

Results For: memcpy-random									
max-alignment	dst > src	with-fixed-size	size		Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
4096	0	0	None		0.442	0.725		0.611	0.774
4096	1	0	None		0.441	0.731		0.626	0.759
4096	-1	0	None		0.441	0.738		0.62	0.769
8192	0	0	None		0.444	0.744		0.618	0.775
8192	1	0	None		0.438	0.733		0.619	0.772
8192	-1	0	None		0.442	0.736		0.623	0.768
16384	0	0	None		0.444	0.74		0.628	0.769
16384	1	0	None		0.447	0.734		0.631	0.769
16384	-1	0	None		0.455	0.746		0.632	0.785
32768	0	0	None		0.447	0.727		0.624	0.762
32768	1	0	None		0.459	0.735		0.634	0.776
32768	-1	0	None		0.467	0.745		0.651	0.79
65536	0	0	None		0.463	0.75		0.645	0.792
65536	1	0	None		0.538	0.742		0.754	0.785
65536	-1	0	None		0.516	0.736		0.727	0.773
131072	0	0	None		0.526	0.74		0.733	0.781
131072	1	0	None		0.61	0.73		0.841	0.776
131072	-1	0	None		0.572	0.724		0.79	0.767
262144	0	0	None		0.571	0.73		0.784	0.766
262144	1	0	None		0.632	0.745		0.849	0.78
262144	-1	0	None		0.6	0.728		0.811	0.767
524288	0	0	None		0.595	0.74		0.821	0.774
524288	1	0	None		0.662	0.764		0.873	0.803
524288	-1	0	None		0.613	0.742		0.837	0.775
4096	0	1	1024		0.986	0.971		0.985	0.981
4096	1	1	1024		0.985	0.973		0.986	0.981
4096	-1	1	1024		0.984	0.973		0.984	0.981
8192	0	1	2048		0.986	0.973		0.988	0.981
8192	1	1	2048		0.987	0.973		0.988	0.976
8192	-1	1	2048		0.986	0.975		0.988	0.983
16384	0	1	4096		0.796	0.942		0.989	0.935
16384	1	1	4096		0.798	0.945		0.99	0.946

16384	-1	1	4096		0.796	0.961		0.992	0.961
32768	0	1	8192		0.767	0.884		0.993	0.979
32768	1	1	8192		0.86	0.923		0.995	0.977
32768	-1	1	8192		0.871	0.906		0.995	0.989
65536	0	1	16384		0.87	0.897		0.993	0.985
65536	1	1	16384		0.94	0.954		0.994	0.98
65536	-1	1	16384		0.934	0.905		0.992	0.991
Results For: memcpy									
length	align1	align2	dst > src		Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
1	0	0	0		1.165	1.408		1.331	1.286
1	0	0	1		1.166	1.39		1.33	1.295
1	32	0	0		1.168	1.409		1.331	1.329
1	32	0	1		1.165	1.427		1.331	1.295
1	0	32	0		1.166	1.427		1.317	1.33
1	0	32	1		1.166	1.427		1.304	1.311
1	32	32	0		1.142	1.431		1.302	1.331
1	32	32	1		1.14	1.441		1.303	1.312
1	2048	0	0		1.235	1.429		1.36	1.304
1	2048	0	1		1.248	1.426		1.427	1.277
2	0	0	0		1	1.025		1	1.07
2	0	0	1		0.999	1.022		0.998	1.055
2	1	0	0		0.998	0.985		0.986	1.069
2	1	0	1		0.987	0.995		0.964	1.026
2	33	0	0		0.997	1.011		0.976	1.267
2	33	0	1		1.012	1.077		1.009	1.162
2	0	1	0		1.023	1.039		1.011	1.077
2	0	1	1		0.989	1.034		0.999	1.087
2	0	33	0		1.022	1.033		1.001	1.137
2	0	33	1		1.002	1.003		0.999	1.233
2	1	1	0		1.003	1.038		1	1.108
2	1	1	1		1.023	1.062		1	1.074
2	33	33	0		1.002	1.083		1	1.122
2	33	33	1		1.023	1.093		1	1.122

2	2048	0	0		1	1.002		1	1.162
2	2048	0	1		1.001	1.109		0.998	1.268
2	2049	0	0		1.001	1.088		1.001	1.221
2	2049	0	1		1.001	1.015		0.999	1.229
2	2048	1	0		0.999	0.99		0.999	1.132
2	2048	1	1		0.999	1.014		0.999	1.159
2	2049	1	0		1.001	1.002		0.999	1.198
2	2049	1	1		1.023	1.062		1	1.213
4	0	0	0		1.164	1.249		1.143	1.062
4	0	0	1		1.165	1.216		1.141	1.061
4	2	0	0		1.164	1.216		1.14	1.064
4	2	0	1		1.166	1.216		1.143	1.062
4	34	0	0		1.167	1.217		1.141	1.113
4	34	0	1		1.165	1.216		1.141	1.112
4	0	2	0		1.114	1.215		1.142	1.067
4	0	2	1		1.165	1.215		1.142	1.061
4	0	34	0		1.166	1.216		1.142	1.112
4	0	34	1		1.166	1.217		1.142	1.113
4	2	2	0		1.165	1.216		1.142	1.069
4	2	2	1		1.166	1.216		1.142	1.061
4	34	34	0		1.164	1.215		1.141	1.068
4	34	34	1		1.164	1.229		1.141	1.087
4	2048	0	0		1.186	1.25		1.165	1.143
4	2048	0	1		1.165	1.216		1.142	1.113
4	2050	0	0		1.165	1.216		1.142	1.113
4	2050	0	1		1.164	1.216		1.142	1.113
4	2048	2	0		1.166	1.216		1.142	1.113
4	2048	2	1		1.166	1.216		1.141	1.113
4	2050	2	0		1.166	1.216		1.142	1.113
4	2050	2	1		1.166	1.217		1.142	1.113
8	0	0	0		1.003	0.889		1.002	0.965
8	0	0	1		1	0.866		1	0.955
8	3	0	0		1	0.878		0.999	0.943
8	3	0	1		1.138	0.877		0.999	0.942

8	35	0	0		1.12	0.877		0.999	0.853
8	35	0	1		1.048	0.865		0.999	0.852
8	0	3	0		0.999	0.866		1.001	0.941
8	0	3	1		1.122	0.877		0.999	0.942
8	0	35	0		1.001	0.888		1	0.875
8	0	35	1		1.002	0.888		1	0.875
8	3	3	0		1.121	0.889		1	0.964
8	3	3	1		1.07	0.89		0.999	0.966
8	35	35	0		0.989	0.89		1.001	0.966
8	35	35	1		1.001	0.89		1	0.966
8	2048	0	0		1.022	0.878		1.001	0.865
8	2048	0	1		1.012	0.889		1	0.876
8	2051	0	0		1.038	0.889		0.999	0.875
8	2051	0	1		1	0.889		1	0.876
8	2048	3	0		1	0.889		1.001	0.876
8	2048	3	1		1	0.889		1	0.876
8	2051	3	0		1.002	0.889		1	0.875
8	2051	3	1		1	0.889		1.001	0.875
16	0	0	0		0.877	0.945		0.876	0.91
16	0	0	1		0.873	0.941		0.875	0.925
16	4	0	0		0.859	0.941		0.875	0.925
16	4	0	1		0.952	0.941		0.875	0.924
16	36	0	0		0.858	1		0.875	0.999
16	36	0	1		0.858	0.999		0.874	0.999
16	0	4	0		0.859	0.942		0.875	0.925
16	0	4	1		0.859	0.94		0.876	0.924
16	0	36	0		0.858	1		0.874	0.999
16	0	36	1		0.858	1		0.875	0.999
16	4	4	0		0.859	0.94		0.876	0.927
16	4	4	1		0.876	0.941		0.875	0.926
16	36	36	0		0.878	0.939		0.875	0.927
16	36	36	1		0.956	0.939		0.875	0.927
16	2048	0	0		0.858	0.988		0.875	0.987
16	2048	0	1		0.857	1		0.875	0.999

16	2052	0	0		0.857	1		0.875	0.999
16	2052	0	1		0.858	1		0.875	0.999
16	2048	4	0		0.867	1		0.875	0.999
16	2048	4	1		0.849	1.027		0.866	1.025
16	2052	4	0		0.848	1.027		0.857	1.026
16	2052	4	1		0.874	1.027		0.875	1.026
32	0	0	0		0.867	1.013		0.998	0.884
32	0	0	1		0.874	1.012		0.999	0.882
32	5	0	0		0.866	1.013		1.021	0.953
32	5	0	1		0.94	1.014		0.998	0.957
32	37	0	0		1.185	1.333		1.383	1.195
32	37	0	1		1.172	1.334		1.369	1.181
32	0	5	0		0.84	1.001		0.978	0.874
32	0	5	1		0.857	1		1.001	0.875
32	0	37	0		1.199	1.332		1.399	1.165
32	0	37	1		1.198	1.333		1.399	1.164
32	5	5	0		0.858	0.99		0.999	0.864
32	5	5	1		0.859	0.989		0.999	0.864
32	37	37	0		0.638	0.759		0.638	0.78
32	37	37	1		0.654	0.765		0.637	0.779
32	2048	0	0		1.2	1.332		1.398	1.165
32	2048	0	1		1.199	1.331		1.398	1.166
32	2053	0	0		1.2	1.331		1.399	1.166
32	2053	0	1		1.199	1.331		1.4	1.165
32	2048	5	0		1.202	1.333		1.397	1.165
32	2048	5	1		1.199	1.332		1.4	1.164
32	2053	5	0		1.199	1.331		1.398	1.165
32	2053	5	1		1.201	1.332		1.399	1.163
64	0	0	0		1.003	1.032		1.002	0.928
64	0	0	1		1.001	1.029		1.001	0.898
64	6	0	0		1.069	0.972		1	1
64	6	0	1		1.012	0.974		1	0.999
64	38	0	0		1	1.042		1	0.999
64	38	0	1		1	1.005		0.999	0.999

64	0	6	0		0.999	0.963		0.998	1
64	0	6	1		0.999	0.961		0.998	1
64	0	38	0		0.978	0.828		0.978	1.001
64	0	38	1		0.978	0.823		0.978	0.999
64	6	6	0		0.913	1		0.978	1.001
64	6	6	1		1.044	1		0.977	1
64	38	38	0		0.955	1.033		0.894	1.001
64	38	38	1		0.966	1.004		0.956	1.001
64	2048	0	0		0.782	0.834		0.976	1
64	2048	0	1		0.782	0.833		0.976	1.001
64	2054	0	0		0.781	0.833		0.976	1
64	2054	0	1		0.781	0.833		0.975	1
64	2048	6	0		0.782	0.832		0.976	1
64	2048	6	1		0.782	0.833		0.975	1.001
64	2054	6	0		0.782	0.833		0.976	1.001
64	2054	6	1		0.782	0.833		0.977	1
128	0	0	0		0.976	1.029		0.976	0.963
128	0	0	1		0.977	1.001		0.976	0.963
128	7	0	0		0.998	1.017		0.977	0.814
128	7	0	1		1.02	1.021		0.977	0.814
128	39	0	0		0.988	1		0.978	1.02
128	39	0	1		1	1		0.999	1.019
128	0	7	0		0.991	0.999		0.999	0.858
128	0	7	1		0.991	0.998		0.999	0.859
128	0	39	0		0.999	1		1	0.945
128	0	39	1		0.999	1.003		1	0.946
128	7	7	0		0.999	0.994		0.999	1.002
128	7	7	1		0.999	0.984		1	1.003
128	39	39	0		0.999	1		0.999	0.993
128	39	39	1		1	0.992		1	0.997
128	2048	0	0		0.999	1.025		1	0.8
128	2048	0	1		0.999	1.055		0.999	0.8
128	2055	0	0		0.999	1.055		0.999	0.801
128	2055	0	1		0.998	1.005		0.999	0.8

128	2048	7	0		0.977	1.055		0.978	0.801
128	2048	7	1		0.977	1.056		0.976	0.801
128	2055	7	0		0.977	1.056		0.977	0.801
128	2055	7	1		0.977	1.055		0.977	0.801
256	0	0	0		0.976	0.956		0.977	1
256	0	0	1		0.977	0.957		0.977	1
256	8	0	0		0.976	1		0.976	1
256	8	0	1		0.976	1		0.976	1
256	40	0	0		1	1		1	1
256	40	0	1		1	1		1	1
256	0	8	0		1	1		0.99	1
256	0	8	1		1	1		0.99	1
256	0	40	0		1	0.999		1	1
256	0	40	1		1	1.001		1	0.999
256	8	8	0		0.976	1		1	0.975
256	8	8	1		0.976	1		1	1
256	40	40	0		0.976	1		1	0.991
256	40	40	1		1	1		1	1
256	2048	0	0		1.001	0.917		0.999	1
256	2048	0	1		1.001	0.916		0.999	0.999
256	2056	0	0		1	0.916		1	1
256	2056	0	1		1.001	0.892		0.999	0.972
256	2048	8	0		0.988	0.972		1	0.972
256	2048	8	1		0.976	1		0.976	1
256	2056	8	0		0.976	0.972		0.976	0.986
256	2056	8	1		0.976	0.999		0.976	1
512	0	0	0		0.976	0.926		0.976	0.99
512	0	0	1		0.963	0.983		0.928	1.104
512	9	0	0		0.977	1.021		0.976	0.984
512	9	0	1		0.994	1.173		0.854	1.017
512	41	0	0		0.977	0.957		0.976	0.978
512	41	0	1		1.071	1.092		1.01	1.047
512	0	9	0		1	0.982		0.999	0.926
512	0	9	1		1	0.928		1	0.954

512	0	41	0		0.977	1.107		0.977	1.016
512	0	41	1		0.976	1.012		0.999	0.963
512	9	9	0		0.977	0.986		0.988	1.009
512	9	9	1		0.973	0.997		0.956	1.011
512	41	41	0		0.955	0.979		0.988	0.973
512	41	41	1		0.976	0.991		0.985	1.013
512	2048	0	0		0.938	0.822		0.885	0.828
512	2048	0	1		0.887	0.978		0.974	0.979
512	2057	0	0		0.976	0.812		0.976	0.827
512	2057	0	1		0.854	0.944		0.921	0.949
512	2048	9	0		0.928	0.855		0.971	0.872
512	2048	9	1		0.867	0.986		0.947	0.996
512	2057	9	0		0.939	0.834		0.93	0.893
512	2057	9	1		0.85	0.971		0.922	0.949
1024	0	0	0		0.994	0.893		1.05	0.947
1024	0	0	1		0.93	0.974		0.954	0.977
1024	10	0	0		0.984	0.995		0.988	0.988
1024	10	0	1		0.899	0.945		0.682	0.819
1024	42	0	0		0.998	0.929		1	0.984
1024	42	0	1		1.098	1.122		1.125	1.119
1024	0	10	0		1	0.961		1	0.989
1024	0	10	1		0.999	1.001		1	0.99
1024	0	42	0		0.994	0.981		1	0.975
1024	0	42	1		0.981	1		0.985	1.004
1024	10	10	0		0.978	0.952		1.058	0.986
1024	10	10	1		0.947	0.998		0.982	1.001
1024	42	42	0		0.971	0.978		0.976	1.002
1024	42	42	1		0.909	1		0.942	1.002
1024	2048	0	0		0.999	0.787		1.073	0.829
1024	2048	0	1		0.909	0.977		0.942	0.986
1024	2058	0	0		0.965	0.837		0.976	0.856
1024	2058	0	1		0.942	1.012		0.947	0.98
1024	2048	10	0		0.97	0.857		0.976	0.895
1024	2048	10	1		0.92	1		0.976	0.997



1024	2058	10	0		1.016	0.857		1.076	0.878
1024	2058	10	1		0.909	1		0.942	1
2048	0	0	0		0.935	1.011		0.933	1
2048	0	0	1		0.815	1		0.802	1
2048	11	0	0		0.977	1.005		0.998	1
2048	11	0	1		0.837	0.921		0.676	0.77
2048	43	0	0		0.978	1		0.997	0.999
2048	43	0	1		1.146	1.097		1.221	1.209
2048	0	11	0		0.969	0.996		0.977	0.989
2048	0	11	1		1.005	0.962		1	0.968
2048	0	43	0		0.988	0.961		0.985	0.976
2048	0	43	1		0.992	0.978		0.981	0.988
2048	11	11	0		0.932	0.977		0.934	0.972
2048	11	11	1		0.878	1		0.86	0.994
2048	43	43	0		0.959	1		0.955	1
2048	43	43	1		0.854	1		0.848	1
2048	2048	0	0		0.934	0.999		0.939	1
2048	2048	0	1		0.788	1		0.788	1
2048	2059	0	0		1.001	0.989		1	1.006
2048	2059	0	1		0.964	0.941		0.962	1.002
2048	2048	11	0		0.973	1		1	0.998
2048	2048	11	1		1.006	0.988		1	0.989
2048	2059	11	0		0.92	0.972		0.935	0.972
2048	2059	11	1		0.796	0.973		0.798	0.972
4096	0	0	0		0.99	0.945		0.951	0.942
4096	0	0	1		0.98	1		0.897	1
4096	12	0	0		1.045	0.967		0.979	0.946
4096	12	0	1		1.018	0.956		0.689	0.8
4096	44	0	0		1.048	0.966		0.998	1
4096	44	0	1		1.032	1.149		1.263	1.255
4096	0	12	0		1.045	0.96		0.981	0.972
4096	0	12	1		1.028	0.964		0.981	0.964
4096	0	44	0		1.004	0.936		1.004	0.971
4096	0	44	1		1.028	0.995		1.008	0.995

