s=9.93 s, t=8 m

grad=0.006, t/s=9.88 s, t=8 m

grad=0.005, t/s=9.87 s, t=8 m

grad=0.006, t/s=9.84 s, t=8 m

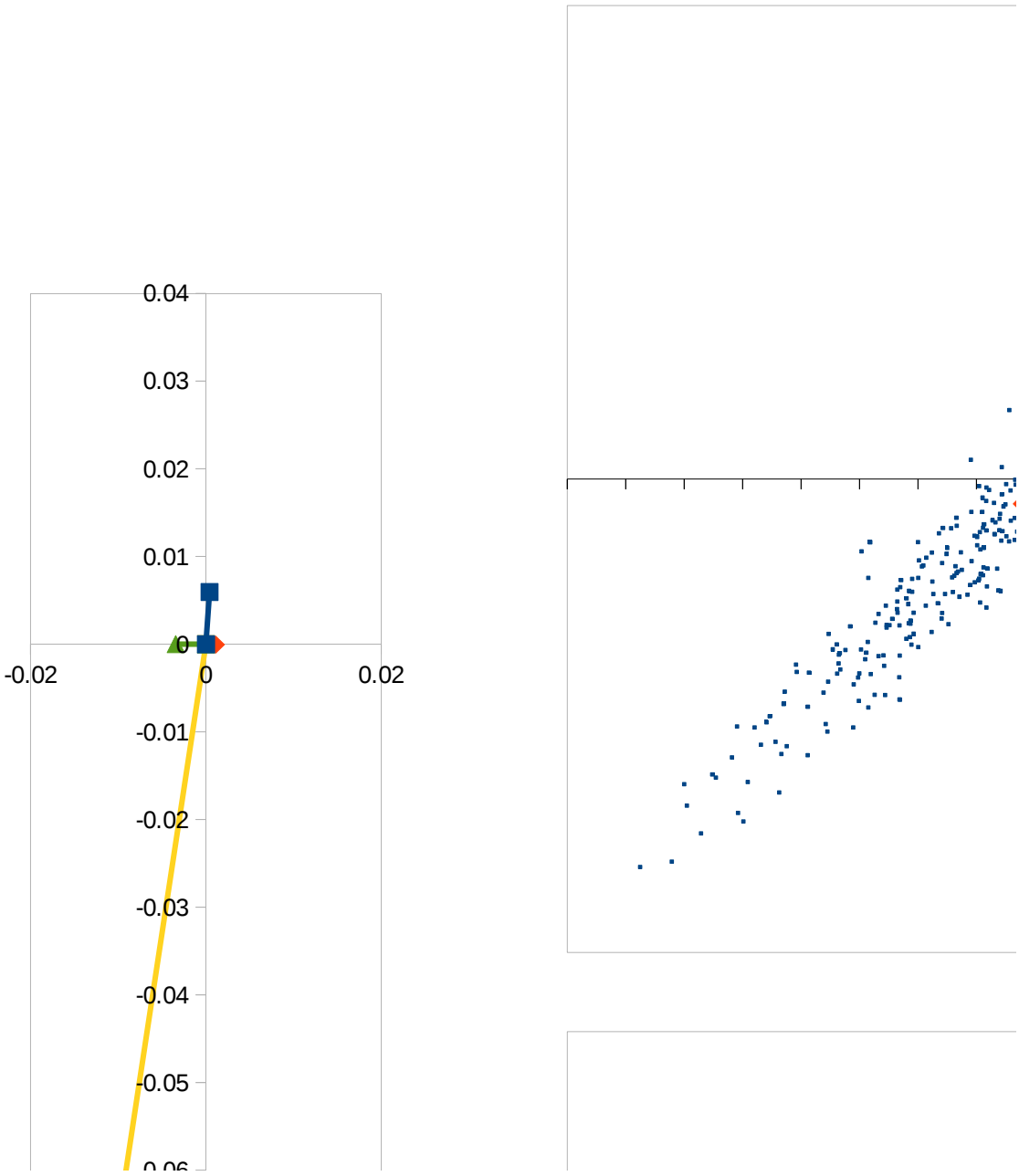
grad=0.006, t/s=9.89 s, t=8 m
grad=0.007, t/s=9.97 s, t=9 m

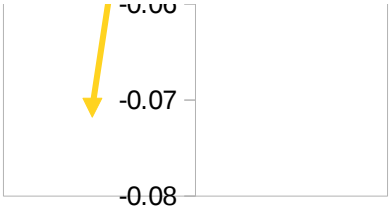
grad=0.005, t/s=10.14 s, t=9 m

grad=0.004, t/s=10.04 s, t=9 m

grad=0.006, t/s=10.03 s, t=9 m

grad=0.006, t/s=10.04 s, t=9 m


0.04
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
-0.02
0
0.02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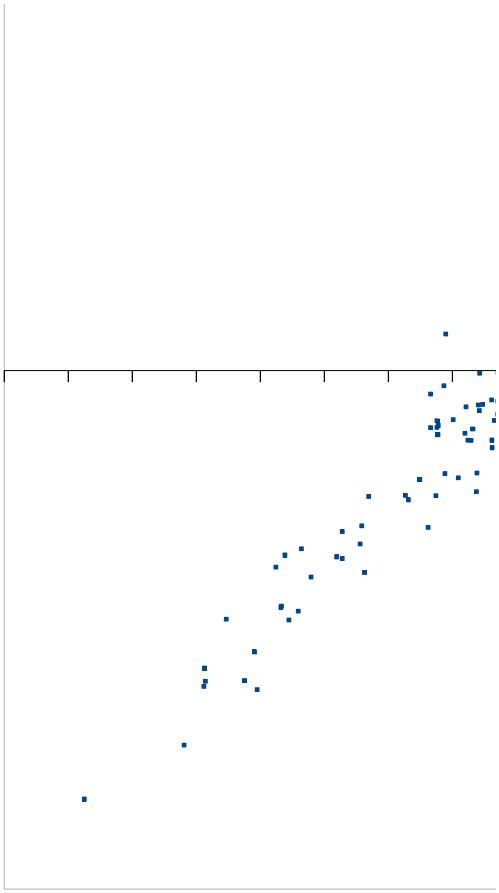
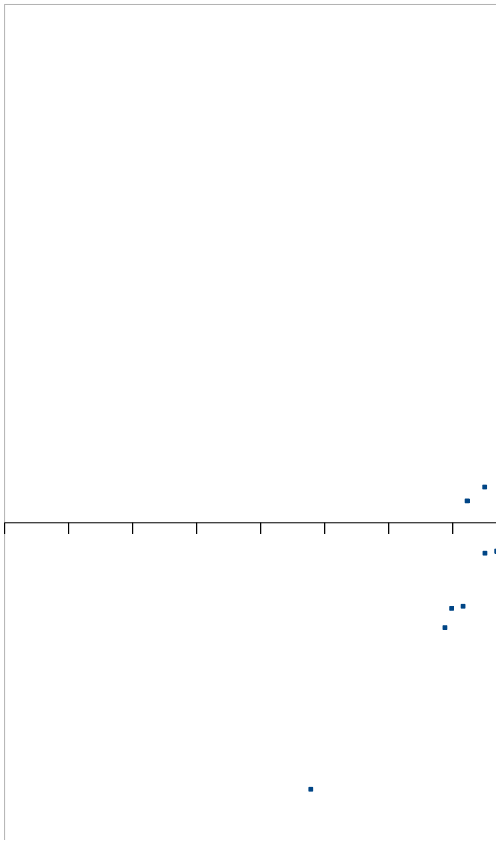
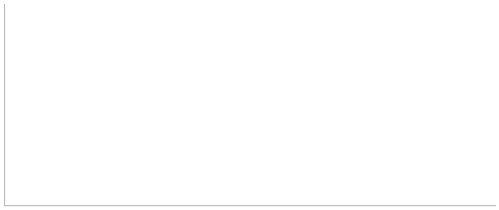
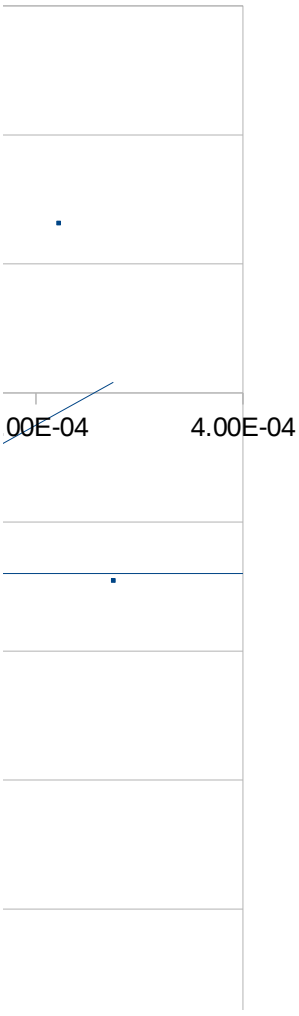
-0.08