4096	12	12	0		0.936	1.004		0.963	1.003
4096	12	12	1		0.943	0.993		0.985	0.996
4096	44	44	0		0.968	0.976		0.979	0.969
4096	44	44	1		0.88	0.973		0.896	0.981
4096	2048	0	0		1.031	0.937		0.936	0.945
4096	2048	0	1		0.934	0.973		0.904	0.977
4096	2060	0	0		1.054	0.94		0.98	0.928
4096	2060	0	1		1.036	0.996		0.987	0.986
4096	2048	12	0		0.977	0.987		0.993	0.987
4096	2048	12	1		0.967	0.992		0.997	0.994
4096	2060	12	0		0.89	0.987		0.939	0.986
4096	2060	12	1		0.868	0.994		0.953	0.991
8192	0	0	0		1.007	1.015		0.953	0.999
8192	0	0	1		1.012	1.01		0.938	1
8192	13	0	0		1.046	0.986		0.988	0.98
8192	13	0	1		1.055	0.98		0.76	0.766
8192	45	0	0		1.024	1.005		0.943	0.99
8192	45	0	1		1.027	1.009		1.254	1.278
8192	0	13	0		1.016	1.012		0.969	0.996
8192	0	13	1		1.013	1.007		0.966	0.977
8192	0	45	0		1.008	0.967		0.991	0.987
8192	0	45	1		1.008	0.972		0.973	0.983
8192	13	13	0		0.965	0.672		0.972	1.003
8192	13	13	1		0.962	0.658		0.968	0.977
8192	45	45	0		0.962	0.679		0.976	0.998
8192	45	45	1		0.962	0.679		0.937	0.997
8192	2048	0	0		1.012	1.012		0.958	0.995
8192	2048	0	1		1.008	1.007		0.93	0.998
8192	2061	0	0		1.07	0.992		0.985	0.978
8192	2061	0	1		1.025	1.01		0.95	0.981
8192	2048	13	0		1.005	0.666		0.977	0.973
8192	2048	13	1		0.97	0.679		0.954	0.991
8192	2061	13	0		0.995	0.673		0.959	0.996
8192	2061	13	1		0.998	0.679		0.969	0.999

16384	0	0	0		0.994	1.003		0.999	0.987
16384	0	0	1		1.003	0.979		0.991	0.991
16384	14	0	0		1.016	1		0.991	1.013
16384	14	0	1		1.03	1.001		0.753	0.963
16384	46	0	0		1.018	0.996		1.001	1.017
16384	46	0	1		1.006	0.976		1.263	1.26
16384	0	14	0		0.852	0.976		0.985	0.972
16384	0	14	1		0.859	0.976		0.99	0.989
16384	0	46	0		0.856	0.993		1.009	0.999
16384	0	46	1		0.857	0.994		0.984	0.989
16384	14	14	0		0.982	0.626		0.994	0.998
16384	14	14	1		0.96	0.62		0.994	0.979
16384	46	46	0		0.973	0.65		1	0.994
16384	46	46	1		0.98	0.653		0.984	0.977
16384	2048	0	0		1.009	1.003		1.005	1.02
16384	2048	0	1		1.006	0.999		0.993	1.03
16384	2062	0	0		1.025	1.005		0.993	0.999
16384	2062	0	1		1.016	1.002		0.991	0.98
16384	2048	14	0		0.99	0.604		0.986	1.016
16384	2048	14	1		0.989	0.61		0.987	0.991
16384	2062	14	0		1.004	0.606		1.001	0.966
16384	2062	14	1		1.006	0.612		1.005	0.976
32768	0	0	0		1.006	0.993		1	0.988
32768	0	0	1		1.012	0.993		1.012	0.974
32768	15	0	0		0.964	1.009		1.008	0.979
32768	15	0	1		0.965	0.996		1.016	0.968
32768	47	0	0		0.966	0.991		1.006	0.994
32768	47	0	1		0.961	0.993		1.068	1.007
32768	0	15	0		0.964	0.996		1.006	1.002
32768	0	15	1		0.963	0.996		1.007	0.993
32768	0	47	0		0.96	0.993		1.003	0.996
32768	0	47	1		0.963	0.996		1.008	0.98
32768	15	15	0		1.003	0.858		1.003	0.986
32768	15	15	1		1.003	0.846		1.005	0.987

32768	47	47	0		1.003	0.844		1.005	0.994
32768	47	47	1		1	0.844		1.006	0.989
32768	2048	0	0		1.01	1.004		1	0.994
32768	2048	0	1		1.01	1		1.006	0.998
32768	2063	0	0		0.968	0.986		1.003	0.993
32768	2063	0	1		0.98	0.993		1.013	0.996
32768	2048	15	0		0.963	0.831		1.005	0.996
32768	2048	15	1		0.964	0.833		1.005	0.987
32768	2063	15	0		0.999	0.842		1.002	0.999
32768	2063	15	1		0.999	0.846		1.001	0.983
65536	0	0	0		1.002	0.993		1.004	1.011
65536	0	0	1		1.004	1.003		1.011	1.005
65536	16	0	0		0.959	1		1.011	1.012
65536	16	0	1		0.962	1.005		1.017	1.001
65536	48	0	0		0.963	1.002		1.011	1.009
65536	48	0	1		0.956	1		1.072	1.005
65536	0	16	0		0.959	0.997		1.01	0.992
65536	0	16	1		0.961	1.002		1.01	1.003
65536	0	48	0		0.959	0.999		1.009	1.009
65536	0	48	1		0.959	0.999		1.012	1.016
65536	16	16	0		1	0.866		1.006	1.013
65536	16	16	1		1.002	0.874		1.006	1.015
65536	48	48	0		1	0.868		1.005	1.025
65536	48	48	1		0.999	0.869		1.004	1.01
65536	2048	0	0		1.011	0.994		1.003	1
65536	2048	0	1		1.006	1.008		1.004	1.024
65536	2064	0	0		0.965	1.007		1.01	1.008
65536	2064	0	1		0.967	1.012		1.014	1.025
65536	2048	16	0		0.963	0.857		1.008	0.994
65536	2048	16	1		0.963	0.869		1.009	1.026
65536	2064	16	0		1.003	0.868		1.001	0.995
65536	2064	16	1		1.004	0.876		0.997	1.015
0	0	0	0		1.165	1.25		1.142	1.142
0	2048	0	0		1.19	1.25		1.143	1.143

0	4095	0	0		1.139	1.25		1.117	1.143
0	0	4095	0		1.194	1.25		1.157	1.143
1	1	0	0		1.191	1.427		1.317	1.331
1	0	1	0		1.178	1.427		1.331	1.329
1	1	1	0		1.193	1.427		1.334	1.33
1	2049	0	0		1.191	1.429		1.333	1.331
1	2048	1	0		1.179	1.446		1.344	1.333
1	2049	1	0		1.181	1.428		1.318	1.33
1	4095	0	0		1.152	1.426		1.304	1.331
1	0	4095	0		1.14	1.427		1.3	1.314
2	2	0	0		1.002	0.976		1	1.115
2	0	2	0		1	0.975		0.999	1.114
2	2	2	0		1.007	1.003		1	1.122
2	2050	0	0		1.001	0.974		1	1.114
2	2048	2	0		1.017	0.975		1	1.13
2	2050	2	0		1.023	0.975		1	1.198
2	4095	0	0		1	0.764		1.011	0.764
2	0	4095	0		0.606	0.579		0.607	0.579
3	0	0	0		1.022	1.005		0.999	1.078
3	3	0	0		1.023	1.029		0.999	1.283
3	0	3	0		1.001	1.076		1.001	1.231
3	3	3	0		0.999	1.026		1.001	1.054
3	2048	0	0		1	1.028		1	1.174
3	2051	0	0		1.002	1.004		1.001	1.161
3	2048	3	0		1.001	1.017		1	1.175
3	2051	3	0		1.001	1.028		1	1.176
3	4095	0	0		1	1.001		1	1
3	0	4095	0		0.903	0.916		0.902	0.916
4	4	0	0		1.166	1.25		1.142	1.143
4	0	4	0		1.163	1.25		1.142	1.143
4	4	4	0		1.165	1.248		1.142	1.09
4	2052	0	0		1.165	1.25		1.143	1.142
4	2048	4	0		1.166	1.249		1.143	1.143
4	2052	4	0		1.165	1.25		1.142	1.142

4	4095	0	0		1	1.01		1	1.034
4	0	4095	0		1	1		1	1
5	0	0	0		1.164	1.246		1.141	1.09
5	5	0	0		1.165	1.248		1.141	1.143
5	0	5	0		1.165	1.249		1.142	1.142
5	5	5	0		1.164	1.247		1.141	1.07
5	2048	0	0		1.166	1.248		1.142	1.142
5	2053	0	0		1.165	1.249		1.142	1.142
5	2048	5	0		1.167	1.249		1.143	1.142
5	2053	5	0		1.165	1.249		1.143	1.142
5	4095	0	0		1	1.045		1	1.045
5	0	4095	0		0.86	0.846		0.86	0.846
6	0	0	0		1.164	1.247		1.143	1.089
6	6	0	0		1.166	1.249		1.143	1.142
6	0	6	0		1.166	1.25		1.142	1.142
6	6	6	0		1.165	1.247		1.131	1.09
6	2048	0	0		1.166	1.249		1.143	1.143
6	2054	0	0		1.177	1.25		1.142	1.142
6	2048	6	0		1.187	1.25		1.167	1.142
6	2054	6	0		1.168	1.249		1.143	1.143
6	4095	0	0		1	1.046		1	1.045
6	0	4095	0		0.861	0.846		0.86	0.846
7	0	0	0		1.165	1.247		1.143	1.092
7	7	0	0		1.165	1.25		1.143	1.144
7	0	7	0		1.167	1.25		1.142	1.142
7	7	7	0		1.165	1.248		1.142	1.091
7	2048	0	0		1.166	1.251		1.142	1.142
7	2055	0	0		1.166	1.249		1.143	1.144
7	2048	7	0		1.179	1.249		1.143	1.144
7	2055	7	0		1.188	1.25		1.167	1.142
7	4095	0	0		1	1		1	1.015
7	0	4095	0		0.902	0.892		0.902	0.892
8	8	0	0		1	0.89		1	0.876
8	0	8	0		1.012	0.889		0.99	0.875

8	8	8	0		1.133	0.89		0.998	0.967
8	2056	0	0		1	0.889		1	0.876
8	2048	8	0		1.022	0.889		1	0.875
8	2056	8	0		1.072	0.889		1	0.876
8	4095	0	0		1	1.002		1	0.898
8	0	4095	0		1	1		1	1
9	0	0	0		1.003	0.889		0.999	0.969
9	9	0	0		1.164	0.889		1	0.875
9	0	9	0		1.014	0.889		0.999	0.875
9	9	9	0		1	0.89		1	0.967
9	2048	0	0		1.002	0.889		0.999	0.876
9	2057	0	0		1.002	0.889		1	0.876
9	2048	9	0		1.001	0.89		0.999	0.876
9	2057	9	0		1.001	0.89		0.999	0.876
9	4095	0	0		1	1.046		1	1.046
9	0	4095	0		0.87	0.844		0.87	0.842
10	0	0	0		1.002	0.89		1.002	0.968
10	10	0	0		1.024	0.889		1	0.876
10	0	10	0		1.011	0.889		1	0.876
10	10	10	0		1.14	0.89		0.999	0.967
10	2048	0	0		1.144	0.89		1	0.876
10	2058	0	0		1.163	0.889		1.001	0.876
10	2048	10	0		1	0.889		1.001	0.877
10	2058	10	0		1.023	0.889		1	0.876
10	4095	0	0		1	1.045		1	1.045
10	0	4095	0		0.86	0.843		0.86	0.842
11	0	0	0		1.14	0.89		1	0.967
11	11	0	0		1.064	0.889		1.01	0.876
11	0	11	0		1.022	0.888		1.001	0.876
11	11	11	0		1.023	0.889		1	0.968
11	2048	0	0		1.144	0.889		1	0.876
11	2059	0	0		1.002	0.889		1	0.876
11	2048	11	0		1.013	0.889		1	0.876
11	2059	11	0		1.075	0.889		1.001	0.876

11	4095	0	0		1	1.045		1	1.046
11	0	4095	0		0.86	0.844		0.86	0.842
12	0	0	0		1	0.89		1.001	0.967
12	12	0	0		1.143	0.889		1.022	0.875
12	0	12	0		1.023	0.889		1.011	0.875
12	12	12	0		1.049	0.89		1	0.968
12	2048	0	0		1.021	0.889		1.002	0.876
12	2060	0	0		1.021	0.89		1	0.875
12	2048	12	0		1.002	0.889		0.999	0.875
12	2060	12	0		1.022	0.889		1.002	0.876
12	4095	0	0		1.023	1.046		1.023	1.046
12	0	4095	0		0.86	0.845		0.861	0.842
13	0	0	0		1.001	0.89		0.999	0.968
13	13	0	0		1.14	0.889		1.011	0.876
13	0	13	0		1.137	0.889		1	0.876
13	13	13	0		1.163	0.89		1.001	0.968
13	2048	0	0		1.001	0.89		1	0.875
13	2061	0	0		1.163	0.89		1.001	0.875
13	2048	13	0		1.001	0.889		1	0.876
13	2061	13	0		1.023	0.889		1	0.876
13	4095	0	0		1	1.045		1.011	1.046
13	0	4095	0		0.86	0.843		0.861	0.842
14	0	0	0		1.002	0.889		1.01	0.967
14	14	0	0		1.023	0.889		1	0.876
14	0	14	0		1.011	0.889		1	0.876
14	14	14	0		1.07	0.889		1.001	0.967
14	2048	0	0		1.011	0.889		1.001	0.876
14	2062	0	0		1.001	0.889		1.001	0.876
14	2048	14	0		1.047	0.889		1.001	0.876
14	2062	14	0		1.024	0.889		1	0.876
14	4095	0	0		1.023	1.045		1.011	1.046
14	0	4095	0		0.86	0.844		0.861	0.842
15	0	0	0		1.003	0.889		1.01	0.968
15	15	0	0		1.094	0.889		1.002	0.876



15	0	15	0		1.145	0.89		1.001	0.875
15	15	15	0		1.07	0.89		1.001	0.968
15	2048	0	0		1.001	0.889		1	0.877
15	2063	0	0		1	0.89		1.001	0.875
15	2048	15	0		1.012	0.889		1	0.876
15	2063	15	0		1.021	0.889		1.001	0.876
15	4095	0	0		1.023	1.015		1.023	1.018
15	0	4095	0		0.903	0.892		0.903	0.892
16	16	0	0		0.865	1		0.882	1
16	0	16	0		0.858	1		0.875	1
16	16	16	0		0.875	0.941		0.876	0.927
16	2064	0	0		0.858	0.999		0.876	1
16	2048	16	0		0.859	1.001		0.876	0.998
16	2064	16	0		0.86	0.999		0.876	1.001
16	4095	0	0		1.023	1.229		1.023	0.932
16	0	4095	0		1.023	1		1.023	1
17	0	0	0		0.897	0.941		0.895	0.928
17	17	0	0		0.878	1		0.895	0.998
17	0	17	0		0.877	0.999		0.896	1
17	17	17	0		0.878	0.942		0.895	0.926
17	2048	0	0		0.877	0.999		0.894	1
17	2065	0	0		0.858	0.999		0.876	1.001
17	2048	17	0		0.859	1.001		0.876	0.998
17	2065	17	0		0.868	1.001		0.886	0.998
17	4095	0	0		1.023	1		1.023	1
17	0	4095	0		1.047	1		1.046	1
18	0	0	0		0.898	0.941		0.916	0.926
18	18	0	0		0.896	0.999		0.914	0.999
18	0	18	0		0.887	1		0.896	1
18	18	18	0		0.911	0.942		0.896	0.927
18	2048	0	0		0.878	1		0.895	1
18	2066	0	0		0.886	1		0.896	1
18	2048	18	0		0.885	0.999		0.896	0.999
18	2066	18	0		0.896	0.999		0.915	0.998

18	4095	0	0		1.046	1		1.046	1
18	0	4095	0		1.047	0.973		1.047	0.973
19	0	0	0		0.899	0.93		0.915	0.909
19	19	0	0		0.897	1		0.915	0.987
19	0	19	0		0.895	1		0.915	0.999
19	19	19	0		0.897	0.94		0.906	0.925
19	2048	0	0		0.897	1		0.905	0.999
19	2067	0	0		0.897	0.999		0.915	0.999
19	2048	19	0		0.897	1		0.915	0.999
19	2067	19	0		0.897	1		0.914	0.999
19	4095	0	0		1.046	1		1.046	1
19	0	4095	0		1.04	0.987		1.046	1
20	0	0	0		0.899	0.962		0.915	0.925
20	20	0	0		0.897	1		0.915	1
20	0	20	0		0.897	1		0.915	0.999
20	20	20	0		0.9	0.94		0.915	0.926
20	2048	0	0		0.897	1		0.915	0.999
20	2068	0	0		0.896	1.001		0.916	0.998
20	2048	20	0		0.898	1		0.914	0.999
20	2068	20	0		0.897	1		0.916	0.999
20	4095	0	0		1.046	0.973		1.046	0.987
20	0	4095	0		1.046	1		1.047	1
21	0	0	0		0.899	0.943		0.915	0.92
21	21	0	0		0.897	0.974		0.914	0.974
21	0	21	0		0.896	1		0.906	0.999
21	21	21	0		0.898	0.938		0.896	0.926
21	2048	0	0		0.878	1		0.896	0.999
21	2069	0	0		0.886	0.999		0.896	0.999
21	2048	21	0		0.897	1		0.915	0.999
21	2069	21	0		0.896	1		0.915	0.999
21	4095	0	0		1.047	1		1.047	1
21	0	4095	0		1.046	1		1.046	0.987
22	0	0	0		0.898	0.955		0.914	0.916
22	22	0	0		0.898	1		0.915	0.999

22	0	22	0		0.897	1		0.916	1
22	22	22	0		0.897	0.941		0.916	0.925
22	2048	0	0		0.896	1		0.905	0.999
22	2070	0	0		0.897	1.001		0.905	0.999
22	2048	22	0		0.896	1		0.915	0.999
22	2070	22	0		0.897	1		0.915	0.999
22	4095	0	0		1.046	0.987		1.046	1
22	0	4095	0		1.046	0.973		1.046	0.973
23	0	0	0		0.916	0.933		0.915	0.906
23	23	0	0		0.896	1		0.915	0.999
23	0	23	0		0.897	0.999		0.914	0.999
23	23	23	0		0.898	0.938		0.915	0.924
23	2048	0	0		0.896	0.999		0.915	1
23	2071	0	0		0.896	1		0.915	0.999
23	2048	23	0		0.896	0.999		0.915	1
23	2071	23	0		0.897	1		0.915	0.999
23	4095	0	0		1.046	0.987		1.046	1
23	0	4095	0		1.046	1		1.046	1
24	0	0	0		0.898	0.941		0.916	0.925
24	24	0	0		0.898	0.975		0.915	0.987
24	0	24	0		0.897	1		0.915	0.999
24	24	24	0		0.898	0.939		0.915	0.927
24	2048	0	0		0.897	1		0.915	0.999
24	2072	0	0		0.896	1		0.915	0.999
24	2048	24	0		0.897	1		0.915	0.999
24	2072	24	0		0.897	1		0.915	0.999
24	4095	0	0		1.047	0.973		1.046	0.974
24	0	4095	0		1.046	1		1.046	1
25	0	0	0		0.899	0.929		0.915	0.916
25	25	0	0		0.897	0.975		0.914	0.974
25	0	25	0		0.897	0.975		0.914	0.987
25	25	25	0		0.898	0.938		0.915	0.926
25	2048	0	0		0.897	0.999		0.905	0.999
25	2073	0	0		0.887	0.987		0.906	0.986

25	2048	25	0		0.896	0.974		0.914	0.974
25	2073	25	0		0.896	0.974		0.914	0.974
25	4095	0	0		1.046	0.974		1.046	0.974
25	0	4095	0		1.046	1		1.046	1
26	0	0	0		0.899	0.943		0.915	0.914
26	26	0	0		0.897	1		0.916	0.999
26	0	26	0		0.896	0.974		0.914	0.975
26	26	26	0		0.897	0.918		0.906	0.905
26	2048	0	0		0.879	0.974		0.896	0.974
26	2074	0	0		0.878	0.974		0.896	0.973
26	2048	26	0		0.897	0.974		0.915	0.973
26	2074	26	0		0.896	0.974		0.915	0.973
26	4095	0	0		1.046	0.973		1.046	0.973
26	0	4095	0		1.028	1		1.046	1
27	0	0	0		0.897	0.939		0.916	0.925
27	27	0	0		0.897	0.986		0.916	0.99
27	0	27	0		0.898	0.974		0.915	0.974
27	27	27	0		0.899	0.918		0.914	0.907
27	2048	0	0		0.896	0.974		0.906	0.974
27	2075	0	0		0.897	0.975		0.905	0.973
27	2048	27	0		0.897	0.974		0.915	0.974
27	2075	27	0		0.897	0.974		0.915	0.974
27	4095	0	0		1.046	1		1.046	0.973
27	0	4095	0		1.023	1		1.023	1
28	0	0	0		0.907	0.94		0.916	0.925
28	28	0	0		0.896	1		0.916	0.999
28	0	28	0		0.897	1		0.914	0.998
28	28	28	0		0.898	0.942		0.915	0.924
28	2048	0	0		0.888	0.999		0.895	0.999
28	2076	0	0		0.896	1		0.906	0.998
28	2048	28	0		0.898	0.999		0.915	0.999
28	2076	28	0		0.897	1		0.916	0.999
28	4095	0	0		1.046	1		1.046	1
28	0	4095	0		1.023	1		1.023	1

29	0	0	0		0.898	0.942		0.915	0.925
29	29	0	0		0.897	1		0.915	0.999
29	0	29	0		0.897	1		0.914	0.999
29	29	29	0		0.899	0.942		0.905	0.927
29	2048	0	0		0.887	0.974		0.896	0.974
29	2077	0	0		0.897	0.975		0.896	0.974
29	2048	29	0		0.896	0.974		0.915	0.974
29	2077	29	0		0.897	0.974		0.914	0.974
29	4095	0	0		1.046	0.987		1.046	0.976
29	0	4095	0		1.023	1		1.023	0.989
30	0	0	0		0.898	0.941		0.915	0.924
30	30	0	0		0.897	0.999		0.915	0.998
30	0	30	0		0.897	0.987		0.915	0.986
30	30	30	0		0.898	0.931		0.915	0.913
30	2048	0	0		0.887	0.974		0.896	0.974
30	2078	0	0		0.896	0.975		0.915	0.974
30	2048	30	0		0.897	0.974		0.914	0.974
30	2078	30	0		0.897	0.974		0.916	0.974
30	4095	0	0		1.046	1		1.046	0.987
30	0	4095	0		1.023	1		1.023	1
31	0	0	0		0.898	0.941		0.916	0.926
31	31	0	0		0.898	1		0.914	0.998
31	0	31	0		0.897	1		0.914	0.998
31	31	31	0		0.899	0.932		0.915	0.906
31	2048	0	0		0.897	0.975		0.914	0.974
31	2079	0	0		0.897	0.975		0.915	0.974
31	2048	31	0		0.896	0.974		0.916	0.974
31	2079	31	0		0.897	0.974		0.915	0.974
31	4095	0	0		1.046	0.989		1.046	0.983
31	0	4095	0		1.023	1		1.023	1
48	0	0	0		1.046	0.985		1.046	0.999
48	0	0	1		1.046	0.984		1.046	0.999
48	3	0	0		1.045	0.985		1.046	1
48	3	0	1		1.035	0.985		1.045	1

48	0	3	0		1.023	0.985		1.024	1.001
48	0	3	1		1.023	0.986		1.024	0.999
48	3	3	0		1.022	0.986		1.024	0.999
48	3	3	1		1.023	0.986		1.023	0.998
48	2048	0	0		0.817	0.833		1.021	1
48	2048	0	1		0.816	0.833		1.021	0.999
48	2051	0	0		0.802	0.833		1.001	1
48	2051	0	1		0.801	0.833		1.001	1
48	2048	3	0		0.802	0.833		1.002	1
48	2048	3	1		0.801	0.832		1.002	1
48	2051	3	0		0.802	0.832		1.002	0.987
48	2051	3	1		0.802	0.833		1.001	0.976
80	0	0	0		1.022	0.991		1.001	1.002
80	0	0	1		1.023	1.002		1	1.012
80	5	0	0		1	1.001		0.99	1
80	5	0	1		0.929	1		0.953	1
80	0	5	0		0.907	1		0.908	1
80	0	5	1		0.977	0.998		0.977	1.018
80	5	5	0		0.988	1.001		1	1.01
80	5	5	1		0.993	1.002		1	1
80	2048	0	0		0.998	1.055		1	0.801
80	2048	0	1		0.999	1.055		0.999	0.801
80	2053	0	0		0.999	1.055		1	0.801
80	2053	0	1		0.999	1.055		0.999	0.8
80	2048	5	0		1	1.056		1	0.802
80	2048	5	1		0.999	1.028		1	0.811
80	2053	5	0		1	1.055		1	0.801
80	2053	5	1		1	1.055		0.999	0.8
96	0	0	0		1	1		1.088	0.901
96	0	0	1		1	1		1	0.942
96	6	0	0		1	1		1	1
96	6	0	1		0.988	1		0.988	1
96	0	6	0		0.988	0.982		0.988	1
96	0	6	1		1	1.075		0.988	1

96	6	6	0		1	0.986		1	0.973
96	6	6	1		1	1		1	1
96	2048	0	0		1	1.054		1	0.801
96	2048	0	1		1	1.055		1	0.801
96	2054	0	0		1	1.055		1	0.801
96	2054	0	1		0.999	1.039		1	0.79
96	2048	6	0		0.979	1.055		0.978	0.8
96	2048	6	1		0.978	1.056		0.978	0.801
96	2054	6	0		1	1.055		0.999	0.8
96	2054	6	1		1	1.054		0.999	0.801
112	0	0	0		1	1		1	1
112	0	0	1		1	1		1	1
112	7	0	0		1	1		1	1
112	7	0	1		1	1.004		1	1
112	0	7	0		1	1.013		1	1
112	0	7	1		1	0.998		1	1
112	7	7	0		1	1		1	1
112	7	7	1		0.977	1		0.977	1
112	2048	0	0		0.978	1.054		0.978	0.801
112	2048	0	1		0.978	1.055		0.978	0.8
112	2055	0	0		0.978	1.055		0.978	0.801
112	2055	0	1		0.978	1.026		0.978	0.801
112	2048	7	0		1	1.055		1	0.801
112	2048	7	1		1	1.056		0.999	0.801
112	2055	7	0		1	1.055		1	0.801
112	2055	7	1		0.999	1.053		1.001	0.8
144	0	0	0		1	1		1	1
144	0	0	1		1	1		1	1
144	9	0	0		1	1		1	1
144	9	0	1		1	1		1	0.972
144	0	9	0		0.977	1		0.977	1
144	0	9	1		1	1		0.977	1
144	9	9	0		1	1		1	1
144	9	9	1		1	1		1	1

144	2048	0	0		0.999	0.917		1	1
144	2048	0	1		0.999	0.917		1	1
144	2057	0	0		0.999	0.917		0.999	1
144	2057	0	1		0.999	0.917		1	1
144	2048	9	0		0.988	1		0.988	1
144	2048	9	1		0.977	1		0.977	1
144	2057	9	0		0.976	1		0.976	1
144	2057	9	1		0.977	1		0.977	1
160	0	0	0		0.976	0.999		0.976	0.995
160	0	0	1		0.976	0.973		0.976	0.974
160	10	0	0		0.976	1		0.977	1
160	10	0	1		0.976	1		0.976	1
160	0	10	0		0.976	1.001		0.976	1.001
160	0	10	1		0.992	1		1	1
160	10	10	0		0.974	1		1	1
160	10	10	1		0.988	1		1	1
160	2048	0	0		1.002	0.917		0.999	1
160	2048	0	1		1	0.917		1	1
160	2058	0	0		1	0.917		0.999	1
160	2058	0	1		1	0.917		0.999	1.001
160	2048	10	0		0.977	1		0.976	1
160	2048	10	1		0.976	1		0.976	1
160	2058	10	0		0.976	0.999		0.976	1
160	2058	10	1		0.976	0.999		0.976	0.999
176	0	0	0		0.976	0.984		0.976	1.014
176	0	0	1		0.976	0.998		0.976	1
176	11	0	0		0.971	0.972		0.977	1
176	11	0	1		0.955	1		0.976	1
176	0	11	0		0.992	1		0.999	1
176	0	11	1		0.991	1		0.999	1
176	11	11	0		0.977	1		1	1
176	11	11	1		0.989	1		1.03	1
176	2048	0	0		0.999	0.917		0.999	1
176	2048	0	1		1	0.918		0.999	1



176	2059	0	0		0.999	0.917		0.999	1
176	2059	0	1		0.999	0.916		0.999	1
176	2048	11	0		0.976	1		0.976	1
176	2048	11	1		0.976	1		0.976	1
176	2059	11	0		0.976	0.999		0.976	1
176	2059	11	1		0.976	0.999		0.976	0.999
192	0	0	0		0.976	0.988		0.976	0.995
192	0	0	1		0.976	0.974		0.977	0.99
192	12	0	0		0.976	0.972		0.976	0.972
192	12	0	1		0.977	0.982		0.976	0.972
192	0	12	0		0.989	1.002		0.976	0.998
192	0	12	1		1	0.998		0.976	1
192	12	12	0		1	0.986		0.994	1.001
192	12	12	1		1	0.985		0.994	1
192	2048	0	0		1	0.916		0.998	1
192	2048	0	1		1.001	0.916		0.999	1
192	2060	0	0		0.999	0.917		0.999	1
192	2060	0	1		0.999	0.916		0.999	0.999
192	2048	12	0		0.976	0.985		0.976	0.972
192	2048	12	1		0.976	0.985		0.976	0.972
192	2060	12	0		0.976	0.999		0.976	1
192	2060	12	1		0.976	0.999		0.976	0.999
208	0	0	0		0.976	1		0.976	1
208	0	0	1		0.976	1		0.976	1
208	13	0	0		0.976	0.977		0.976	0.972
208	13	0	1		0.976	0.978		0.976	0.984
208	0	13	0		0.976	0.999		0.976	1
208	0	13	1		0.985	1.016		0.988	1
208	13	13	0		1	1		1.092	0.997
208	13	13	1		1	0.991		1	1
208	2048	0	0		0.999	0.917		0.999	1.001
208	2048	0	1		0.999	0.917		0.999	0.999
208	2061	0	0		1	0.942		0.998	0.999
208	2061	0	1		0.987	0.916		0.988	0.986

208	2048	13	0		0.976	0.999		0.976	1
208	2048	13	1		0.976	0.972		0.976	0.972
208	2061	13	0		0.976	0.972		0.976	0.972
208	2061	13	1		0.976	0.972		0.976	0.972
224	0	0	0		0.976	0.999		0.976	1
224	0	0	1		0.976	0.972		0.976	0.924
224	14	0	0		0.976	1		1.017	0.986
224	14	0	1		0.976	0.974		1.016	0.984
224	0	14	0		0.976	0.995		0.976	0.972
224	0	14	1		0.976	0.965		0.976	0.972
224	14	14	0		1	0.972		0.999	0.972
224	14	14	1		1	0.972		0.999	0.972
224	2048	0	0		0.999	0.903		0.999	0.985
224	2048	0	1		1.002	0.892		0.998	0.985
224	2062	0	0		1.001	0.892		0.999	0.972
224	2062	0	1		1	0.903		0.977	0.972
224	2048	14	0		0.976	0.972		0.976	0.972
224	2048	14	1		0.976	0.972		0.976	0.972
224	2062	14	0		0.976	0.972		0.976	0.972
224	2062	14	1		0.976	0.972		0.976	0.972
240	0	0	0		0.976	0.971		0.976	0.972
240	0	0	1		0.976	0.972		0.976	0.972
240	15	0	0		0.963	0.972		0.977	0.972
240	15	0	1		0.928	0.972		0.976	0.972
240	0	15	0		0.976	0.972		0.976	0.974
240	0	15	1		1	0.973		1	0.989
240	15	15	0		0.984	0.972		0.977	0.972
240	15	15	1		0.989	0.986		0.977	0.986
240	2048	0	0		0.999	0.916		0.998	0.999
240	2048	0	1		0.999	0.915		0.998	0.985
240	2063	0	0		0.977	0.916		0.977	0.999
240	2063	0	1		0.977	0.917		0.977	1
240	2048	15	0		0.976	0.999		0.976	1
240	2048	15	1		0.976	0.999		0.976	0.985

240	2063	15	0		0.977	0.985		0.976	0.985
240	2063	15	1		0.976	0.985		0.976	1
272	0	0	0		0.976	0.909		0.976	0.972
272	0	0	1		0.976	1.016		0.976	0.933
272	17	0	0		0.976	1.014		0.976	1.032
272	17	0	1		0.976	1		0.966	0.892
272	0	17	0		1	1		0.977	1.031
272	0	17	1		0.965	0.984		0.952	0.999
272	17	17	0		0.954	1.009		1	1.052
272	17	17	1		0.979	0.999		1	0.845
272	2048	0	0		0.977	0.854		0.976	0.907
272	2048	0	1		0.907	1.095		0.909	0.937
272	2065	0	0		0.999	0.844		1	0.894
272	2065	0	1		0.887	1.11		0.888	0.937
272	2048	17	0		0.907	0.973		0.907	1
272	2048	17	1		0.906	1		0.906	0.944
272	2065	17	0		0.929	0.973		0.929	0.999
272	2065	17	1		0.871	1		0.906	0.944
288	0	0	0		0.976	0.833		0.975	0.882
288	0	0	1		0.591	0.771		0.586	0.75
288	18	0	0		0.976	0.995		0.976	0.944
288	18	0	1		0.789	0.674		0.863	0.667
288	0	18	0		0.996	1.026		0.977	1.038
288	0	18	1		0.967	1.09		0.975	0.967
288	18	18	0		0.94	0.987		1	1.049
288	18	18	1		0.979	0.99		1	0.822
288	2048	0	0		0.977	0.833		0.988	0.882
288	2048	0	1		0.714	0.902		0.714	0.833
288	2066	0	0		0.976	0.811		0.976	0.858
288	2066	0	1		0.697	0.877		0.698	0.81
288	2048	18	0		0.941	0.972		0.976	0.973
288	2048	18	1		0.877	0.986		0.906	0.931
288	2066	18	0		0.94	0.944		0.908	0.973
288	2066	18	1		0.857	0.999		0.906	0.918

304	0	0	0		0.897	0.984		0.977	0.985
304	0	0	1		0.976	0.98		0.976	0.999
304	19	0	0		0.988	1.036		0.976	1.017
304	19	0	1		0.972	1		0.976	0.952
304	0	19	0		0.976	1.024		0.976	0.954
304	0	19	1		0.97	0.891		0.976	1.009
304	19	19	0		0.999	0.994		0.999	0.976
304	19	19	1		0.978	0.991		0.977	0.87
304	2048	0	0		0.929	0.944		0.929	0.945
304	2048	0	1		0.838	1		0.928	0.931
304	2067	0	0		0.935	0.933		0.988	0.919
304	2067	0	1		0.878	0.986		0.906	0.919
304	2048	19	0		0.918	0.931		0.976	0.945
304	2048	19	1		0.906	1		0.906	0.931
304	2067	19	0		0.942	0.945		0.908	0.944
304	2067	19	1		0.906	0.999		0.906	0.944
320	0	0	0		0.976	1.005		0.976	1.003
320	0	0	1		0.976	1.053		1.027	1.052
320	20	0	0		1.005	1.038		0.93	1.011
320	20	0	1		0.919	1.011		0.802	0.962
320	0	20	0		0.958	1.023		0.976	0.932
320	0	20	1		0.97	1.045		0.976	0.978
320	20	20	0		0.976	0.946		1	0.946
320	20	20	1		0.966	1.028		0.977	0.9
320	2048	0	0		0.94	0.945		0.977	0.944
320	2048	0	1		0.927	0.999		0.917	0.944
320	2068	0	0		0.94	0.945		0.988	0.944
320	2068	0	1		0.905	0.999		0.906	0.945
320	2048	20	0		0.94	0.945		0.918	0.945
320	2048	20	1		0.906	1		0.906	0.944
320	2068	20	0		0.913	0.945		0.973	0.945
320	2068	20	1		0.906	0.999		0.907	0.944
336	0	0	0		0.969	1		0.976	0.993
336	0	0	1		0.973	0.966		0.96	0.98