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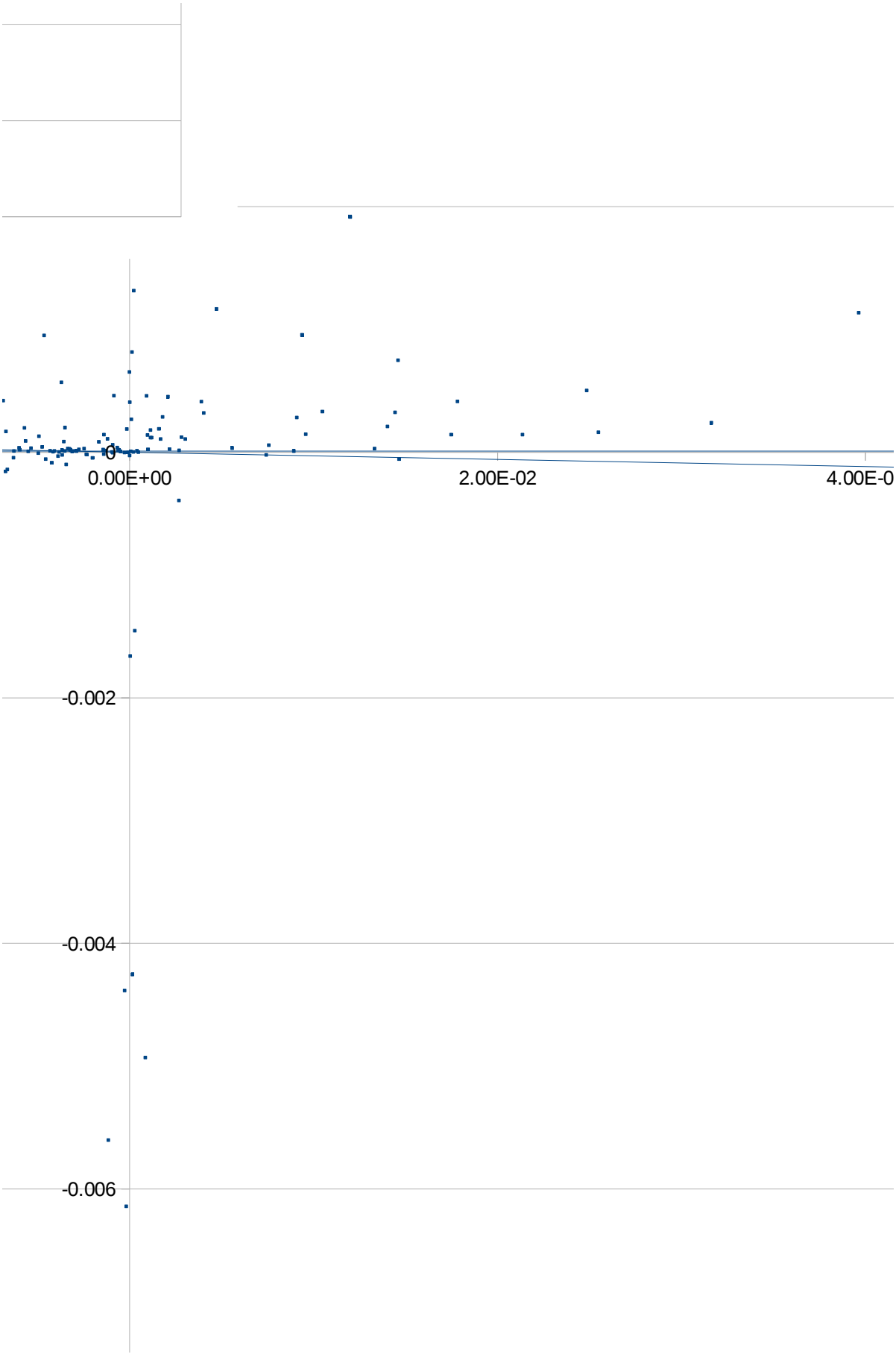
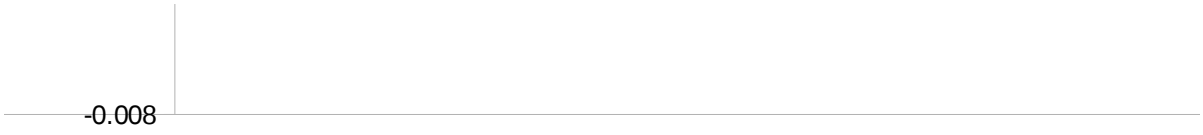
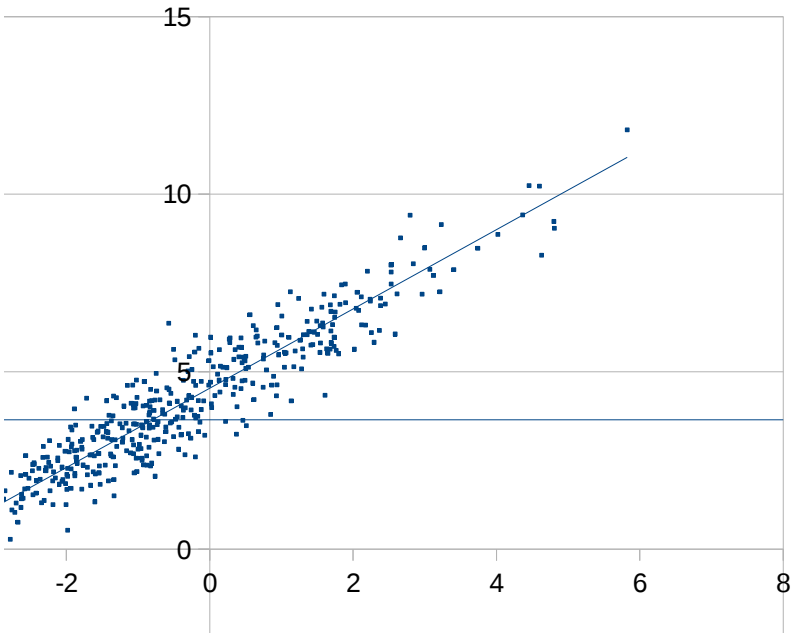
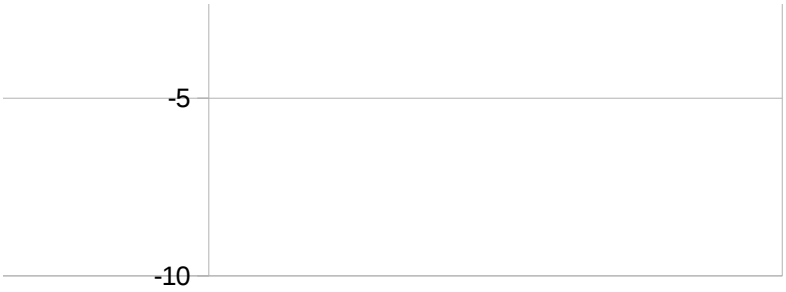
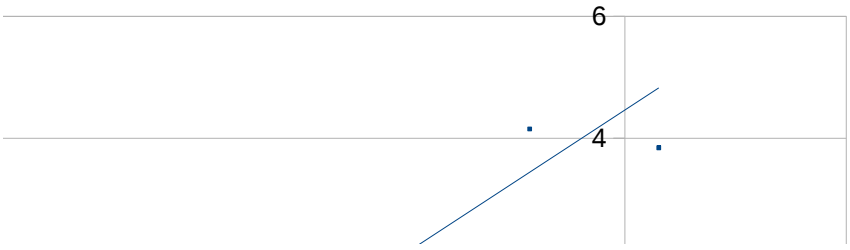