336	21	0	0		0.997	0.941		0.961	0.908
336	21	0	1		0.976	0.967		0.976	1
336	0	21	0		0.862	0.987		0.976	1.025
336	0	21	1		0.987	0.995		1	0.963
336	21	21	0		1	0.975		1.108	0.97
336	21	21	1		1	0.981		0.976	0.944
336	2048	0	0		0.929	0.932		0.929	0.919
336	2048	0	1		0.927	0.972		0.928	0.918
336	2069	0	0		0.929	0.944		0.929	0.919
336	2069	0	1		0.905	0.972		0.976	0.918
336	2048	21	0		0.94	0.944		0.952	0.919
336	2048	21	1		0.906	0.976		0.906	0.918
336	2069	21	0		0.941	0.931		0.91	0.918
336	2069	21	1		0.906	0.971		0.906	0.919
352	0	0	0		0.976	0.979		0.976	0.992
352	0	0	1		1.017	1.041		0.988	0.947
352	22	0	0		0.964	0.989		0.994	0.902
352	22	0	1		1.074	0.965		1.188	0.981
352	0	22	0		0.949	0.951		0.956	0.983
352	0	22	1		0.976	0.99		0.995	0.976
352	22	22	0		0.976	0.956		0.881	0.956
352	22	22	1		0.988	0.956		0.977	0.918
352	2048	0	0		0.94	0.919		0.93	0.919
352	2048	0	1		0.858	0.972		0.928	0.918
352	2070	0	0		0.93	0.919		0.929	0.919
352	2070	0	1		0.837	0.972		0.975	0.918
352	2048	22	0		0.908	0.944		0.908	0.919
352	2048	22	1		0.906	0.972		0.906	0.931
352	2070	22	0		0.941	0.919		0.908	0.919
352	2070	22	1		0.906	0.972		0.906	0.918
368	0	0	0		1	0.983		0.977	0.972
368	0	0	1		0.976	0.948		0.976	0.953
368	23	0	0		0.976	1.004		0.976	0.939
368	23	0	1		0.976	0.929		0.976	0.986

368	0	23	0		1.131	1.007		0.976	0.962
368	0	23	1		0.911	1.08		1.085	0.951
368	23	23	0		0.976	0.953		0.988	0.942
368	23	23	1		0.999	0.959		1	0.907
368	2048	0	0		0.935	0.944		0.929	0.952
368	2048	0	1		0.858	0.972		0.927	0.931
368	2071	0	0		0.94	0.944		0.977	0.944
368	2071	0	1		0.857	0.999		0.907	0.945
368	2048	23	0		0.941	0.944		0.976	0.944
368	2048	23	1		0.906	1		0.906	0.945
368	2071	23	0		0.941	0.944		0.977	0.945
368	2071	23	1		0.906	0.999		0.907	0.944
384	0	0	0		0.976	0.954		0.976	0.999
384	0	0	1		0.976	1.038		1.159	1.055
384	24	0	0		0.933	1.107		0.999	0.942
384	24	0	1		0.948	1.211		0.832	1.077
384	0	24	0		0.976	0.956		0.977	0.937
384	0	24	1		0.946	0.993		1.025	0.953
384	24	24	0		0.976	0.98		0.976	0.979
384	24	24	1		0.977	0.96		0.976	0.947
384	2048	0	0		0.941	0.944		0.976	0.945
384	2048	0	1		0.837	1		0.906	0.944
384	2072	0	0		0.93	0.945		0.976	0.944
384	2072	0	1		0.905	1		0.906	0.944
384	2048	24	0		0.957	0.943		0.963	0.945
384	2048	24	1		0.927	0.999		0.928	0.944
384	2072	24	0		0.963	0.945		1	0.945
384	2072	24	1		0.906	1		0.906	0.944
400	0	0	0		0.976	1.025		0.976	0.996
400	0	0	1		0.976	1.013		0.976	0.978
400	25	0	0		0.977	0.956		0.976	1.029
400	25	0	1		0.976	0.972		0.976	0.997
400	0	25	0		1	0.987		0.977	1.083
400	0	25	1		1.021	0.916		0.976	1

400	25	25	0		0.967	0.991		1	0.968
400	25	25	1		0.966	0.98		0.959	0.995
400	2048	0	0		0.94	0.944		0.93	0.973
400	2048	0	1		0.927	0.999		0.906	0.944
400	2073	0	0		0.935	0.945		0.976	0.945
400	2073	0	1		0.846	1		0.975	0.944
400	2048	25	0		0.976	0.833		0.976	0.956
400	2048	25	1		0.868	0.965		0.921	0.966
400	2073	25	0		0.951	0.891		0.976	0.953
400	2073	25	1		0.85	0.97		0.974	0.964
416	0	0	0		0.976	0.945		0.977	0.972
416	0	0	1		0.697	0.723		0.697	0.68
416	26	0	0		0.93	1.007		0.983	0.982
416	26	0	1		0.76	0.622		0.92	0.762
416	0	26	0		0.997	1.018		0.988	1
416	0	26	1		0.982	1.002		0.976	0.912
416	26	26	0		0.99	0.965		1	0.954
416	26	26	1		0.983	0.955		0.982	0.968
416	2048	0	0		0.94	0.944		0.93	0.946
416	2048	0	1		0.685	0.8		0.722	0.813
416	2074	0	0		0.935	0.919		0.934	0.945
416	2074	0	1		0.685	0.82		0.777	0.781
416	2048	26	0		0.965	0.846		0.976	0.893
416	2048	26	1		0.867	0.977		0.922	0.945
416	2074	26	0		0.947	0.909		0.919	0.926
416	2074	26	1		0.852	0.973		0.921	0.965
432	0	0	0		0.943	0.994		0.999	0.962
432	0	0	1		0.969	0.978		0.976	0.979
432	27	0	0		0.976	0.888		0.976	0.959
432	27	0	1		0.951	0.921		0.92	0.909
432	0	27	0		1.003	1.001		0.944	0.897
432	0	27	1		0.964	0.932		0.976	0.936
432	27	27	0		1	0.978		0.976	0.964
432	27	27	1		1.003	0.963		0.955	0.95

432	2048	0	0		0.927	0.91		0.957	0.895
432	2048	0	1		0.888	0.973		0.944	0.979
432	2075	0	0		0.938	0.811		0.977	0.896
432	2075	0	1		0.867	0.965		0.933	0.968
432	2048	27	0		0.938	0.894		0.976	0.956
432	2048	27	1		0.867	0.996		0.922	0.999
432	2075	27	0		0.938	0.823		0.931	0.956
432	2075	27	1		0.867	0.997		0.922	0.976
448	0	0	0		0.977	0.98		0.977	0.968
448	0	0	1		0.976	1.029		0.952	1.035
448	28	0	0		0.956	0.892		0.976	1.046
448	28	0	1		0.854	0.926		0.775	0.932
448	0	28	0		0.979	0.939		0.957	0.895
448	0	28	1		0.982	1.034		0.983	1.033
448	28	28	0		1	0.993		1.166	0.973
448	28	28	1		0.964	0.981		0.955	0.91
448	2048	0	0		0.927	0.827		1	0.848
448	2048	0	1		0.867	0.967		0.944	0.991
448	2076	0	0		0.937	0.812		0.977	0.827
448	2076	0	1		0.867	0.922		0.922	0.962
448	2048	28	0		0.937	0.869		0.976	0.896
448	2048	28	1		0.867	0.999		0.933	0.999
448	2076	28	0		0.937	0.834		0.976	0.918
448	2076	28	1		0.867	0.994		0.922	0.963
464	0	0	0		0.984	0.993		0.976	0.981
464	0	0	1		0.944	0.974		0.976	1.011
464	29	0	0		0.981	0.989		0.993	0.948
464	29	0	1		0.976	0.957		0.976	1
464	0	29	0		0.976	0.971		0.959	0.896
464	0	29	1		0.945	0.938		0.988	0.97
464	29	29	0		0.98	0.958		0.977	0.984
464	29	29	1		0.98	0.989		0.991	0.961
464	2048	0	0		0.999	0.822		0.971	0.956
464	2048	0	1		0.867	0.976		0.944	0.94



464	2077	0	0		0.943	0.804		0.987	0.912
464	2077	0	1		0.813	0.964		0.976	0.945
464	2048	29	0		0.938	0.811		0.976	0.956
464	2048	29	1		0.823	0.972		0.922	0.956
464	2077	29	0		0.959	0.893		0.976	0.897
464	2077	29	1		0.867	0.966		0.922	0.954
480	0	0	0		1	0.945		0.999	0.97
480	0	0	1		0.975	1.036		1.033	0.982
480	30	0	0		0.976	0.94		0.976	0.978
480	30	0	1		1.119	1.054		1.221	1.096
480	0	30	0		0.982	1.02		0.962	1.052
480	0	30	1		0.99	0.995		0.977	1.003
480	30	30	0		0.967	0.985		0.976	0.984
480	30	30	1		0.99	0.998		0.988	0.992
480	2048	0	0		0.918	0.827		0.971	0.851
480	2048	0	1		0.867	0.973		0.944	1.004
480	2078	0	0		0.947	0.792		0.949	0.839
480	2078	0	1		0.867	1.004		0.976	0.969
480	2048	30	0		0.938	0.87		0.977	0.88
480	2048	30	1		0.867	0.976		0.922	0.968
480	2078	30	0		0.938	0.891		0.901	0.894
480	2078	30	1		0.867	1.002		0.922	0.969
496	0	0	0		0.978	0.983		0.958	1.189
496	0	0	1		0.997	0.985		1	0.989
496	31	0	0		0.994	0.98		0.976	0.925
496	31	0	1		0.936	0.976		1	1.017
496	0	31	0		0.976	1.025		0.944	0.997
496	0	31	1		0.99	0.988		0.954	0.958
496	31	31	0		0.977	0.986		0.977	1.008
496	31	31	1		0.978	0.99		0.956	0.997
496	2048	0	0		0.962	0.915		1	0.897
496	2048	0	1		0.868	0.989		0.943	0.98
496	2079	0	0		0.976	0.813		0.977	0.895
496	2079	0	1		0.867	0.969		0.922	0.988

496	2048	31	0		0.976	0.892		0.988	0.898
496	2048	31	1		0.867	0.966		0.933	0.972
496	2079	31	0		0.959	0.812		0.943	0.956
496	2079	31	1		0.867	0.995		0.922	0.949
1024	32	0	0		1.017	0.892		1.081	0.927
1024	32	0	1		0.933	0.972		0.965	0.989
1024	0	32	0		0.987	0.879		0.997	0.901
1024	0	32	1		0.909	0.971		0.942	0.973
1024	32	32	0		0.994	0.879		1.066	0.901
1024	32	32	1		0.908	0.972		0.942	0.977
1024	2080	0	0		1.021	0.787		1.093	0.806
1024	2080	0	1		0.919	0.972		0.942	0.972
1024	2048	32	0		1.02	0.787		1.092	0.806
1024	2048	32	1		0.915	0.971		0.953	0.972
1024	2080	32	0		0.998	0.787		1.09	0.806
1024	2080	32	1		0.908	0.995		0.942	0.986
1056	0	0	0		1.014	0.905		1.076	0.927
1056	0	0	1		0.842	0.906		0.874	0.941
1056	33	0	0		0.999	0.909		1	0.994
1056	33	0	1		0.788	0.776		0.79	0.806
1056	0	33	0		0.981	1.012		0.976	0.979
1056	0	33	1		0.998	1.003		0.976	0.985
1056	33	33	0		0.981	0.992		0.97	1
1056	33	33	1		0.982	0.999		0.974	1
1056	2048	0	0		0.998	0.849		1.083	0.849
1056	2048	0	1		0.824	0.895		0.854	0.895
1056	2081	0	0		0.982	0.857		0.976	0.87
1056	2081	0	1		0.842	0.875		0.949	0.92
1056	2048	33	0		0.962	0.94		0.976	0.949
1056	2048	33	1		0.981	0.998		1	0.996
1056	2081	33	0		1.035	0.911		1.107	0.976
1056	2081	33	1		0.945	1		0.937	1
1088	0	0	0		1.032	0.924		1.12	0.955
1088	0	0	1		0.906	1.012		0.937	0.996

1088	34	0	0		0.992	1.05		1	1
1088	34	0	1		1.071	1.055		1.083	1.058
1088	0	34	0		1	0.99		1	1.003
1088	0	34	1		0.996	0.989		1	0.977
1088	34	34	0		0.991	0.997		1	1.003
1088	34	34	1		0.959	0.999		0.972	1.006
1088	2048	0	0		0.904	0.849		0.931	0.864
1088	2048	0	1		0.826	1		0.915	1
1088	2082	0	0		0.974	0.89		0.976	0.928
1088	2082	0	1		0.989	1.034		0.947	1.001
1088	2048	34	0		0.963	0.911		0.976	0.961
1088	2048	34	1		0.976	1		0.976	1.002
1088	2082	34	0		0.919	0.911		0.954	0.932
1088	2082	34	1		0.884	1		0.915	1
1120	0	0	0		0.939	0.917		0.981	0.954
1120	0	0	1		0.887	1.012		0.915	1.002
1120	35	0	0		0.982	0.941		1	0.996
1120	35	0	1		0.929	0.967		0.894	0.909
1120	0	35	0		0.993	0.978		1	1.018
1120	0	35	1		0.994	0.994		0.975	1.005
1120	35	35	0		0.988	0.998		0.992	1
1120	35	35	1		0.974	1		0.973	1
1120	2048	0	0		0.9	0.844		0.921	0.864
1120	2048	0	1		0.884	1		0.915	1
1120	2083	0	0		0.952	0.889		0.976	0.902
1120	2083	0	1		0.992	0.984		1.058	0.993
1120	2048	35	0		0.966	0.911		0.976	0.945
1120	2048	35	1		0.979	0.998		0.976	0.986
1120	2083	35	0		0.901	0.911		0.943	0.932
1120	2083	35	1		0.884	1		0.915	1
1152	0	0	0		0.924	0.916		0.97	0.952
1152	0	0	1		0.885	1.013		0.937	1.009
1152	36	0	0		0.999	0.947		1	1
1152	36	0	1		1.101	1.098		1.134	1.139

1152	0	36	0		1	0.991		1	0.994
1152	0	36	1		0.997	1.002		0.987	0.993
1152	36	36	0		0.985	0.999		1.001	1.023
1152	36	36	1		0.892	0.997		0.915	1.001
1152	2048	0	0		0.9	0.844		0.925	0.864
1152	2048	0	1		0.884	1		0.915	1
1152	2084	0	0		0.973	0.874		0.976	0.932
1152	2084	0	1		0.984	1.034		0.925	0.987
1152	2048	36	0		0.958	0.911		0.976	0.933
1152	2048	36	1		0.976	1		0.976	1.005
1152	2084	36	0		0.918	0.911		0.947	0.932
1152	2084	36	1		0.884	1		0.915	1
1184	0	0	0		0.918	0.911		0.951	0.954
1184	0	0	1		0.808	0.939		0.836	0.942
1184	37	0	0		0.977	0.945		0.976	1
1184	37	0	1		0.795	0.804		0.779	0.806
1184	0	37	0		1	1.003		1	1.003
1184	0	37	1		1.025	0.999		1.023	0.991
1184	37	37	0		0.983	0.996		0.969	0.998
1184	37	37	1		0.983	0.995		0.982	1
1184	2048	0	0		0.901	0.845		0.924	0.897
1184	2048	0	1		0.741	0.905		0.742	0.905
1184	2085	0	0		0.945	0.889		0.976	0.901
1184	2085	0	1		0.885	0.892		0.952	0.911
1184	2048	37	0		0.966	0.919		0.976	0.954
1184	2048	37	1		0.991	0.997		1	0.992
1184	2085	37	0		0.924	0.919		0.898	1
1184	2085	37	1		0.838	1		0.892	1
1216	0	0	0		0.946	0.898		0.939	0.917
1216	0	0	1		0.859	0.996		0.893	1.009
1216	38	0	0		0.99	0.984		1	0.99
1216	38	0	1		1.074	1.037		1.102	1.12
1216	0	38	0		1	0.997		1	0.99
1216	0	38	1		0.994	0.996		1	0.996

1216	38	38	0		0.985	0.979		0.999	0.987
1216	38	38	1		0.966	0.971		0.971	0.996
1216	2048	0	0		0.919	0.857		0.913	0.875
1216	2048	0	1		0.789	1		0.794	1
1216	2086	0	0		0.967	0.891		0.976	0.936
1216	2086	0	1		1.025	1.024		0.93	0.986
1216	2048	38	0		0.963	0.919		0.976	0.953
1216	2048	38	1		0.976	1		0.976	0.992
1216	2086	38	0		0.932	0.919		0.915	0.938
1216	2086	38	1		0.818	1		0.814	1
1248	0	0	0		0.935	0.906		0.933	0.917
1248	0	0	1		0.863	0.996		0.892	1.008
1248	39	0	0		0.993	0.936		1	1.008
1248	39	0	1		0.94	0.971		0.899	0.904
1248	0	39	0		1	0.997		1	0.999
1248	0	39	1		1.009	1		1	1.009
1248	39	39	0		0.983	0.987		0.988	1.01
1248	39	39	1		0.964	1.005		0.956	0.997
1248	2048	0	0		0.928	0.857		0.913	0.875
1248	2048	0	1		0.791	1		0.802	1
1248	2087	0	0		0.971	0.898		0.976	0.909
1248	2087	0	1		0.977	1		1.049	0.993
1248	2048	39	0		0.966	0.918		0.977	0.954
1248	2048	39	1		0.989	1		0.976	0.998
1248	2087	39	0		0.929	0.918		0.908	0.938
1248	2087	39	1		0.821	1		0.833	1
1280	0	0	0		0.936	0.899		0.928	0.917
1280	0	0	1		0.865	1.004		0.887	0.994
1280	40	0	0		0.991	0.941		1	1.015
1280	40	0	1		1.113	1.099		1.152	1.203
1280	0	40	0		0.976	1.01		0.988	1
1280	0	40	1		0.997	0.999		1.058	1
1280	40	40	0		0.942	1		0.993	1.021
1280	40	40	1		0.909	1		0.915	1.002