0
0.00E+00
2.00E-02
4.00E-0
-0.002
-0.004
-0.006


-0.008

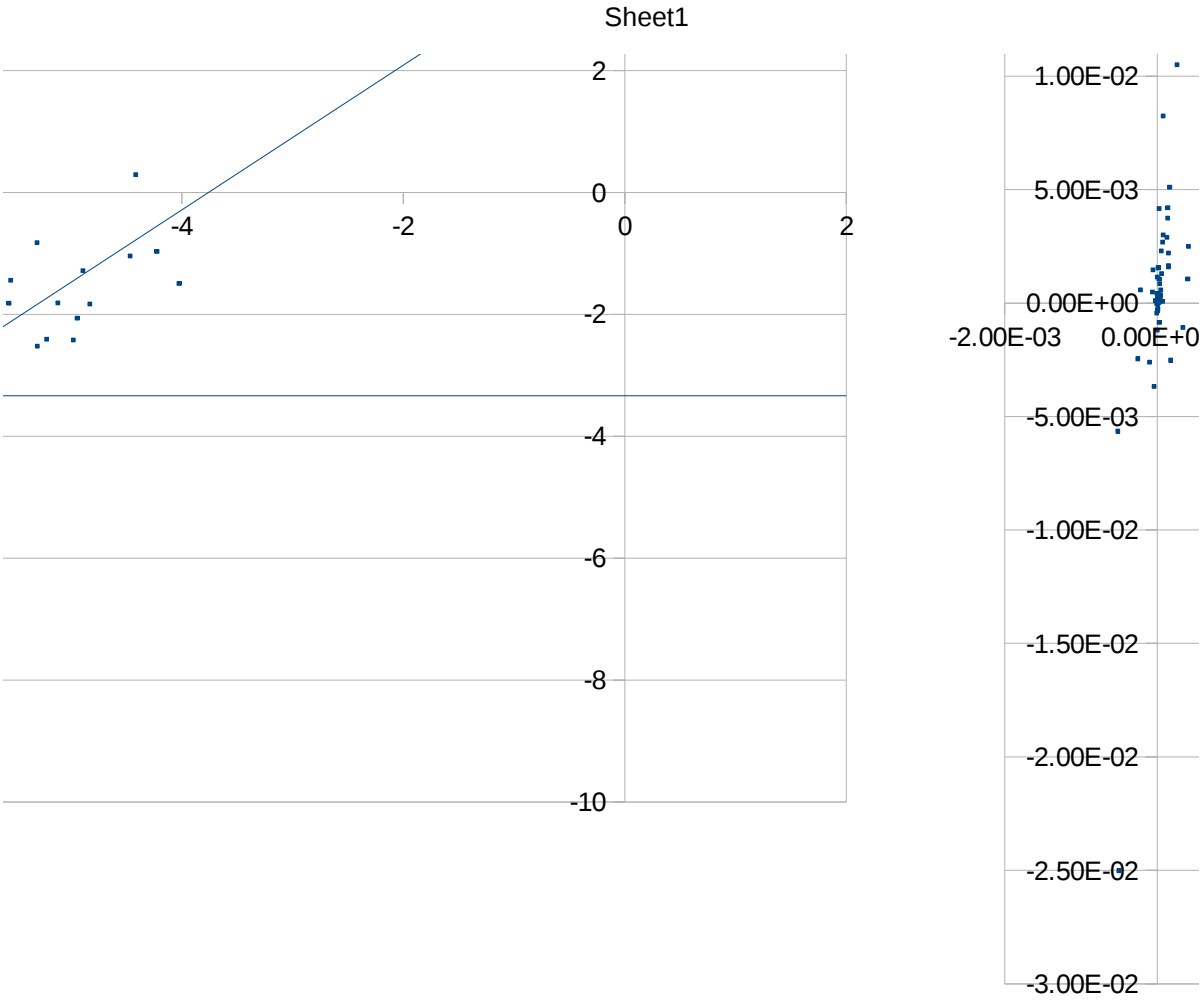
waited too long

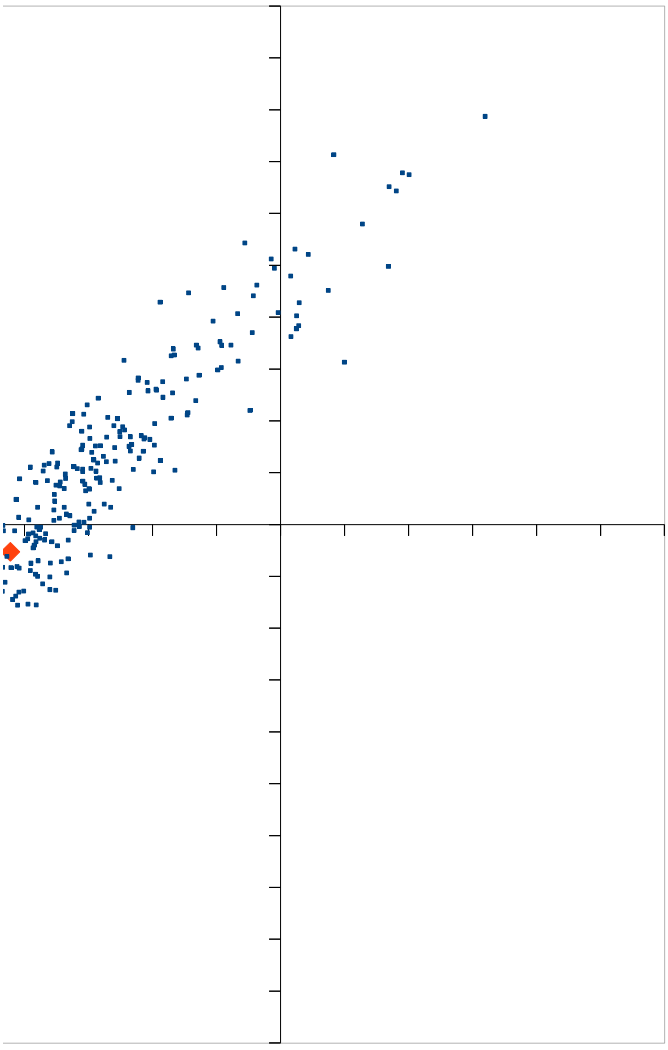


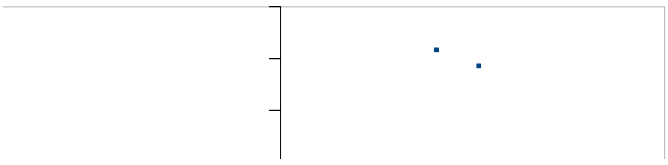


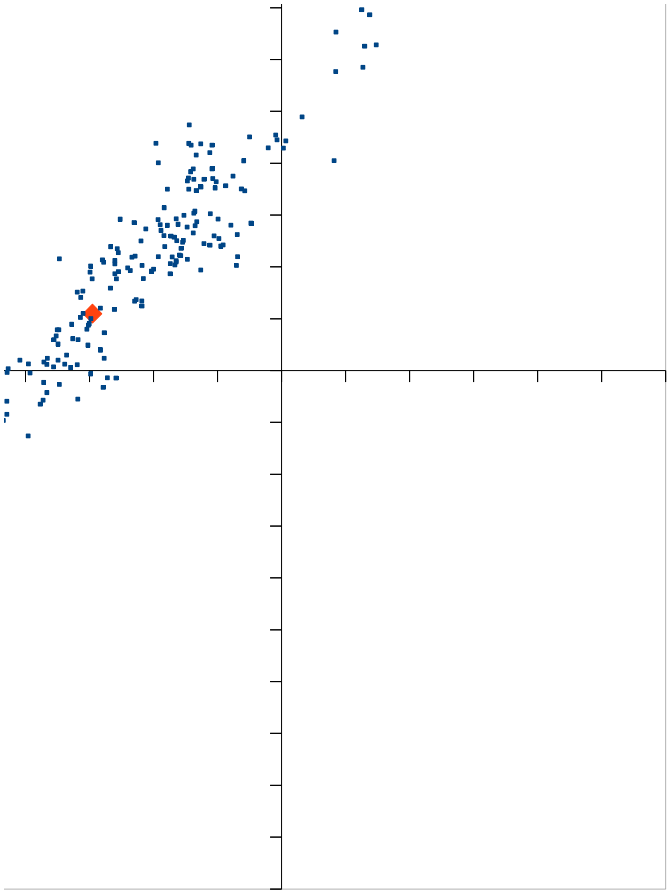


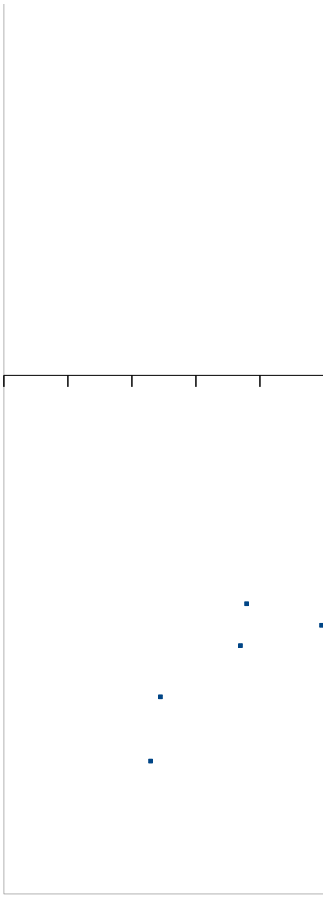
1.50E-02

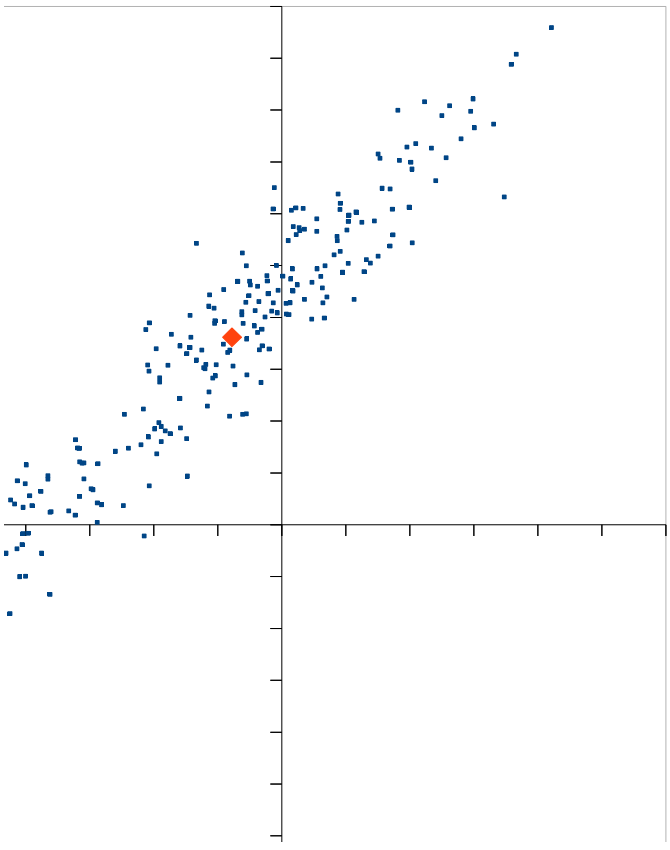

Sheet1
2
0
-2
-4
-6
-8
-10
-4
-2
0
2
1.00E-02
5.00E-03
0.00E+00
-5.00E-03
-1.00E-02
-1.50E-02
-2.00E-02
-2.50E-02
-3.00E-02