1280	2048	0	0		0.925	0.857		0.897	0.875
1280	2048	0	1		0.809	0.999		0.813	1
1280	2088	0	0		0.988	0.894		1	0.917
1280	2088	0	1		1.034	1.018		0.952	0.96
1280	2048	40	0		0.975	0.919		1	0.937
1280	2048	40	1		1	0.971		0.999	0.971
1280	2088	40	0		0.937	0.919		0.92	0.938
1280	2088	40	1		0.823	0.971		0.816	0.972
1312	0	0	0		0.936	0.9		0.933	0.891
1312	0	0	1		0.793	0.89		0.819	0.891
1312	41	0	0		0.996	0.91		1	0.999
1312	41	0	1		0.829	0.77		0.801	0.79
1312	0	41	0		1	1.004		1	1.003
1312	0	41	1		1.001	1.004		1	0.993
1312	41	41	0		0.973	0.987		0.974	0.996
1312	41	41	1		0.971	0.991		0.973	0.985
1312	2048	0	0		0.917	0.857		0.903	0.954
1312	2048	0	1		0.728	0.913		0.786	0.913
1312	2089	0	0		0.967	0.898		0.976	0.9
1312	2089	0	1		0.895	0.915		0.954	0.92
1312	2048	41	0		0.967	1		0.976	0.986
1312	2048	41	1		0.97	0.998		0.977	0.998
1312	2089	41	0		0.921	0.961		0.935	1
1312	2089	41	1		0.808	1		0.8	1
1344	0	0	0		0.95	0.941		0.95	0.96
1344	0	0	1		0.849	1.001		0.838	1
1344	42	0	0		0.991	1.035		1	1.017
1344	42	0	1		1.094	1.058		1.128	1.122
1344	0	42	0		0.996	0.964		1	0.97
1344	0	42	1		0.98	0.975		1.074	0.994
1344	42	42	0		0.968	0.985		0.989	0.98
1344	42	42	1		0.947	0.988		0.947	0.98
1344	2048	0	0		0.913	0.902		0.925	0.92
1344	2048	0	1		0.78	1		0.783	1

1344	2090	0	0		0.977	0.927		0.976	0.941
1344	2090	0	1		0.99	1.021		0.949	1.003
1344	2048	42	0		0.972	0.961		0.991	0.98
1344	2048	42	1		0.974	1		1	0.979
1344	2090	42	0		0.929	0.961		0.945	0.98
1344	2090	42	1		0.799	1		0.791	1
1376	0	0	0		0.948	0.941		0.94	0.96
1376	0	0	1		0.839	1		0.839	1
1376	43	0	0		0.991	0.98		0.976	0.999
1376	43	0	1		0.958	0.939		0.92	0.887
1376	0	43	0		1	1.02		1	0.998
1376	0	43	1		0.984	0.982		0.997	0.993
1376	43	43	0		0.948	0.992		0.964	0.985
1376	43	43	1		0.926	0.983		0.902	0.975
1376	2048	0	0		0.922	0.902		0.944	0.92
1376	2048	0	1		0.774	1		0.783	1
1376	2091	0	0		0.964	0.941		0.976	0.952
1376	2091	0	1		0.954	0.999		1.043	1.003
1376	2048	43	0		0.973	0.961		0.978	0.988
1376	2048	43	1		0.965	0.999		0.977	0.998
1376	2091	43	0		0.933	0.961		0.942	0.98
1376	2091	43	1		0.805	0.998		0.797	1
1408	0	0	0		0.945	0.941		0.942	0.96
1408	0	0	1		0.845	1		0.835	1
1408	44	0	0		0.979	0.98		0.976	1
1408	44	0	1		1.103	1.099		1.167	1.159
1408	0	44	0		1	0.977		0.999	0.963
1408	0	44	1		0.968	0.972		1.05	0.993
1408	44	44	0		0.943	0.979		0.976	0.978
1408	44	44	1		0.89	0.981		0.887	0.967
1408	2048	0	0		0.931	0.902		0.946	0.92
1408	2048	0	1		0.781	1		0.783	1
1408	2092	0	0		0.974	0.928		0.976	0.953
1408	2092	0	1		0.996	1.021		0.957	0.993

1408	2048	44	0		0.973	0.98		0.989	1.002
1408	2048	44	1		0.976	1.021		1	0.994
1408	2092	44	0		0.934	0.961		0.946	0.98
1408	2092	44	1		0.799	0.999		0.792	1
1440	0	0	0		0.932	0.978		0.934	0.96
1440	0	0	1		0.78	0.919		0.776	0.918
1440	45	0	0		0.981	0.98		0.976	1.007
1440	45	0	1		0.804	0.818		0.803	0.788
1440	0	45	0		0.989	1.017		0.998	1.01
1440	0	45	1		0.986	0.98		1	1.013
1440	45	45	0		0.988	0.963		0.985	0.966
1440	45	45	1		0.965	0.973		0.954	0.977
1440	2048	0	0		0.931	0.902		0.946	0.958
1440	2048	0	1		0.724	0.92		0.726	0.92
1440	2093	0	0		0.963	0.941		0.976	0.953
1440	2093	0	1		0.899	0.906		0.959	0.941
1440	2048	45	0		0.999	0.993		0.993	1
1440	2048	45	1		0.986	0.999		1	0.995
1440	2093	45	0		0.95	0.998		0.937	0.996
1440	2093	45	1		0.799	1		0.778	1
1472	0	0	0		0.98	0.974		0.976	0.965
1472	0	0	1		0.868	1		0.836	1
1472	46	0	0		0.994	0.953		0.981	1.002
1472	46	0	1		1.104	1.097		1.159	1.143
1472	0	46	0		0.984	0.971		0.977	0.989
1472	0	46	1		0.965	0.973		0.977	0.989
1472	46	46	0		0.987	0.965		0.985	0.97
1472	46	46	1		0.923	0.989		0.919	0.989
1472	2048	0	0		0.948	0.909		0.935	0.926
1472	2048	0	1		0.784	1		0.768	1
1472	2094	0	0		0.988	0.946		0.976	0.965
1472	2094	0	1		0.995	1.02		0.96	0.993
1472	2048	46	0		0.988	0.999		0.978	0.994
1472	2048	46	1		0.986	0.999		1	0.972



1472	2094	46	0		0.956	0.964		0.943	0.981
1472	2094	46	1		0.795	1		0.773	1
1504	0	0	0		0.965	0.945		0.966	0.965
1504	0	0	1		0.853	1		0.826	1
1504	47	0	0		0.977	0.982		0.976	1.001
1504	47	0	1		0.93	0.947		0.876	0.865
1504	0	47	0		1	1.003		0.986	1.025
1504	0	47	1		0.977	0.999		0.991	1.007
1504	47	47	0		1.002	0.988		0.989	0.987
1504	47	47	1		0.918	0.971		0.9	0.972
1504	2048	0	0		0.947	0.908		0.938	0.93
1504	2048	0	1		0.784	1		0.769	1
1504	2095	0	0		0.985	0.951		0.976	0.971
1504	2095	0	1		0.96	0.993		1.051	1.012
1504	2048	47	0		1.003	0.983		1	0.998
1504	2048	47	1		0.983	1		0.98	0.991
1504	2095	47	0		0.952	0.964		0.938	0.982
1504	2095	47	1		0.799	1		0.776	1
1536	0	0	0		0.962	0.949		0.94	0.963
1536	0	0	1		0.846	1		0.817	1
1536	48	0	0		0.995	0.982		1	0.99
1536	48	0	1		1.094	1.083		1.163	1.187
1536	0	48	0		0.988	0.99		1	1
1536	0	48	1		0.987	1.003		1	1
1536	48	48	0		0.972	1		0.973	1.003
1536	48	48	1		0.87	1		0.848	1
1536	2048	0	0		0.938	0.909		0.925	0.932
1536	2048	0	1		0.802	0.999		0.782	1
1536	2096	0	0		1.006	0.946		1	0.966
1536	2096	0	1		0.998	1.019		0.96	0.98
1536	2048	48	0		0.991	0.965		0.981	0.982
1536	2048	48	1		0.989	0.999		1	0.984
1536	2096	48	0		0.953	0.964		0.934	0.981
1536	2096	48	1		0.813	1		0.791	1

1568	0	0	0		0.972	0.944		0.957	0.963
1568	0	0	1		0.781	0.928		0.76	0.928
1568	49	0	0		0.979	0.982		0.976	0.99
1568	49	0	1		0.792	0.823		0.777	0.802
1568	0	49	0		0.984	0.995		0.977	0.997
1568	0	49	1		0.966	0.998		0.976	0.996
1568	49	49	0		0.969	0.979		0.962	0.989
1568	49	49	1		0.957	0.966		0.948	0.97
1568	2048	0	0		0.948	0.902		0.935	0.948
1568	2048	0	1		0.733	0.926		0.717	0.926
1568	2097	0	0		0.981	0.95		0.976	0.962
1568	2097	0	1		0.903	0.903		0.981	0.931
1568	2048	49	0		1.002	1.006		1	0.988
1568	2048	49	1		0.991	0.993		1	0.997
1568	2097	49	0		0.945	0.998		0.934	1
1568	2097	49	1		0.799	1		0.775	1
1600	0	0	0		0.963	0.971		0.945	1
1600	0	0	1		0.847	1		0.823	1
1600	50	0	0		0.994	0.979		1	1.012
1600	50	0	1		1.132	1.077		1.17	1.16
1600	0	50	0		0.99	0.952		1	0.975
1600	0	50	1		0.958	0.989		0.977	0.987
1600	50	50	0		0.974	0.985		0.958	0.966
1600	50	50	1		0.914	0.971		0.889	0.978
1600	2048	0	0		0.946	0.905		0.94	0.955
1600	2048	0	1		0.793	0.999		0.763	1
1600	2098	0	0		1.007	0.975		0.996	0.973
1600	2098	0	1		0.992	1.018		0.963	1.002
1600	2048	50	0		1.005	0.99		1	0.997
1600	2048	50	1		0.988	0.995		1	0.973
1600	2098	50	0		0.952	0.985		0.936	0.979
1600	2098	50	1		0.816	1		0.78	1
1632	0	0	0		0.955	0.991		0.937	0.999
1632	0	0	1		0.836	1		0.816	1

1632	51	0	0		0.998	0.999		0.976	0.989
1632	51	0	1		0.901	0.938		0.864	0.869
1632	0	51	0		0.997	0.993		1	0.995
1632	0	51	1		0.973	1.003		0.982	1.007
1632	51	51	0		0.97	0.994		0.955	0.986
1632	51	51	1		0.912	0.969		0.892	0.972
1632	2048	0	0		0.947	0.91		0.939	0.955
1632	2048	0	1		0.793	1		0.764	1
1632	2099	0	0		1.005	0.968		0.976	0.975
1632	2099	0	1		0.972	0.987		1.048	0.99
1632	2048	51	0		1.004	1.005		1	0.985
1632	2048	51	1		0.99	0.999		1	0.997
1632	2099	51	0		0.945	0.983		0.933	1
1632	2099	51	1		0.799	1		0.776	1
1664	0	0	0		0.956	0.966		0.939	1
1664	0	0	1		0.837	1		0.811	1
1664	52	0	0		1.013	0.995		0.993	0.993
1664	52	0	1		1.139	1.095		1.198	1.189
1664	0	52	0		0.997	0.994		1	1.003
1664	0	52	1		0.978	1.006		0.988	0.996
1664	52	52	0		0.963	0.999		0.94	1
1664	52	52	1		0.88	0.997		0.85	1
1664	2048	0	0		0.943	0.908		0.936	0.927
1664	2048	0	1		0.792	0.986		0.764	0.986
1664	2100	0	0		0.99	0.958		0.976	0.976
1664	2100	0	1		0.991	1.018		0.963	0.979
1664	2048	52	0		0.995	0.984		1	0.985
1664	2048	52	1		0.983	0.997		1	0.989
1664	2100	52	0		0.953	0.998		0.934	1
1664	2100	52	1		0.798	1		0.77	1
1696	0	0	0		0.949	0.988		0.926	1
1696	0	0	1		0.771	0.931		0.748	0.933
1696	53	0	0		0.993	0.999		0.976	1.004
1696	53	0	1		0.79	0.81		0.784	0.794

1696	0	53	0		1	0.998		1	0.981
1696	0	53	1		1.007	1.004		1	1.005
1696	53	53	0		0.956	1		0.978	1.001
1696	53	53	1		0.947	0.966		0.943	0.963
1696	2048	0	0		0.947	0.905		0.934	0.955
1696	2048	0	1		0.739	0.931		0.714	0.931
1696	2101	0	0		0.987	0.975		0.976	0.978
1696	2101	0	1		0.912	0.906		0.982	0.933
1696	2048	53	0		0.99	1.003		1	0.991
1696	2048	53	1		0.992	0.994		1	0.996
1696	2101	53	0		0.929	0.973		0.937	0.974
1696	2101	53	1		0.794	0.978		0.785	0.972
1728	0	0	0		0.95	1		0.958	1.002
1728	0	0	1		0.847	1		0.839	1
1728	54	0	0		0.999	1.08		1	0.971
1728	54	0	1		1.13	1.086		1.181	1.164
1728	0	54	0		0.996	1		1	0.993
1728	0	54	1		1.002	0.997		1.022	0.999
1728	54	54	0		0.964	0.97		0.975	0.944
1728	54	54	1		0.91	0.975		0.898	0.968
1728	2048	0	0		0.935	0.946		0.936	0.973
1728	2048	0	1		0.783	1		0.77	1
1728	2102	0	0		0.976	1		0.976	0.992
1728	2102	0	1		1.004	1.017		0.966	1.001
1728	2048	54	0		0.992	1.004		1	0.995
1728	2048	54	1		0.989	0.994		1	0.993
1728	2102	54	0		0.931	0.973		0.942	0.974
1728	2102	54	1		0.807	0.973		0.78	0.972
1760	0	0	0		0.943	0.972		0.952	0.974
1760	0	0	1		0.833	1		0.828	1
1760	55	0	0		0.972	1		1	0.98
1760	55	0	1		0.9	0.934		0.856	0.857
1760	0	55	0		0.996	0.992		1	0.999
1760	0	55	1		1.008	1.009		1.003	0.994

1760	55	55	0		0.962	0.988		0.979	0.99
1760	55	55	1		0.907	0.974		0.897	0.967
1760	2048	0	0		0.936	0.947		0.938	0.972
1760	2048	0	1		0.787	1		0.774	1
1760	2103	0	0		0.974	0.999		0.976	0.984
1760	2103	0	1		0.991	0.99		1.053	0.984
1760	2048	55	0		0.991	1.001		1	0.984
1760	2048	55	1		0.987	0.976		0.994	0.987
1760	2103	55	0		0.93	0.974		0.937	0.974
1760	2103	55	1		0.799	1		0.798	0.986
1792	0	0	0		0.943	1		0.943	1.004
1792	0	0	1		0.828	1.001		0.823	1
1792	56	0	0		0.996	1		1	1.01
1792	56	0	1		1.154	1.105		1.195	1.212
1792	0	56	0		1	0.997		1	0.999
1792	0	56	1		1.007	0.976		1	0.974
1792	56	56	0		0.967	0.973		0.975	0.979
1792	56	56	1		0.853	1		0.844	1
1792	2048	0	0		0.911	0.967		0.918	1
1792	2048	0	1		0.788	0.999		0.771	1
1792	2104	0	0		0.993	1		1	1
1792	2104	0	1		0.992	1.017		0.951	0.991
1792	2048	56	0		0.978	0.978		0.976	0.969
1792	2048	56	1		0.983	0.989		0.976	0.973
1792	2104	56	0		0.911	0.985		0.929	0.973
1792	2104	56	1		0.794	1		0.785	1
1824	0	0	0		0.938	1		0.95	1.007
1824	0	0	1		0.776	0.933		0.772	0.937
1824	57	0	0		0.974	1		0.976	0.997
1824	57	0	1		0.793	0.835		0.781	0.788
1824	0	57	0		0.994	1		1	0.989
1824	0	57	1		1	0.997		0.993	0.995
1824	57	57	0		0.961	0.974		0.95	0.985
1824	57	57	1		0.931	0.97		0.931	0.961

1824	2048	0	0		0.934	0.939		0.938	0.956
1824	2048	0	1		0.741	0.935		0.728	0.936
1824	2105	0	0		0.982	0.997		0.982	0.991
1824	2105	0	1		0.927	0.923		0.983	0.944
1824	2048	57	0		0.975	0.978		0.995	0.966
1824	2048	57	1		0.987	0.973		0.997	0.98
1824	2105	57	0		0.938	0.973		0.925	0.972
1824	2105	57	1		0.808	0.972		0.798	0.972
1856	0	0	0		0.945	0.98		0.926	0.977
1856	0	0	1		0.838	0.999		0.841	1
1856	58	0	0		0.989	1.041		1	0.99
1856	58	0	1		1.126	1.07		1.19	1.169
1856	0	58	0		0.989	0.98		1	0.981
1856	0	58	1		1.003	0.999		1	0.993
1856	58	58	0		0.955	0.978		0.959	0.968
1856	58	58	1		0.912	0.971		0.904	0.965
1856	2048	0	0		0.934	0.957		0.925	0.972
1856	2048	0	1		0.777	0.999		0.773	1
1856	2106	0	0		0.985	0.991		1	0.984
1856	2106	0	1		1.007	1.016		0.968	0.994
1856	2048	58	0		0.971	0.984		0.983	0.982
1856	2048	58	1		0.985	0.975		0.987	0.951
1856	2106	58	0		0.943	0.973		0.916	0.972
1856	2106	58	1		0.789	0.972		0.777	0.972
1888	0	0	0		0.94	0.999		0.922	0.996
1888	0	0	1		0.821	0.999		0.825	0.996
1888	59	0	0		0.978	0.998		0.988	0.997
1888	59	0	1		0.915	0.927		0.849	0.847
1888	0	59	0		0.995	0.993		1	0.997
1888	0	59	1		0.996	1		0.994	0.995
1888	59	59	0		0.961	0.983		0.953	1.002
1888	59	59	1		0.896	0.961		0.888	0.963
1888	2048	0	0		0.94	0.957		0.923	0.972
1888	2048	0	1		0.774	0.999		0.773	1

1888	2107	0	0		0.982	0.999		1	0.997
1888	2107	0	1		0.994	0.981		1.05	0.998
1888	2048	59	0		0.968	0.999		0.977	0.987
1888	2048	59	1		0.993	0.976		0.993	0.993
1888	2107	59	0		0.938	0.973		0.923	0.973
1888	2107	59	1		0.811	0.976		0.786	0.972
1920	0	0	0		0.932	1		0.914	0.999
1920	0	0	1		0.817	0.999		0.822	0.992
1920	60	0	0		0.98	1		0.997	0.998
1920	60	0	1		1.133	1.086		1.205	1.192
1920	0	60	0		0.989	0.995		1	1.006
1920	0	60	1		0.992	1.005		1	0.998
1920	60	60	0		0.951	0.977		0.947	0.99
1920	60	60	1		0.862	0.972		0.852	0.972
1920	2048	0	0		0.939	0.971		0.924	0.972
1920	2048	0	1		0.778	0.999		0.773	1
1920	2108	0	0		0.981	0.987		1	0.983
1920	2108	0	1		0.996	1.015		0.968	0.982
1920	2048	60	0		0.974	0.984		0.995	0.989
1920	2048	60	1		0.982	0.978		0.977	0.983
1920	2108	60	0		0.943	0.973		0.916	0.972
1920	2108	60	1		0.79	0.972		0.786	0.972
1952	0	0	0		0.931	0.974		0.909	0.972
1952	0	0	1		0.764	0.926		0.764	0.927
1952	61	0	0		0.986	0.999		1	0.995
1952	61	0	1		0.792	0.832		0.778	0.79
1952	0	61	0		1	0.994		1	0.996
1952	0	61	1		0.981	1.006		0.998	1.008
1952	61	61	0		0.961	0.998		0.953	1.009
1952	61	61	1		0.917	0.972		0.891	0.976
1952	2048	0	0		0.934	0.955		0.925	0.972
1952	2048	0	1		0.735	0.939		0.73	0.939
1952	2109	0	0		0.983	0.999		1	0.994
1952	2109	0	1		0.937	0.91		0.984	0.93

1952	2048	61	0		0.962	0.977		0.977	0.987
1952	2048	61	1		0.988	0.972		0.984	0.987
1952	2109	61	0		0.931	0.972		0.932	0.972
1952	2109	61	1		0.797	0.972		0.792	0.972
1984	0	0	0		0.945	0.971		0.947	0.972
1984	0	0	1		0.829	1		0.818	1
1984	62	0	0		0.994	1.012		1	0.996
1984	62	0	1		1.104	1.059		1.198	1.172
1984	0	62	0		0.994	1		1	0.995
1984	0	62	1		0.995	0.999		1	0.994
1984	62	62	0		0.97	0.967		0.962	0.984
1984	62	62	1		0.892	0.976		0.882	0.971
1984	2048	0	0		0.933	0.972		0.944	0.972
1984	2048	0	1		0.773	1		0.776	0.986
1984	2110	0	0		0.979	0.985		1	0.984
1984	2110	0	1		0.989	1.009		0.97	0.995
1984	2048	62	0		0.959	0.972		0.977	0.986
1984	2048	62	1		0.993	0.972		0.988	0.977
1984	2110	62	0		0.932	0.972		0.934	0.972
1984	2110	62	1		0.797	0.972		0.793	0.972
2016	0	0	0		0.934	0.972		0.944	0.972
2016	0	0	1		0.812	1		0.804	1
2016	63	0	0		0.979	0.999		1	0.986
2016	63	0	1		0.902	0.908		0.84	0.851
2016	0	63	0		0.993	0.998		1	1.003
2016	0	63	1		0.98	1.012		0.985	0.998
2016	63	63	0		0.948	1.004		0.955	1.006
2016	63	63	1		0.891	0.972		0.875	0.97
2016	2048	0	0		0.935	0.972		0.946	0.972
2016	2048	0	1		0.773	1		0.774	1
2016	2111	0	0		0.991	0.996		1	0.972
2016	2111	0	1		0.951	0.98		1.046	1.014
2016	2048	63	0		0.967	1.02		0.977	1.016
2016	2048	63	1		0.989	0.989		0.984	1.006



2016	2111	63	0		0.918	0.972		0.929	0.972
2016	2111	63	1		0.802	0.972		0.797	0.972
2048	32	0	0		0.933	1.009		0.945	1.013
2048	32	0	1		0.91	0.998		0.981	1.004
2048	0	32	0		0.967	1.006		1	1.01
2048	0	32	1		0.793	1.007		0.786	1.015
2048	32	32	0		0.937	0.999		0.94	1
2048	32	32	1		0.822	1		0.812	1
2048	0	1	0		0.987	0.997		0.997	0.997
2048	0	1	1		1.007	0.98		1	0.983
2048	1	0	0		0.961	0.979		0.981	0.996
2048	1	0	1		0.823	0.923		0.672	0.759
2048	32	1	0		0.974	0.999		1	0.996
2048	32	1	1		0.984	0.982		0.99	0.979
2048	1	32	0		0.982	0.982		0.996	0.998
2048	1	32	1		0.944	1.011		0.889	0.957
2048	2048	1	0		0.969	0.976		1	0.97
2048	2048	1	1		1.005	0.969		0.992	0.987
2048	2049	0	0		0.982	0.957		0.977	0.987
2048	2049	0	1		0.969	0.965		0.962	1.021
2112	0	0	0		0.949	1		0.938	1
2112	0	0	1		0.833	1		0.816	1
2112	1	0	0		0.988	0.981		1	0.976
2112	1	0	1		0.766	0.883		0.666	0.762
2112	33	0	0		1.002	0.979		1	0.976
2112	33	0	1		1.101	1.083		1.205	1.186
2112	0	1	0		0.976	0.998		0.977	0.987
2112	0	1	1		1.004	1		1	0.99
2112	0	33	0		0.991	0.979		1	0.978
2112	0	33	1		1.001	0.976		0.994	0.99
2112	1	1	0		0.988	0.966		0.98	0.967
2112	1	1	1		0.909	0.998		0.885	0.964
2112	33	33	0		0.984	0.985		0.979	0.933
2112	33	33	1		0.871	0.999		0.863	0.987

2112	2048	0	0		0.937	1.008		0.943	0.993
2112	2048	0	1		0.795	1		0.779	0.991
2112	2049	0	0		0.997	1.003		0.993	0.994
2112	2049	0	1		0.962	0.981		0.962	0.975
2112	2048	1	0		0.988	1		1	0.98
2112	2048	1	1		1.007	0.984		1	1.005
2112	2049	1	0		0.952	1.02		0.955	1.006
2112	2049	1	1		0.843	1.001		0.826	1
2112	33	1	0		0.996	0.995		0.995	0.991
2112	33	1	1		0.983	0.999		0.993	0.996
2112	1	33	0		0.974	1.001		1	0.982
2112	1	33	1		0.868	0.999		0.831	0.991
2176	0	0	0		1.021	1		0.93	0.915
2176	0	0	1		0.976	1		0.79	1.003
2176	2	0	0		1.053	0.995		1	1.001
2176	2	0	1		1.014	0.896		0.671	0.761
2176	34	0	0		1.043	1		1	1.002
2176	34	0	1		1.017	1.105		1.227	1.219
2176	0	2	0		1.019	0.993		0.977	0.991
2176	0	2	1		1.032	0.986		1	1.006
2176	0	34	0		0.995	0.977		0.981	0.986
2176	0	34	1		1.014	1.002		1.018	0.995
2176	2	2	0		0.924	0.975		0.958	0.885
2176	2	2	1		0.875	0.98		0.855	0.978
2176	34	34	0		0.91	0.972		0.957	0.978
2176	34	34	1		0.875	1		0.839	0.974
2176	2048	0	0		1.017	1.017		0.939	0.931
2176	2048	0	1		0.968	1.004		0.81	0.92
2176	2050	0	0		1.028	1.024		0.977	1.002
2176	2050	0	1		1.017	1.018		1.017	1.012
2176	2048	2	0		0.969	1.001		1	0.992
2176	2048	2	1		0.933	0.977		1	0.992
2176	2050	2	0		0.919	1.003		0.959	0.988
2176	2050	2	1		0.89	0.966		0.87	0.979

2176	2	1	0		0.95	0.972		0.978	0.982
2176	2	1	1		0.923	0.989		0.992	0.992
2176	1	2	0		1.025	0.995		1	0.999
2176	1	2	1		1.025	0.995		1	0.999
2176	34	1	0		0.954	1.003		1	0.999
2176	34	1	1		0.922	0.998		1	0.993
2176	1	34	0		0.958	1.001		0.977	0.995
2176	1	34	1		0.993	1		1	0.993
2176	2050	1	0		0.947	0.999		0.984	0.995
2176	2050	1	1		0.926	0.999		0.993	0.995
2176	2049	2	0		0.969	1		1	0.985
2176	2049	2	1		0.94	0.997		1	0.982
2240	0	0	0		1.016	0.989		0.952	0.902
2240	0	0	1		0.985	0.972		0.806	0.885
2240	3	0	0		1.029	0.962		0.988	0.973
2240	3	0	1		0.977	0.856		0.681	0.77
2240	35	0	0		1.033	0.926		1	0.986
2240	35	0	1		0.981	1.089		1.212	1.197
2240	0	3	0		1.067	0.998		0.977	0.986
2240	0	3	1		1.09	0.999		1	0.974
2240	0	35	0		1.053	0.983		0.977	0.984
2240	0	35	1		1.044	0.997		0.989	0.987
2240	3	3	0		0.942	0.983		0.976	0.994
2240	3	3	1		0.882	0.99		0.871	0.975
2240	35	35	0		0.943	0.981		0.972	0.938
2240	35	35	1		0.889	0.999		0.897	0.982
2240	2048	0	0		1.016	1.006		0.964	0.944
2240	2048	0	1		0.996	1.003		0.829	0.917
2240	2051	0	0		1.025	1.004		0.977	0.999
2240	2051	0	1		1.012	0.993		0.988	0.985
2240	2048	3	0		0.955	0.982		1	1.002
2240	2048	3	1		0.955	1.003		1	1.003
2240	2051	3	0		0.934	0.987		1.019	0.983
2240	2051	3	1		0.901	0.969		0.899	0.975

2240	3	1	0		0.97	0.972		0.997	0.972
2240	3	1	1		0.885	0.981		1	0.974
2240	1	3	0		1.075	0.997		1	0.992
2240	1	3	1		1.075	1.006		1	0.972
2240	35	1	0		0.973	0.901		1	1.015
2240	35	1	1		0.932	0.995		1	0.998
2240	1	35	0		1.004	1.004		0.98	1.003
2240	1	35	1		1.041	1.001		1	0.979
2240	2051	1	0		0.962	0.998		0.983	0.979
2240	2051	1	1		0.94	0.993		0.983	0.982
2240	2049	3	0		0.976	1.011		1	0.99
2240	2049	3	1		0.952	0.99		1	1.004
2304	0	0	0		1	0.999		0.942	0.99
2304	0	0	1		0.969	0.973		0.796	0.973
2304	4	0	0		1.06	0.966		0.986	0.972
2304	4	0	1		1	0.877		0.681	0.744
2304	36	0	0		1.052	1		1	1.003
2304	36	0	1		1.003	1.114		1.225	1.213
2304	0	4	0		1.018	0.994		0.977	0.995
2304	0	4	1		1.034	0.984		0.999	0.988
2304	0	36	0		0.98	0.974		0.982	0.996
2304	0	36	1		1.007	1.002		0.991	0.998
2304	4	4	0		0.936	0.972		0.946	0.993
2304	4	4	1		0.878	0.968		0.843	0.977
2304	36	36	0		0.913	0.972		0.947	0.981
2304	36	36	1		0.877	0.987		0.831	1
2304	2048	0	0		1.016	0.973		0.947	0.989
2304	2048	0	1		0.969	1.004		0.838	0.994
2304	2052	0	0		1.027	0.972		0.977	0.986
2304	2052	0	1		1.017	1.033		0.988	0.979
2304	2048	4	0		0.955	0.997		1	1.011
2304	2048	4	1		0.926	0.987		1	0.992
2304	2052	4	0		0.921	0.972		0.971	0.967
2304	2052	4	1		0.882	0.98		0.902	0.993

2304	4	1	0		0.97	0.971		1	0.98
2304	4	1	1		0.936	0.99		0.998	0.98
2304	1	4	0		1.024	0.999		1	0.998
2304	1	4	1		1.008	0.994		0.992	1.004
2304	36	1	0		0.947	0.995		0.995	0.99
2304	36	1	1		0.934	0.982		1	1.004
2304	1	36	0		0.963	0.986		1	1
2304	1	36	1		1	1		1	0.991
2304	2052	1	0		0.948	0.99		0.977	1.015
2304	2052	1	1		0.926	1.004		1	1.01
2304	2049	4	0		0.966	0.987		0.977	1.015
2304	2049	4	1		0.926	1.011		1	1.003
2368	0	0	0		1.007	0.972		0.944	0.977
2368	0	0	1		0.977	0.972		0.81	0.973
2368	5	0	0		1.016	0.986		1	0.975
2368	5	0	1		0.996	0.869		0.678	0.763
2368	37	0	0		1.032	0.99		1	0.987
2368	37	0	1		1.003	1.084		1.218	1.206
2368	0	5	0		1.063	0.999		0.977	0.983
2368	0	5	1		1.065	1		0.977	0.983
2368	0	37	0		1.022	0.995		0.977	0.977
2368	0	37	1		1.06	0.991		1	0.995
2368	5	5	0		0.939	0.98		0.98	0.973
2368	5	5	1		0.883	0.975		0.866	0.974
2368	37	37	0		0.934	0.982		0.977	1.022
2368	37	37	1		0.89	0.966		0.89	0.962
2368	2048	0	0		1.016	0.969		0.989	0.972
2368	2048	0	1		0.985	0.973		0.856	0.979
2368	2053	0	0		1.024	0.986		0.977	0.966
2368	2053	0	1		1.016	0.991		0.988	1.001
2368	2048	5	0		0.97	1.005		1	0.976
2368	2048	5	1		0.944	0.997		1	0.993
2368	2053	5	0		0.92	0.973		0.981	0.99
2368	2053	5	1		0.899	0.972		0.886	0.981

2368	5	1	0		0.97	0.968		0.997	0.979
2368	5	1	1		0.951	0.983		1	0.995
2368	1	5	0		1.062	1		0.99	0.974
2368	1	5	1		1.079	0.992		0.983	0.974
2368	37	1	0		0.966	1.036		0.977	0.989
2368	37	1	1		0.941	0.993		0.988	0.993
2368	1	37	0		1.032	0.997		1	0.992
2368	1	37	1		1.042	0.981		1	0.997
2368	2053	1	0		0.962	1.001		0.983	1.013
2368	2053	1	1		0.955	0.963		1	1
2368	2049	5	0		0.977	1.017		0.981	0.994
2368	2049	5	1		0.941	0.99		1	0.983
2432	0	0	0		1.029	0.971		0.954	0.978
2432	0	0	1		1	0.972		0.801	0.975
2432	6	0	0		1.042	0.96		1	0.963
2432	6	0	1		0.992	0.874		0.68	0.744
2432	38	0	0		1.051	1.007		1	0.988
2432	38	0	1		1.016	1.117		1.238	1.222
2432	0	6	0		1.012	0.999		0.977	0.999
2432	0	6	1		1.012	0.982		0.995	0.989
2432	0	38	0		1.004	0.976		0.995	0.976
2432	0	38	1		1.002	1		1	0.991
2432	6	6	0		0.93	0.972		0.958	0.976
2432	6	6	1		0.892	0.969		0.839	0.978
2432	38	38	0		0.915	0.971		0.961	0.967
2432	38	38	1		0.892	0.972		0.832	0.978
2432	2048	0	0		1.016	0.971		0.967	0.973
2432	2048	0	1		0.988	0.992		0.859	0.981
2432	2054	0	0		1.027	0.992		0.977	0.984
2432	2054	0	1		1.016	1.006		0.988	1.013
2432	2048	6	0		0.97	1.004		1	0.999
2432	2048	6	1		0.935	0.997		1	1.003
2432	2054	6	0		0.921	0.974		0.971	0.988
2432	2054	6	1		0.895	0.972		0.884	0.993