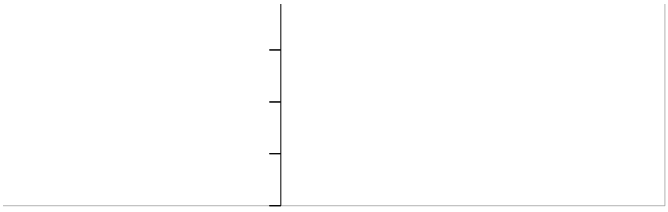




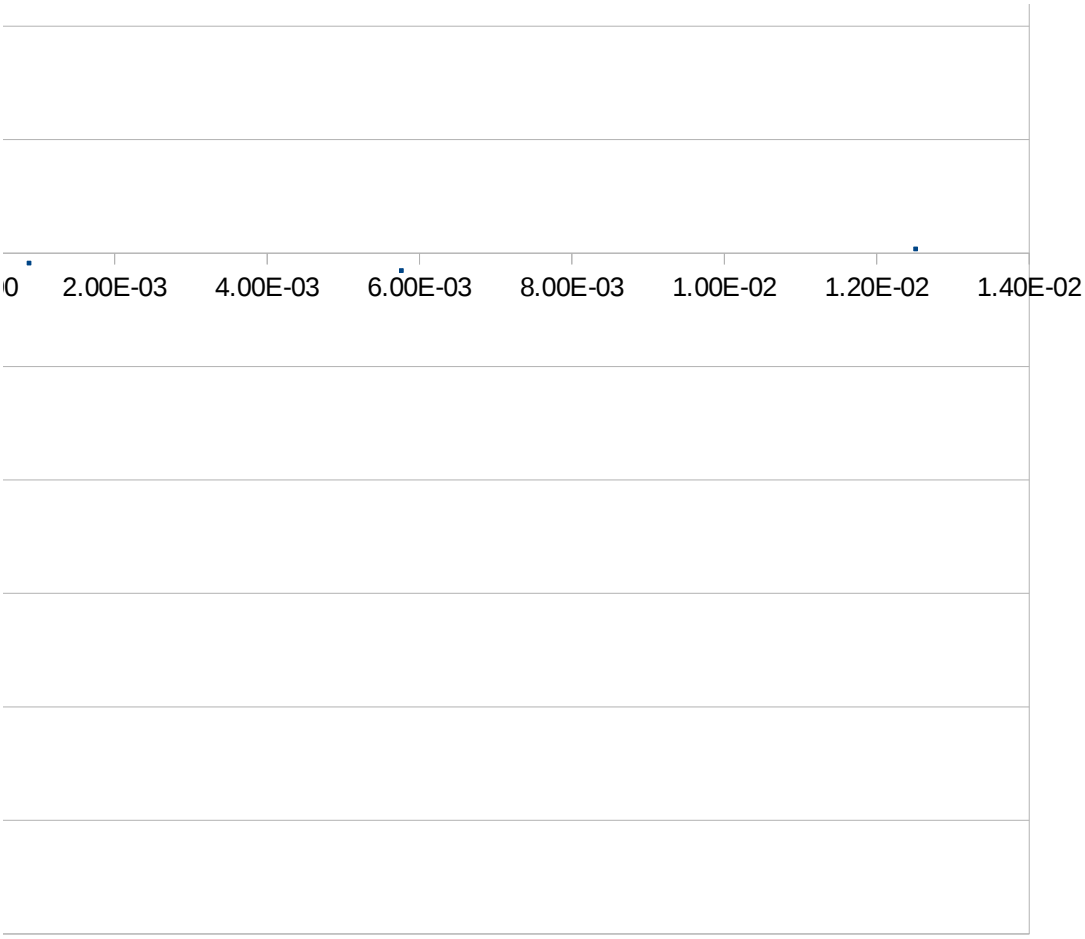








2
6.00E-02
8.00E-02


0
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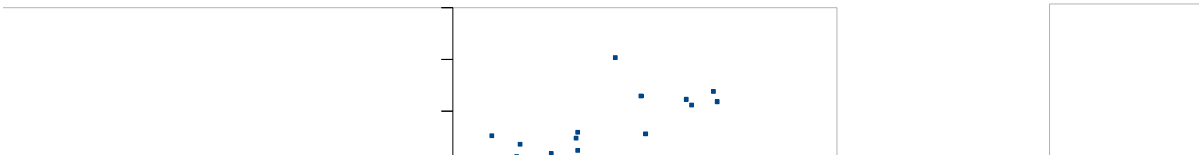
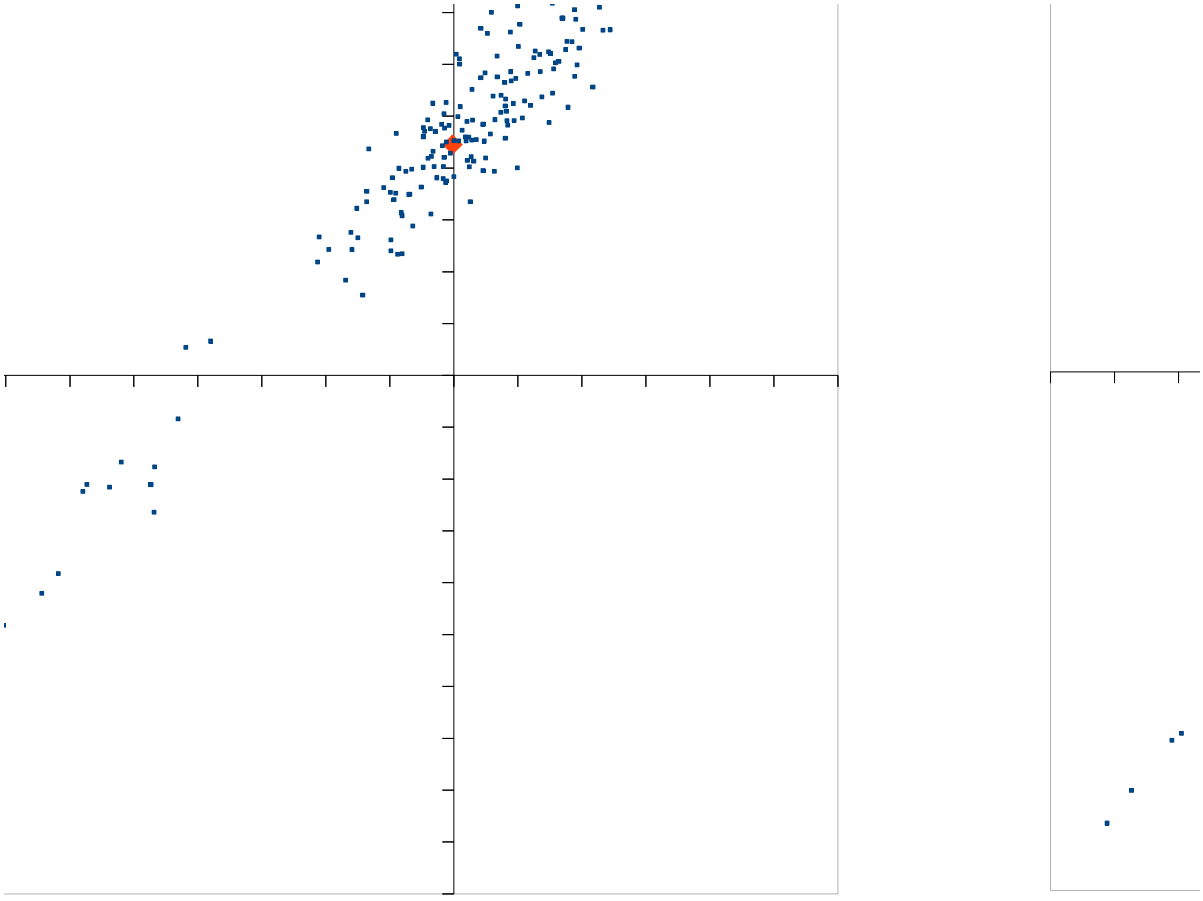
4.00E-03
6.00E-03
8.00E-03
1.00E-02
1.20E-02
1.40E-02





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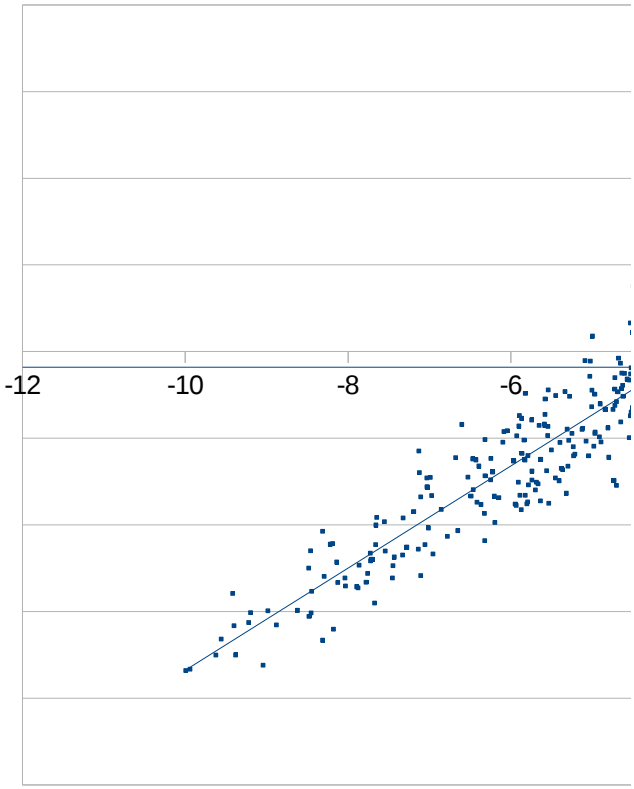
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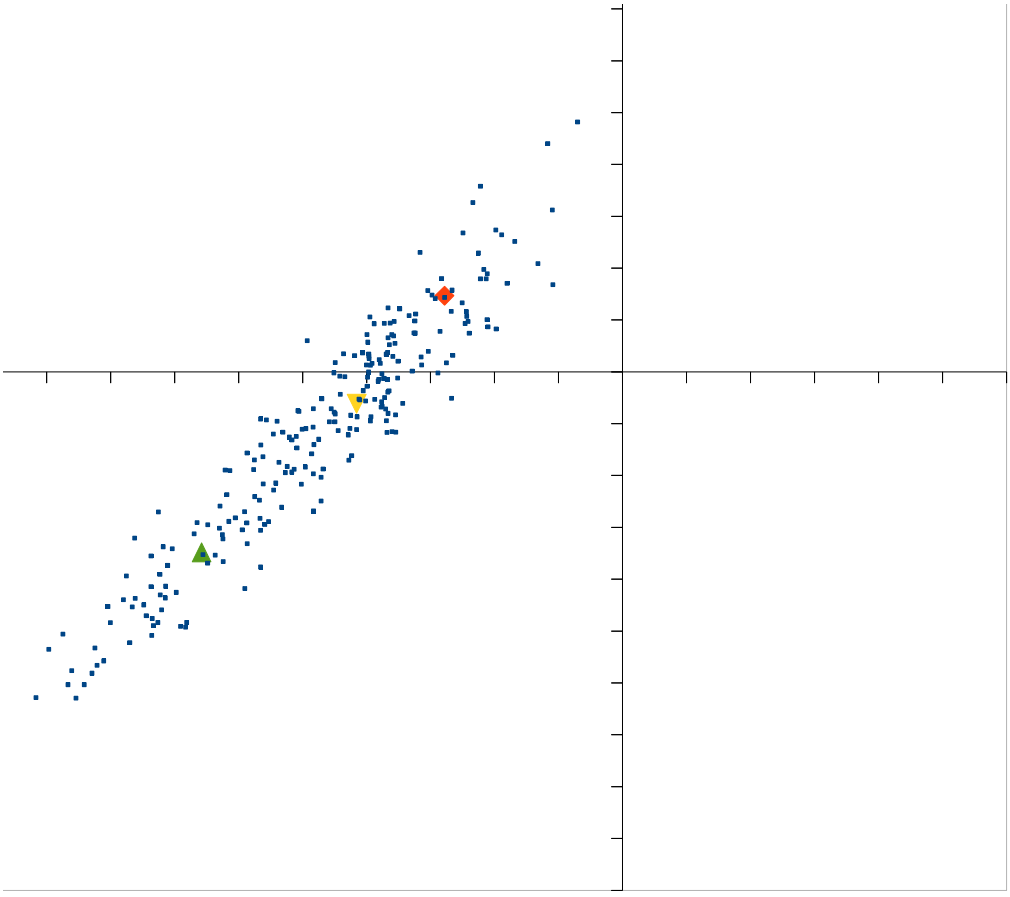

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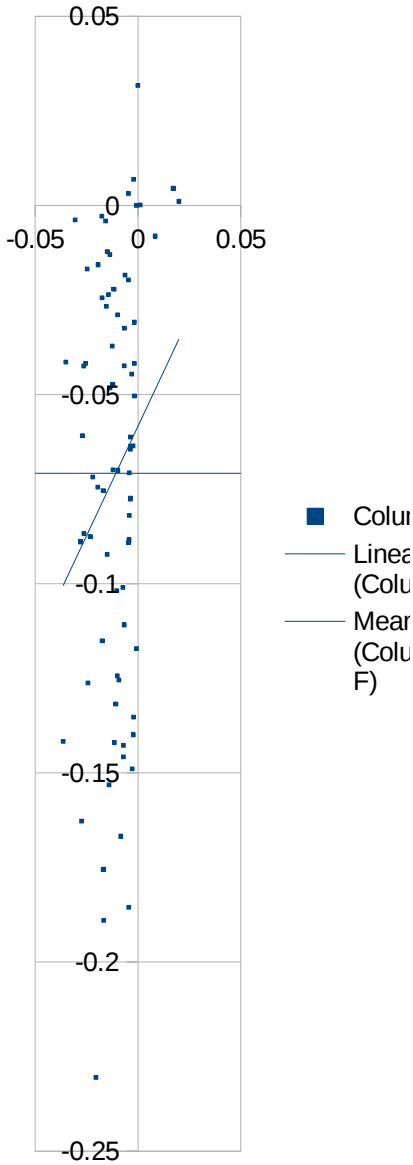

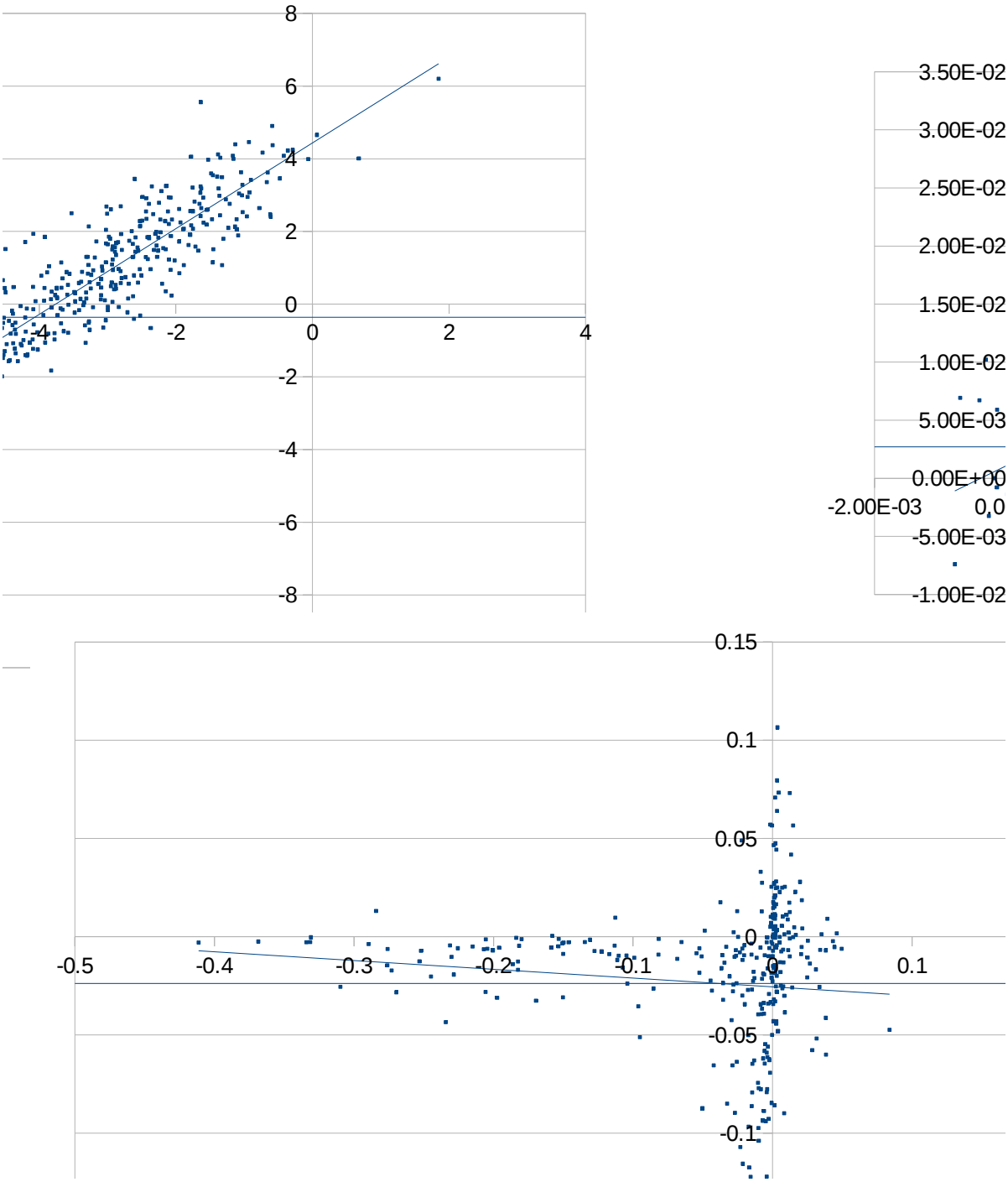
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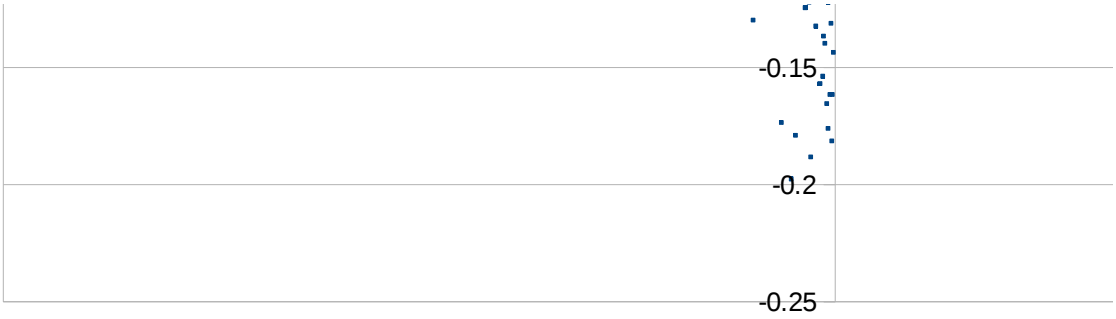
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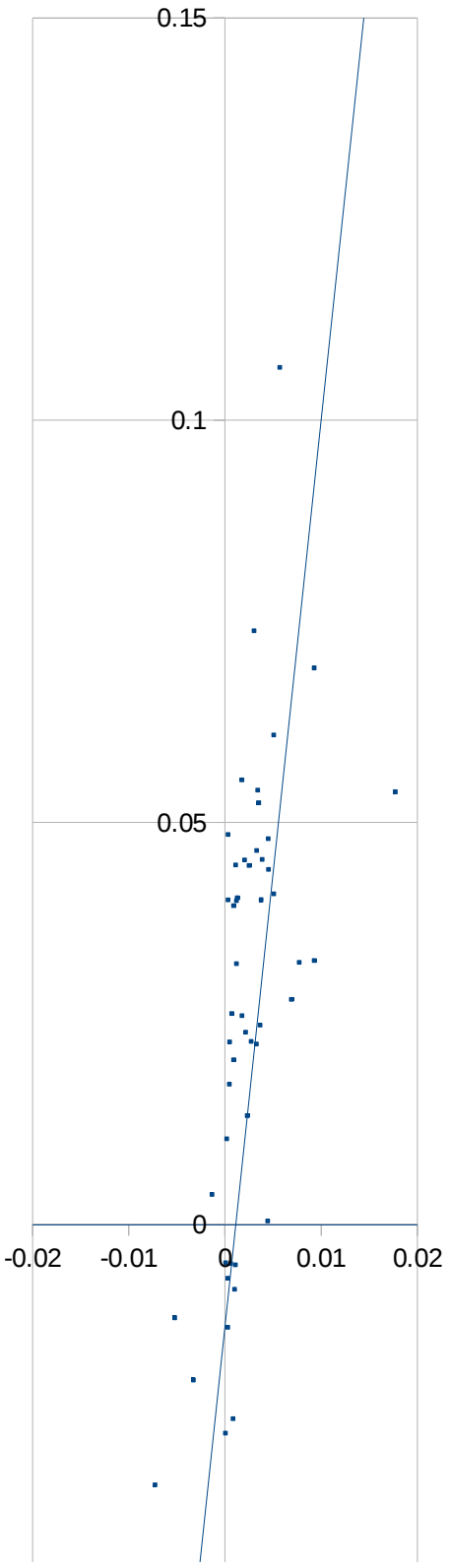