2432	6	1	0		0.962	0.971		1	0.975
2432	6	1	1		0.923	0.975		0.998	0.984
2432	1	6	0		1.002	0.999		0.989	0.998
2432	1	6	1		1.014	0.991		0.977	0.991
2432	38	1	0		0.955	0.996		0.977	0.989
2432	38	1	1		0.935	0.989		1	1.001
2432	1	38	0		0.955	0.998		1	1.001
2432	1	38	1		1.008	1		1	0.989
2432	2054	1	0		0.948	0.999		0.977	0.991
2432	2054	1	1		0.928	1.003		0.992	0.992
2432	2049	6	0		0.957	1		0.996	1.002
2432	2049	6	1		0.935	0.998		1	1.006
2496	0	0	0		1.002	0.972		0.942	0.975
2496	0	0	1		0.985	0.972		1.157	0.979
2496	7	0	0		1.031	1.008		1	0.985
2496	7	0	1		0.992	0.89		0.68	0.797
2496	39	0	0		1.039	1.037		1	0.994
2496	39	0	1		0.989	1.102		1.223	1.205
2496	0	7	0		1.08	0.999		0.977	0.989
2496	0	7	1		1.095	1		0.985	0.983
2496	0	39	0		1.041	0.999		0.993	0.992
2496	0	39	1		1.079	0.997		1	0.986
2496	7	7	0		0.93	0.971		0.97	1.001
2496	7	7	1		0.888	0.974		0.86	0.961
2496	39	39	0		0.929	0.97		0.977	1
2496	39	39	1		0.896	0.972		0.888	0.966
2496	2048	0	0		1.031	0.979		0.978	0.978
2496	2048	0	1		0.996	1.006		0.855	0.99
2496	2055	0	0		1.023	0.974		0.98	0.981
2496	2055	0	1		1.015	0.992		1.036	0.991
2496	2048	7	0		0.97	1.008		1	1.003
2496	2048	7	1		0.942	0.994		1	0.968
2496	2055	7	0		0.935	0.964		0.99	0.969
2496	2055	7	1		0.909	0.971		0.88	0.969

2496	7	1	0		0.97	1.014		1	0.968
2496	7	1	1		0.945	0.991		0.998	0.98
2496	1	7	0		1.059	0.976		1	0.996
2496	1	7	1		1.062	0.998		1	0.97
2496	39	1	0		0.97	1.01		0.977	0.994
2496	39	1	1		0.91	0.998		1	0.994
2496	1	39	0		1.003	0.991		1.003	0.997
2496	1	39	1		1.038	1.015		0.998	1.005
2496	2055	1	0		0.963	0.987		0.983	0.993
2496	2055	1	1		0.942	1		0.989	0.993
2496	2049	7	0		0.963	0.996		0.98	1.005
2496	2049	7	1		0.952	0.991		1	1.006
2560	0	0	0		1.004	0.972		0.923	0.983
2560	0	0	1		0.984	0.972		0.801	0.976
2560	8	0	0		1.042	0.971		1	0.981
2560	8	0	1		0.992	0.887		0.68	0.764
2560	40	0	0		1.033	1.007		0.977	1.009
2560	40	0	1		0.993	1.118		1.223	1.228
2560	0	8	0		1.011	0.972		0.981	0.976
2560	0	8	1		1.019	0.976		1	0.972
2560	0	40	0		0.983	0.995		0.981	1.002
2560	0	40	1		0.99	1.002		0.983	0.991
2560	8	8	0		0.925	0.998		0.937	0.994
2560	8	8	1		0.882	1		0.842	0.994
2560	40	40	0		0.917	0.999		0.953	1
2560	40	40	1		0.88	0.999		0.825	0.997
2560	2048	0	0		1.032	1.006		0.981	0.998
2560	2048	0	1		1	1.013		0.854	0.996
2560	2056	0	0		1.016	0.995		1	1
2560	2056	0	1		1.006	1.008		1.036	0.998
2560	2048	8	0		0.956	0.996		1	0.998
2560	2048	8	1		0.939	0.997		1	0.953
2560	2056	8	0		0.926	1		0.992	0.996
2560	2056	8	1		0.904	1		0.886	1



2560	8	1	0		0.957	0.998		0.991	1.006
2560	8	1	1		0.924	0.973		1	0.982
2560	1	8	0		1.002	0.999		0.991	0.992
2560	1	8	1		0.991	0.997		0.99	0.994
2560	40	1	0		0.949	1.004		0.977	1.002
2560	40	1	1		0.925	0.997		0.995	0.998
2560	1	40	0		0.969	0.993		1.004	0.996
2560	1	40	1		0.996	1		1	1.005
2560	2056	1	0		0.956	1.015		1	0.985
2560	2056	1	1		0.942	0.991		0.994	0.992
2560	2049	8	0		0.949	1		0.977	0.997
2560	2049	8	1		0.942	0.991		1	1.013
2624	0	0	0		1.011	0.972		0.676	0.978
2624	0	0	1		0.985	0.972		1.161	0.979
2624	9	0	0		1.031	0.985		1	0.972
2624	9	0	1		1.012	0.885		0.683	0.759
2624	41	0	0		1.035	0.967		1	0.986
2624	41	0	1		1.011	1.097		1.228	1.209
2624	0	9	0		1.063	0.999		0.994	0.999
2624	0	9	1		1.055	0.999		0.983	1.001
2624	0	41	0		1.031	0.992		0.995	0.997
2624	0	41	1		1.063	0.996		1	0.99
2624	9	9	0		0.944	0.97		0.961	0.967
2624	9	9	1		0.911	0.972		0.866	0.956
2624	41	41	0		0.923	0.974		0.969	0.993
2624	41	41	1		0.894	0.978		0.877	0.972
2624	2048	0	0		1.03	0.972		0.983	0.983
2624	2048	0	1		1	0.98		0.828	0.975
2624	2057	0	0		1.033	0.962		0.977	0.963
2624	2057	0	1		1.015	1.003		0.988	0.996
2624	2048	9	0		0.985	1.001		1	1.002
2624	2048	9	1		0.952	0.985		1	1.004
2624	2057	9	0		0.945	0.97		0.995	0.982
2624	2057	9	1		0.91	0.972		0.845	0.977

2624	9	1	0		0.971	0.987		1	0.967
2624	9	1	1		0.95	0.987		0.989	0.998
2624	1	9	0		1.045	0.972		0.977	0.986
2624	1	9	1		1.037	0.999		0.977	0.954
2624	41	1	0		0.962	0.954		0.977	0.989
2624	41	1	1		0.944	1		1	0.994
2624	1	41	0		1.008	0.97		0.977	0.967
2624	1	41	1		1.031	0.989		0.979	0.989
2624	2057	1	0		0.962	0.973		0.977	0.976
2624	2057	1	1		0.948	0.97		0.978	0.987
2624	2049	9	0		0.982	0.993		0.999	1.001
2624	2049	9	1		0.945	0.995		1	1.008
2688	0	0	0		1.024	0.999		0.947	0.991
2688	0	0	1		0.992	0.999		0.799	1
2688	10	0	0		1.035	0.99		0.978	0.994
2688	10	0	1		1.015	0.895		0.679	0.743
2688	42	0	0		1.047	0.998		0.994	1
2688	42	0	1		1.034	1.108		1.234	1.229
2688	0	10	0		1.016	0.999		1	0.997
2688	0	10	1		1	0.991		0.987	0.992
2688	0	42	0		1.035	0.98		1	0.978
2688	0	42	1		1.009	1.003		1	0.992
2688	10	10	0		0.932	0.971		0.95	0.972
2688	10	10	1		0.878	0.97		0.826	0.971
2688	42	42	0		0.911	0.972		0.955	0.978
2688	42	42	1		0.89	0.972		0.825	0.973
2688	2048	0	0		1.027	0.972		0.966	0.985
2688	2048	0	1		1	1.001		0.817	0.977
2688	2058	0	0		0.992	0.965		0.99	0.978
2688	2058	0	1		1.009	1.005		0.988	0.995
2688	2048	10	0		0.957	0.996		1	0.999
2688	2048	10	1		0.939	1		0.996	1.001
2688	2058	10	0		0.935	0.972		0.999	0.991
2688	2058	10	1		0.918	0.972		0.862	0.979

2688	10	1	0		0.969	0.971		1	0.976
2688	10	1	1		0.939	0.989		1	0.996
2688	1	10	0		0.989	0.998		0.977	0.996
2688	1	10	1		0.983	0.991		0.989	0.996
2688	42	1	0		0.949	1.001		0.977	1.004
2688	42	1	1		0.934	0.986		0.99	1
2688	1	42	0		0.995	0.996		1	0.997
2688	1	42	1		1.003	1		1	0.994
2688	2058	1	0		0.959	0.982		0.995	0.985
2688	2058	1	1		0.941	0.992		0.984	0.991
2688	2049	10	0		0.953	0.997		0.979	1
2688	2049	10	1		0.943	1.003		1	1.003
2752	0	0	0		1.006	0.982		0.658	0.99
2752	0	0	1		0.985	0.973		1.154	0.975
2752	11	0	0		1.028	0.955		1	0.974
2752	11	0	1		1.01	0.882		0.679	0.763
2752	43	0	0		1.034	0.937		0.984	0.989
2752	43	0	1		1.026	1.101		1.226	1.221
2752	0	11	0		1.057	1.003		0.978	0.998
2752	0	11	1		1.075	1		0.991	0.984
2752	0	43	0		1.05	1		0.987	0.996
2752	0	43	1		1.038	0.994		1	0.992
2752	11	11	0		0.945	0.971		0.964	0.964
2752	11	11	1		0.883	0.982		0.863	0.967
2752	43	43	0		0.941	0.975		0.955	0.956
2752	43	43	1		0.895	0.974		0.86	0.961
2752	2048	0	0		1.015	0.972		0.953	0.986
2752	2048	0	1		0.991	0.976		0.79	0.975
2752	2059	0	0		1.026	0.97		0.977	0.971
2752	2059	0	1		1.02	1.009		0.989	0.989
2752	2048	11	0		0.986	0.995		1	0.988
2752	2048	11	1		0.971	0.995		0.993	0.992
2752	2059	11	0		0.947	0.972		0.983	0.979
2752	2059	11	1		0.923	0.972		0.827	0.973

2752	11	1	0		0.964	0.968		1	0.973
2752	11	1	1		0.952	0.978		1	1
2752	1	11	0		1.024	0.989		0.977	1
2752	1	11	1		1.04	0.991		1.001	0.947
2752	43	1	0		0.969	0.942		0.998	0.992
2752	43	1	1		0.962	0.989		0.998	0.996
2752	1	43	0		1.035	0.999		1	0.995
2752	1	43	1		1.051	0.994		1.013	0.988
2752	2059	1	0		0.962	1.001		0.984	0.997
2752	2059	1	1		0.944	0.999		0.977	1
2752	2049	11	0		0.977	0.995		0.977	0.991
2752	2049	11	1		0.961	0.991		0.985	0.993
2816	0	0	0		1.011	0.997		0.953	0.998
2816	0	0	1		0.996	0.999		0.79	0.988
2816	12	0	0		1.048	0.964		1	0.971
2816	12	0	1		1.008	0.891		0.679	0.755
2816	44	0	0		1.056	0.999		1	1.009
2816	44	0	1		1.05	1.116		1.229	1.24
2816	0	12	0		1.003	0.986		1	0.992
2816	0	12	1		1.016	0.987		0.982	0.989
2816	0	44	0		1.039	0.987		1	0.999
2816	0	44	1		0.989	1		1	0.986
2816	12	12	0		0.919	0.972		0.961	0.977
2816	12	12	1		0.888	0.968		0.821	0.974
2816	44	44	0		0.919	0.972		0.949	0.98
2816	44	44	1		0.886	0.972		0.821	0.981
2816	2048	0	0		1.027	0.972		0.946	0.974
2816	2048	0	1		1	0.972		0.789	0.979
2816	2060	0	0		1.033	0.975		1	0.956
2816	2060	0	1		0.996	0.992		0.984	0.987
2816	2048	12	0		0.961	0.998		0.996	0.989
2816	2048	12	1		0.934	0.992		0.977	0.999
2816	2060	12	0		0.945	0.993		0.998	0.996
2816	2060	12	1		0.921	0.991		0.829	0.994

2816	12	1	0		0.958	0.998		1	0.973
2816	12	1	1		0.913	0.982		1	0.998
2816	1	12	0		0.984	0.999		0.979	0.995
2816	1	12	1		0.998	0.995		0.987	0.993
2816	44	1	0		0.949	0.996		0.978	0.991
2816	44	1	1		0.925	0.989		0.985	0.994
2816	1	44	0		0.993	0.991		0.985	0.999
2816	1	44	1		0.978	1		1	0.982
2816	2060	1	0		0.945	1.001		0.989	0.994
2816	2060	1	1		0.91	0.996		0.977	0.992
2816	2049	12	0		0.957	0.996		0.976	0.995
2816	2049	12	1		0.939	0.99		0.977	1
2880	0	0	0		1.005	0.999		0.667	0.991
2880	0	0	1		0.986	0.996		0.892	1.004
2880	13	0	0		1.047	0.987		1	0.973
2880	13	0	1		1.013	0.879		0.695	0.779
2880	45	0	0		1.038	0.98		1	0.991
2880	45	0	1		1.053	1.116		1.22	1.222
2880	0	13	0		1.061	0.973		1	0.979
2880	0	13	1		1.065	1		1.003	0.992
2880	0	45	0		1.04	1		1.019	0.997
2880	0	45	1		1.037	0.995		1.001	0.996
2880	13	13	0		0.932	0.98		0.961	0.982
2880	13	13	1		0.897	0.979		0.867	0.962
2880	45	45	0		0.924	0.97		0.937	0.97
2880	45	45	1		0.886	0.967		0.849	0.962
2880	2048	0	0		1.017	0.975		0.791	0.975
2880	2048	0	1		1	0.975		0.777	0.977
2880	2061	0	0		1.038	0.972		1	0.958
2880	2061	0	1		1.012	1		0.989	0.997
2880	2048	13	0		0.958	1		0.977	0.996
2880	2048	13	1		0.927	1		0.999	1.004
2880	2061	13	0		0.95	0.991		0.938	0.985
2880	2061	13	1		0.918	0.98		0.806	0.992

2880	13	1	0		0.962	0.995		1	0.984
2880	13	1	1		0.912	0.978		1	0.997
2880	1	13	0		1.042	0.998		0.996	0.995
2880	1	13	1		1.032	0.994		1.003	0.955
2880	45	1	0		0.96	0.988		0.984	0.996
2880	45	1	1		0.955	1.004		0.979	0.996
2880	1	45	0		1.033	0.998		1.002	0.998
2880	1	45	1		1.036	0.971		1.006	0.997
2880	2061	1	0		0.975	1		0.992	1.002
2880	2061	1	1		0.934	0.991		0.977	1.001
2880	2049	13	0		0.967	1		0.978	0.999
2880	2049	13	1		0.937	1		0.977	0.999
2944	0	0	0		1.015	0.996		0.931	0.981
2944	0	0	1		0.995	0.999		0.791	0.987
2944	14	0	0		1.003	0.976		1	0.986
2944	14	0	1		0.981	0.887		0.677	0.762
2944	46	0	0		1.039	1.006		0.997	1.004
2944	46	0	1		1.081	1.114		1.257	1.242
2944	0	14	0		1.016	0.972		1	0.976
2944	0	14	1		1.008	0.99		0.989	0.99
2944	0	46	0		0.976	0.977		1	0.989
2944	0	46	1		0.991	1.003		1	0.999
2944	14	14	0		0.908	0.971		0.95	0.974
2944	14	14	1		0.879	0.972		0.824	0.976
2944	46	46	0		0.912	0.972		0.952	0.978
2944	46	46	1		0.876	0.972		0.82	0.974
2944	2048	0	0		1.019	0.977		0.934	0.98
2944	2048	0	1		1	0.974		0.779	0.981
2944	2062	0	0		1.02	0.985		1	0.966
2944	2062	0	1		1.004	1		0.988	0.999
2944	2048	14	0		0.95	1		0.977	0.996
2944	2048	14	1		0.924	1		0.977	0.992
2944	2062	14	0		0.926	1.007		0.931	0.999
2944	2062	14	1		0.915	0.994		0.789	0.999

2944	14	1	0		0.948	0.999		1	0.989
2944	14	1	1		0.891	0.986		0.992	0.996
2944	1	14	0		0.995	1		0.978	1.001
2944	1	14	1		0.989	0.991		0.987	0.996
2944	46	1	0		0.952	0.996		0.991	0.992
2944	46	1	1		0.902	0.993		0.977	1.003
2944	1	46	0		0.966	0.976		0.989	0.989
2944	1	46	1		0.944	0.973		1	0.977
2944	2062	1	0		0.962	1		1	0.994
2944	2062	1	1		0.92	0.995		0.977	0.994
2944	2049	14	0		0.947	1		0.977	1.002
2944	2049	14	1		0.94	1		0.988	0.993
3008	0	0	0		1.005	0.998		0.681	0.992
3008	0	0	1		0.975	0.999		0.877	0.991
3008	15	0	0		1.028	0.994		1	0.972
3008	15	0	1		0.978	0.886		0.69	0.778
3008	47	0	0		1.047	1.043		1.003	0.991
3008	47	0	1		1.041	1.113		1.228	1.224
3008	0	15	0		1.066	0.972		1	0.987
3008	0	15	1		1.035	1		0.997	0.982
3008	0	47	0		1.048	0.999		1	1
3008	0	47	1		1.008	0.996		0.981	1
3008	15	15	0		0.946	0.972		0.724	0.986
3008	15	15	1		0.887	0.972		0.844	0.982
3008	47	47	0		0.933	0.97		0.728	1.022
3008	47	47	1		0.885	0.974		0.836	0.97
3008	2048	0	0		1.015	0.971		0.699	0.975
3008	2048	0	1		0.972	0.971		0.78	0.972
3008	2063	0	0		1.065	1		0.996	0.979
3008	2063	0	1		1.019	1		0.99	0.997
3008	2048	15	0		1.005	0.991		0.977	1.003
3008	2048	15	1		0.962	1		0.977	0.993
3008	2063	15	0		0.95	0.972		0.692	0.992
3008	2063	15	1		0.925	0.99		0.778	1.003