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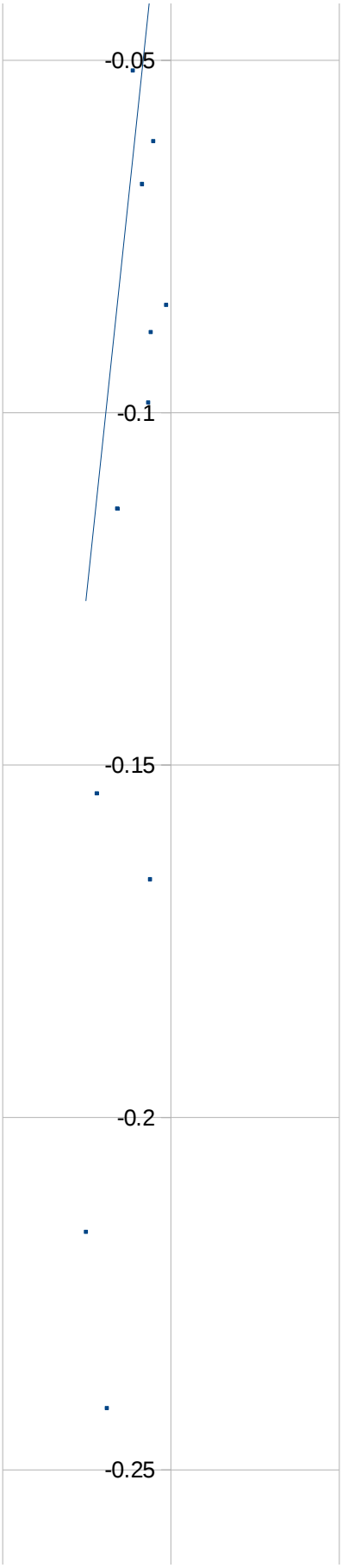

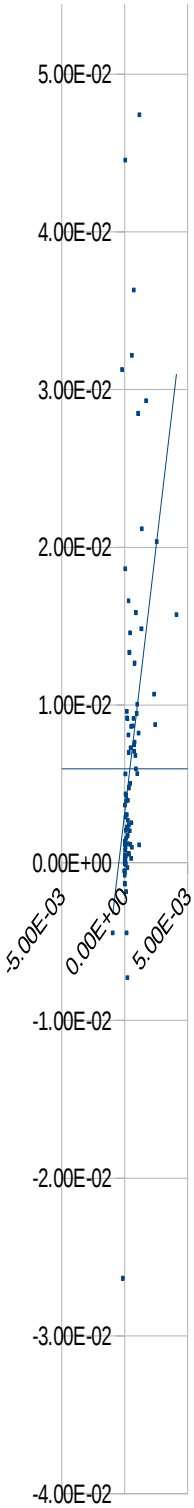

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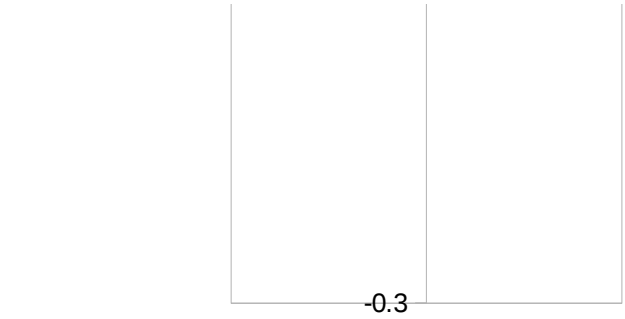
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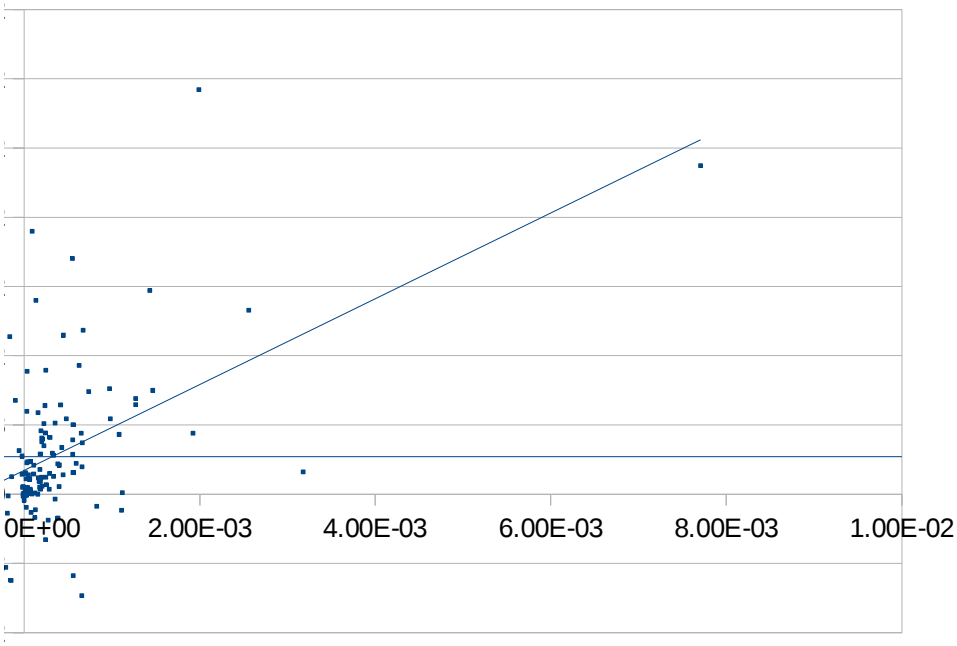
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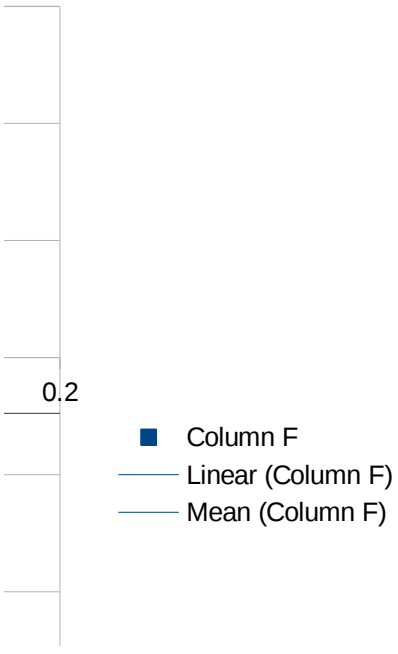
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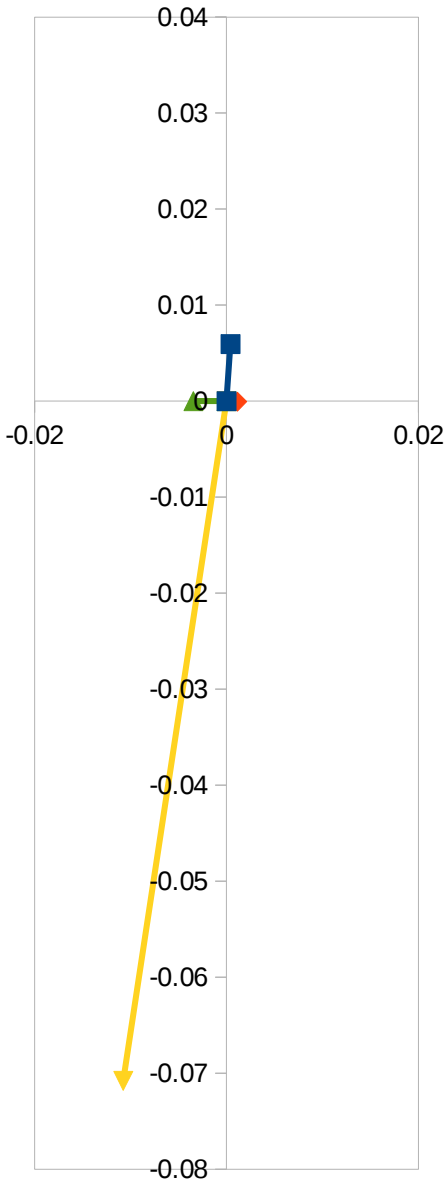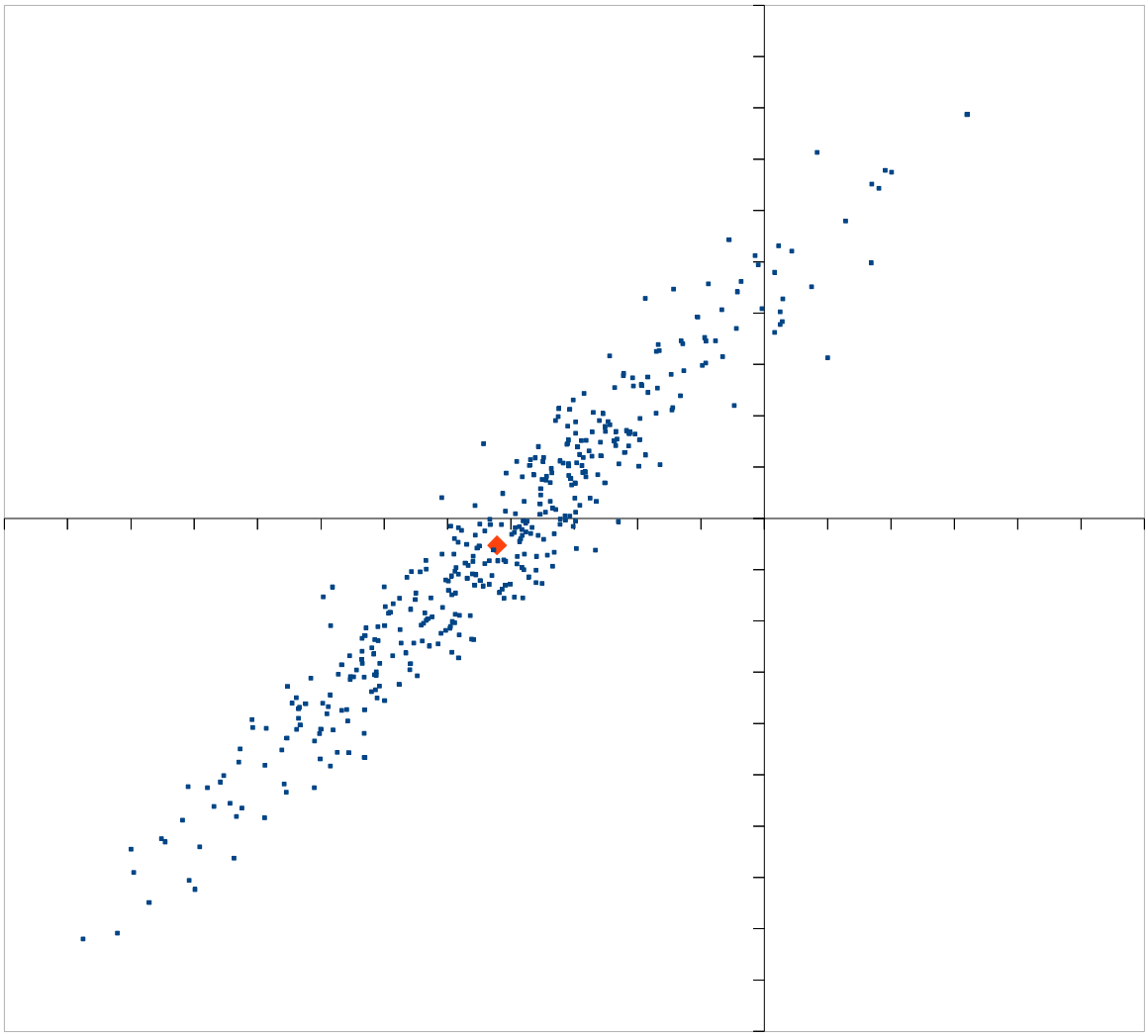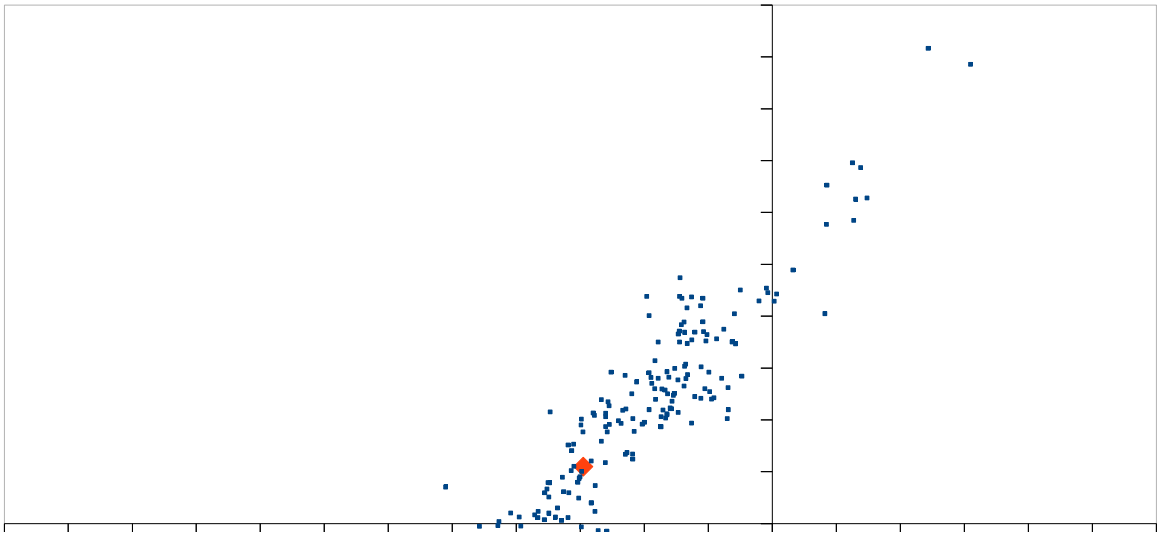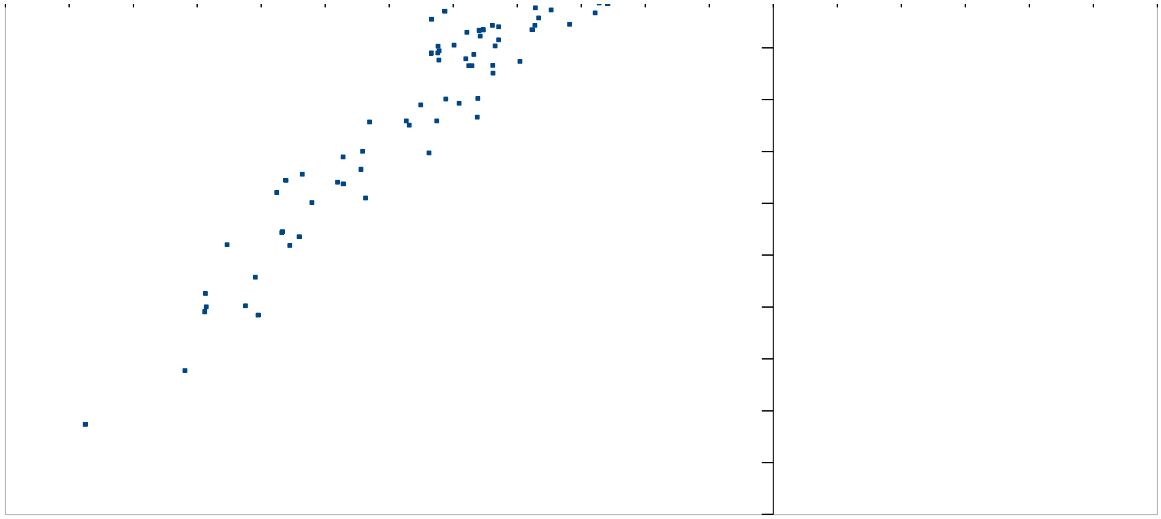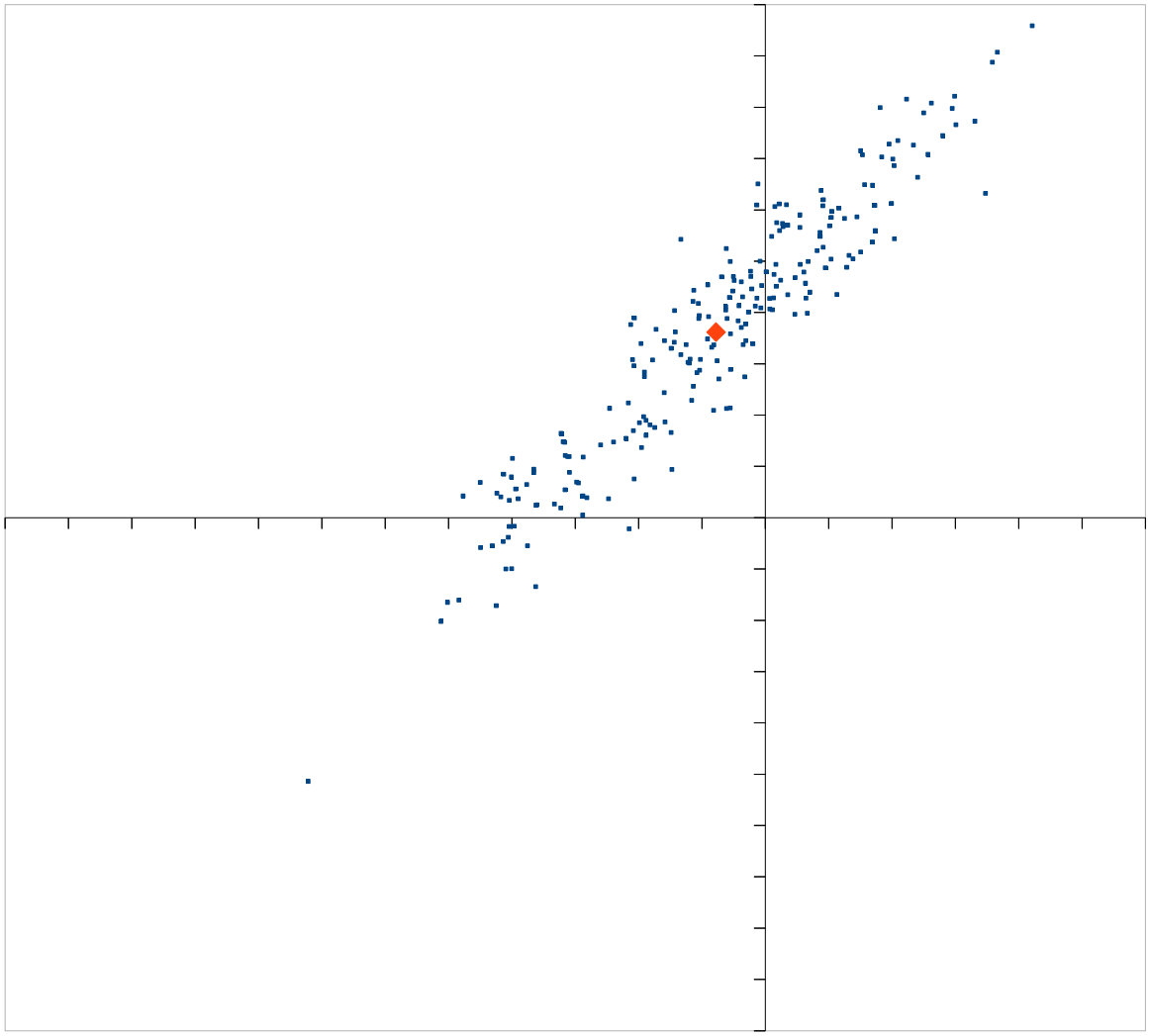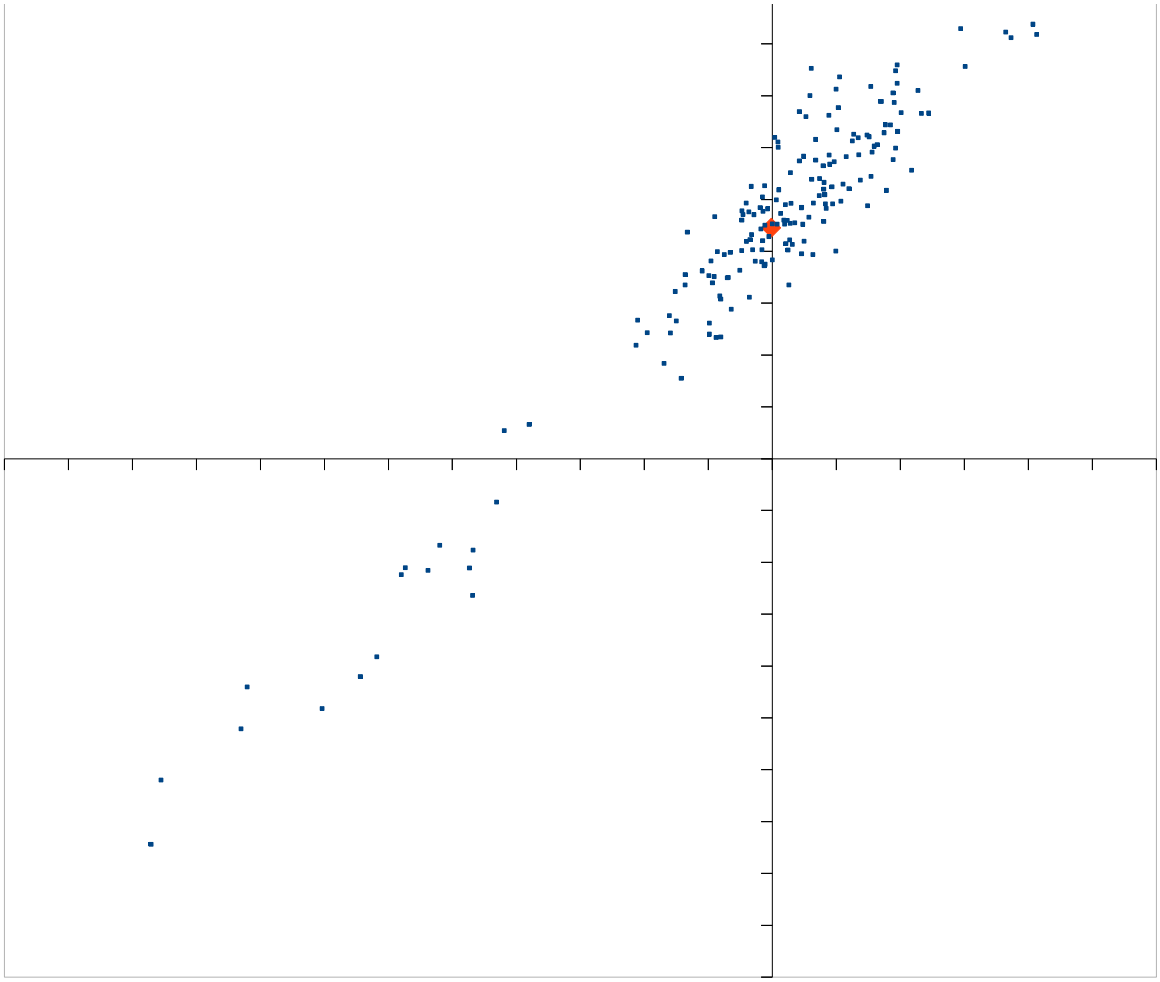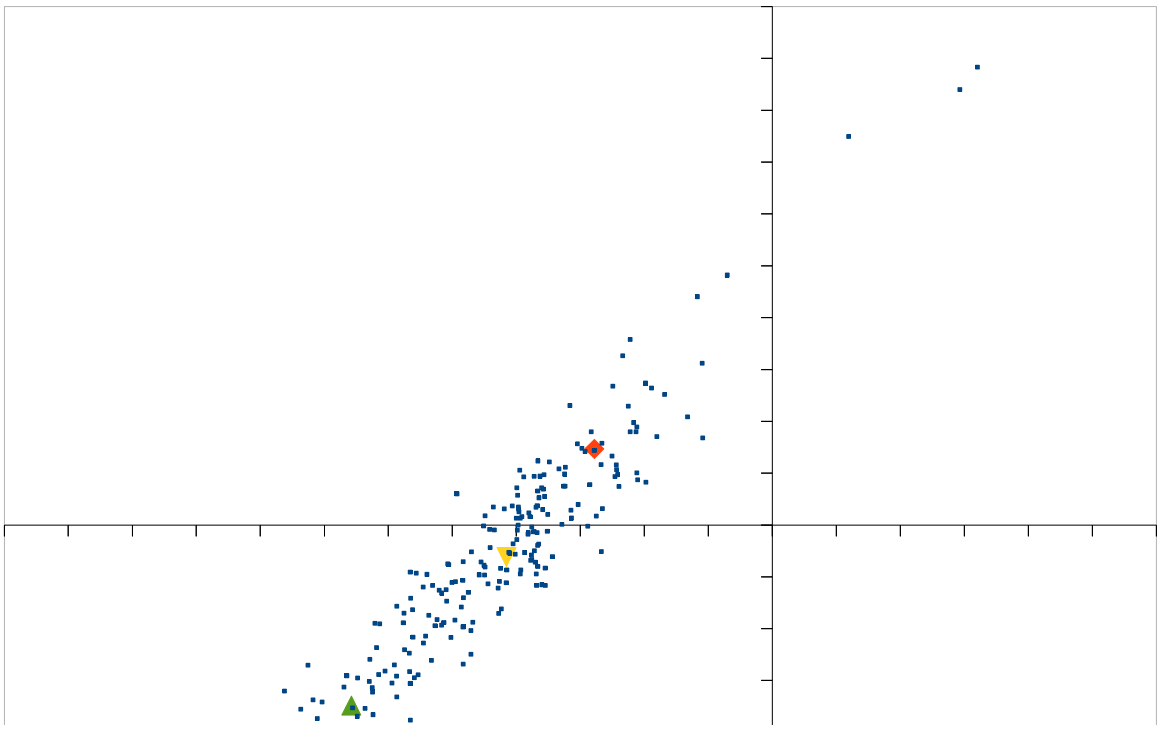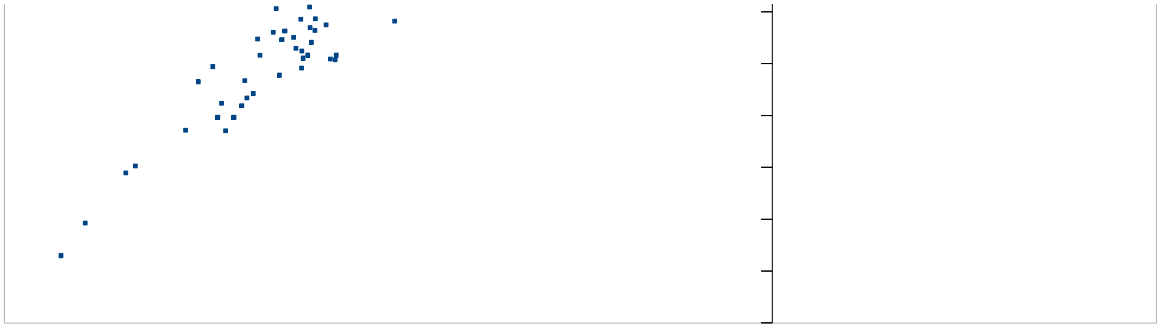
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