3008	15	1	0		0.982	1.023		1	0.984
3008	15	1	1		0.917	0.98		0.994	1.001
3008	1	15	0		1.017	1		0.986	0.99
3008	1	15	1		0.997	0.999		0.994	0.961
3008	47	1	0		0.943	1.005		0.996	1.004
3008	47	1	1		0.934	1		0.988	0.998
3008	1	47	0		1.007	0.978		0.999	0.993
3008	1	47	1		1.014	1		1.016	1.007
3008	2063	1	0		1.003	1		0.994	1.001
3008	2063	1	1		0.981	0.988		0.977	0.998
3008	2049	15	0		0.998	1.001		0.977	1.006
3008	2049	15	1		0.964	1		0.98	0.993
3072	0	0	0		1.014	0.999		0.679	0.975
3072	0	0	1		0.99	0.999		0.781	0.993
3072	16	0	0		1.039	0.972		1	0.979
3072	16	0	1		1.007	0.87		0.677	0.746
3072	48	0	0		1.038	0.979		0.983	0.985
3072	48	0	1		1.068	1.085		1.252	1.212
3072	0	16	0		0.999	0.972		0.979	0.974
3072	0	16	1		1	0.966		1	0.975
3072	0	48	0		0.991	0.981		0.995	0.975
3072	0	48	1		0.981	0.975		1	0.981
3072	16	16	0		0.917	0.971		0.946	0.972
3072	16	16	1		0.883	0.974		0.823	0.978
3072	48	48	0		0.921	0.971		0.958	0.981
3072	48	48	1		0.899	0.971		0.816	0.972
3072	2048	0	0		1.015	0.974		0.728	0.992
3072	2048	0	1		1	0.975		0.781	0.998
3072	2064	0	0		1.059	0.972		1	0.969
3072	2064	0	1		1.022	0.972		0.99	0.975
3072	2048	16	0		0.952	0.959		1	0.985
3072	2048	16	1		0.922	0.976		0.999	0.975
3072	2064	16	0		0.933	0.977		1.044	0.977
3072	2064	16	1		0.91	0.967		0.783	0.987



3072	16	1	0		0.955	1.026		1	1.015
3072	16	1	1		0.93	0.995		1	0.999
3072	1	16	0		0.987	0.999		0.982	1
3072	1	16	1		0.994	0.996		0.991	0.997
3072	48	1	0		0.939	1.005		0.996	1.011
3072	48	1	1		0.926	0.996		0.989	1.003
3072	1	48	0		0.984	0.994		1	0.995
3072	1	48	1		0.989	0.991		0.985	0.997
3072	2064	1	0		0.964	1		1	0.996
3072	2064	1	1		0.966	0.995		0.99	1.001
3072	2049	16	0		0.964	1		0.978	1.005
3072	2049	16	1		0.93	1		0.977	0.998
3136	0	0	0		1.003	0.998		0.945	0.999
3136	0	0	1		0.979	0.999		0.871	0.995
3136	17	0	0		1.041	0.99		0.993	0.987
3136	17	0	1		0.944	0.893		0.679	0.779
3136	49	0	0		1.038	0.96		1	0.983
3136	49	0	1		1.024	1.115		1.23	1.236
3136	0	17	0		1.053	0.973		0.978	0.975
3136	0	17	1		1.05	0.997		0.999	0.991
3136	0	49	0		1.038	0.994		0.991	0.998
3136	0	49	1		1.016	0.969		0.998	0.984
3136	17	17	0		0.926	0.994		0.781	0.986
3136	17	17	1		0.897	0.999		0.838	1.009
3136	49	49	0		0.921	0.972		0.825	0.963
3136	49	49	1		0.899	1.002		0.837	0.985
3136	2048	0	0		1.018	0.973		0.941	0.98
3136	2048	0	1		0.986	0.971		0.776	0.979
3136	2065	0	0		1.035	0.997		1	0.98
3136	2065	0	1		1.027	0.989		0.985	0.981
3136	2048	17	0		0.959	1		0.977	0.992
3136	2048	17	1		0.925	0.997		0.98	1
3136	2065	17	0		0.938	0.974		0.736	0.975
3136	2065	17	1		0.924	0.978		0.781	0.988

3136	17	1	0		0.962	0.977		1	0.959
3136	17	1	1		0.934	0.965		0.999	0.975
3136	1	17	0		1.016	0.974		0.979	0.981
3136	1	17	1		1.043	1		1	0.97
3136	49	1	0		0.956	0.951		1	0.996
3136	49	1	1		0.923	0.994		0.977	1.002
3136	1	49	0		1.027	0.985		1	0.994
3136	1	49	1		1.038	0.996		1	1
3136	2065	1	0		0.954	0.996		0.99	0.998
3136	2065	1	1		0.909	0.995		0.976	0.995
3136	2049	17	0		0.97	0.996		0.977	1
3136	2049	17	1		0.928	0.971		1	0.974
3200	0	0	0		1.003	0.971		0.927	0.971
3200	0	0	1		0.985	0.972		0.789	0.978
3200	18	0	0		1.034	0.97		1	0.958
3200	18	0	1		0.99	0.901		0.677	0.764
3200	50	0	0		1.023	0.999		0.996	0.992
3200	50	0	1		0.998	1.129		1.252	1.25
3200	0	18	0		1.008	0.972		0.978	0.974
3200	0	18	1		1.005	0.987		0.98	0.991
3200	0	50	0		1.036	0.995		1	0.991
3200	0	50	1		1.011	1.002		0.993	0.998
3200	18	18	0		0.923	0.973		0.777	0.983
3200	18	18	1		0.886	0.991		0.78	0.983
3200	50	50	0		0.932	0.972		0.726	0.981
3200	50	50	1		0.894	0.972		0.942	0.976
3200	2048	0	0		1.015	0.972		0.819	0.976
3200	2048	0	1		1.009	0.968		0.78	0.98
3200	2066	0	0		1.038	1.016		1	0.981
3200	2066	0	1		0.995	0.996		0.976	0.991
3200	2048	18	0		0.882	1.002		0.977	1.003
3200	2048	18	1		0.859	0.995		0.977	0.998
3200	2066	18	0		0.951	0.984		0.732	0.982
3200	2066	18	1		0.935	1		0.787	0.995

3200	18	1	0		0.911	0.998		1	0.998
3200	18	1	1		0.933	0.986		1.004	0.997
3200	1	18	0		0.977	0.998		1	0.998
3200	1	18	1		0.966	0.996		0.996	0.993
3200	50	1	0		0.899	0.978		0.997	0.993
3200	50	1	1		0.918	0.991		0.986	1.001
3200	1	50	0		0.966	0.976		0.964	0.986
3200	1	50	1		0.974	0.973		0.98	0.975
3200	2066	1	0		0.917	0.997		0.996	0.991
3200	2066	1	1		0.883	0.998		0.982	0.993
3200	2049	18	0		0.904	0.993		0.983	0.998
3200	2049	18	1		0.887	1.004		0.985	0.997
3264	0	0	0		1.004	0.999		0.956	0.998
3264	0	0	1		0.968	0.999		0.873	0.996
3264	19	0	0		1.045	0.983		1	0.99
3264	19	0	1		1.008	0.891		0.69	0.772
3264	51	0	0		1.024	0.918		0.978	0.975
3264	51	0	1		1.031	1.126		1.23	1.228
3264	0	19	0		1.046	0.977		0.969	0.981
3264	0	19	1		1.017	0.998		1.001	0.987
3264	0	51	0		1.03	1		0.977	0.997
3264	0	51	1		1.035	0.968		0.991	0.979
3264	19	19	0		0.948	0.985		0.729	0.989
3264	19	19	1		0.919	1.004		1.011	0.98
3264	51	51	0		0.937	0.972		0.968	0.974
3264	51	51	1		0.9	0.995		0.957	0.99
3264	2048	0	0		1.014	0.973		0.685	0.988
3264	2048	0	1		0.983	0.976		0.876	0.982
3264	2067	0	0		0.953	0.997		0.977	0.978
3264	2067	0	1		0.996	1.004		0.987	0.992
3264	2048	19	0		0.857	1.002		0.977	1.01
3264	2048	19	1		0.911	0.998		0.98	1.002
3264	2067	19	0		0.946	1.008		0.696	0.999
3264	2067	19	1		0.949	0.992		1	1.002

3264	19	1	0		0.924	0.993		0.992	0.989
3264	19	1	1		0.926	0.993		0.983	0.999
3264	1	19	0		1.026	0.983		1	0.993
3264	1	19	1		1.018	1.003		1	0.967
3264	51	1	0		0.931	0.954		0.98	0.989
3264	51	1	1		0.948	0.998		0.986	1.002
3264	1	51	0		1.032	0.975		0.979	0.98
3264	1	51	1		1.004	0.968		1	0.968
3264	2067	1	0		0.92	1.012		0.991	0.991
3264	2067	1	1		0.896	1.004		0.978	0.987
3264	2049	19	0		0.874	1.009		0.977	0.995
3264	2049	19	1		0.914	1.006		0.978	1.011
3328	0	0	0		1.014	0.999		0.945	0.988
3328	0	0	1		0.991	1		0.919	1.002
3328	20	0	0		1.044	0.992		0.993	0.998
3328	20	0	1		0.982	0.898		0.662	0.757
3328	52	0	0		1.048	0.97		1	0.981
3328	52	0	1		1.033	1.138		1.267	1.25
3328	0	20	0		0.996	0.975		0.978	0.978
3328	0	20	1		1.013	0.992		0.98	0.989
3328	0	52	0		1.027	0.991		1.005	0.997
3328	0	52	1		1.019	0.973		0.983	0.976
3328	20	20	0		0.925	1.004		0.722	1.014
3328	20	20	1		0.893	0.996		0.986	0.993
3328	52	52	0		0.949	0.999		0.957	0.982
3328	52	52	1		0.891	0.999		0.964	0.993
3328	2048	0	0		1.024	0.994		0.71	0.996
3328	2048	0	1		1.012	0.989		0.879	0.984
3328	2068	0	0		1.025	1.005		0.993	0.985
3328	2068	0	1		1.004	1.004		0.973	0.989
3328	2048	20	0		0.924	1		0.977	1.001
3328	2048	20	1		0.875	1.007		0.98	1.013
3328	2068	20	0		0.937	1.007		0.732	0.993
3328	2068	20	1		0.906	0.988		1.02	0.986

3328	20	1	0		0.923	0.998		0.993	1.004
3328	20	1	1		0.929	0.986		0.989	0.995
3328	1	20	0		0.979	0.998		0.966	0.999
3328	1	20	1		0.961	0.997		0.996	1.001
3328	52	1	0		0.895	0.996		0.98	0.994
3328	52	1	1		0.936	0.993		1	0.998
3328	1	52	0		0.994	0.979		1	0.98
3328	1	52	1		0.99	0.974		0.997	0.964
3328	2068	1	0		0.905	1.011		1	0.996
3328	2068	1	1		0.778	1.006		0.978	0.989
3328	2049	20	0		0.909	1.005		0.976	0.998
3328	2049	20	1		0.786	0.997		0.976	1.01
3392	0	0	0		1.005	0.999		0.961	0.993
3392	0	0	1		0.989	1		0.883	0.997
3392	21	0	0		1.083	1.011		1	0.995
3392	21	0	1		1.021	0.884		0.677	0.77
3392	53	0	0		1.034	0.941		0.979	0.969
3392	53	0	1		1.044	1.13		1.238	1.234
3392	0	21	0		1.046	0.984		0.992	0.981
3392	0	21	1		1.006	0.999		0.978	0.985
3392	0	53	0		1.024	1		0.971	0.998
3392	0	53	1		1.006	0.975		0.971	0.978
3392	21	21	0		0.919	1.001		0.722	0.981
3392	21	21	1		0.897	0.99		0.905	0.993
3392	53	53	0		0.936	1.024		0.72	0.964
3392	53	53	1		0.902	0.992		0.981	0.987
3392	2048	0	0		1.02	0.972		0.692	0.978
3392	2048	0	1		0.982	0.972		1.056	0.978
3392	2069	0	0		1.056	1.004		1	0.986
3392	2069	0	1		1.01	1.007		0.988	0.994
3392	2048	21	0		0.961	1.003		0.977	0.987
3392	2048	21	1		0.902	0.989		0.978	1.003
3392	2069	21	0		0.951	0.993		0.696	0.978
3392	2069	21	1		0.931	0.973		0.852	0.978

3392	21	1	0		0.95	0.988		1	0.99
3392	21	1	1		0.92	0.984		0.984	1.002
3392	1	21	0		1.017	0.989		0.973	0.998
3392	1	21	1		1.019	0.997		0.992	0.971
3392	53	1	0		0.93	1.003		0.99	0.996
3392	53	1	1		0.908	0.998		0.999	0.995
3392	1	53	0		1.034	0.973		0.986	0.977
3392	1	53	1		1.026	0.983		0.981	0.981
3392	2069	1	0		0.949	1.017		0.987	1.006
3392	2069	1	1		0.915	0.996		0.995	0.998
3392	2049	21	0		0.951	1.004		0.989	0.989
3392	2049	21	1		0.916	1.016		0.985	0.999
3456	0	0	0		1.007	1		0.931	0.997
3456	0	0	1		0.976	1		0.774	0.997
3456	22	0	0		1.043	0.994		0.991	1.004
3456	22	0	1		0.99	0.896		0.661	0.76
3456	54	0	0		1.036	0.977		0.996	0.98
3456	54	0	1		1.032	1.131		1.26	1.251
3456	0	22	0		1.022	0.973		0.988	0.981
3456	0	22	1		1.026	0.992		0.994	0.983
3456	0	54	0		1.005	0.998		0.986	0.999
3456	0	54	1		0.989	0.979		0.996	0.983
3456	22	22	0		0.936	0.999		0.93	0.985
3456	22	22	1		0.892	0.997		0.839	0.997
3456	54	54	0		0.924	0.999		0.738	0.995
3456	54	54	1		0.911	1		0.81	1
3456	2048	0	0		1	0.998		0.935	0.975
3456	2048	0	1		1.002	0.983		1.056	0.977
3456	2070	0	0		0.999	1.005		0.995	0.99
3456	2070	0	1		0.98	1.014		0.977	0.993
3456	2048	22	0		0.914	1.001		0.977	0.992
3456	2048	22	1		0.881	0.998		0.984	1.007
3456	2070	22	0		0.951	0.999		0.7	0.979
3456	2070	22	1		0.9	1		0.784	0.995

3456	22	1	0		0.948	1.001		1	1.011
3456	22	1	1		0.936	0.987		0.988	0.996
3456	1	22	0		0.996	0.973		0.986	0.994
3456	1	22	1		0.981	0.996		0.996	0.998
3456	54	1	0		0.953	1		1	0.988
3456	54	1	1		0.972	0.991		1.003	0.998
3456	1	54	0		1.005	0.974		1	0.974
3456	1	54	1		0.988	0.999		1.001	0.977
3456	2070	1	0		0.915	1.013		0.982	1.006
3456	2070	1	1		0.911	0.994		0.981	1.004
3456	2049	22	0		0.923	1.004		0.982	0.998
3456	2049	22	1		0.894	1.013		0.977	1.003
3520	0	0	0		1.004	0.999		0.944	0.996
3520	0	0	1		0.976	0.999		0.886	0.996
3520	23	0	0		1.059	1.01		0.997	0.996
3520	23	0	1		1.001	0.897		0.681	0.775
3520	55	0	0		1.06	0.969		1	0.975
3520	55	0	1		1.022	1.129		1.25	1.243
3520	0	23	0		1.035	0.973		0.984	0.974
3520	0	23	1		1.028	0.995		0.978	0.991
3520	0	55	0		1.055	1.003		0.987	1.001
3520	0	55	1		1.052	0.974		0.983	0.978
3520	23	23	0		0.925	1.001		0.722	1.01
3520	23	23	1		0.904	0.995		0.801	0.998
3520	55	55	0		0.921	0.987		0.823	1.01
3520	55	55	1		0.908	0.998		0.795	0.984
3520	2048	0	0		0.99	0.998		0.872	0.99
3520	2048	0	1		0.964	0.986		0.935	0.976
3520	2071	0	0		1.067	0.997		0.992	0.993
3520	2071	0	1		1.05	1.006		0.991	0.996
3520	2048	23	0		0.996	0.999		0.985	0.991
3520	2048	23	1		0.928	0.997		0.996	1.001
3520	2071	23	0		0.977	0.999		0.924	0.993
3520	2071	23	1		0.909	0.999		0.779	0.996

3520	23	1	0		0.941	1.024		0.994	0.999
3520	23	1	1		0.954	0.986		0.987	0.998
3520	1	23	0		1.039	0.982		0.997	0.983
3520	1	23	1		1.015	0.998		0.991	0.978
3520	55	1	0		0.967	1.002		1	0.993
3520	55	1	1		0.943	0.999		1.001	0.997
3520	1	55	0		1.027	0.98		0.983	0.973
3520	1	55	1		1.045	1		1.023	1.002
3520	2071	1	0		0.962	1.003		0.992	0.992
3520	2071	1	1		0.944	1.002		0.98	0.998
3520	2049	23	0		0.998	1.013		0.986	0.995
3520	2049	23	1		0.935	1.001		0.996	1.005
3584	0	0	0		1.017	0.999		0.813	0.991
3584	0	0	1		0.975	1		0.909	0.999
3584	24	0	0		1.066	0.976		1.002	0.981
3584	24	0	1		1.037	0.878		0.676	0.751
3584	56	0	0		1.062	0.999		0.977	0.997
3584	56	0	1		1.062	1.113		1.238	1.229
3584	0	24	0		1.014	0.972		0.998	0.973
3584	0	24	1		1.017	0.983		0.993	0.987
3584	0	56	0		1.01	0.965		0.998	0.994
3584	0	56	1		1.017	1.002		1	0.998
3584	24	24	0		0.936	0.971		0.764	0.967
3584	24	24	1		0.893	0.972		0.997	0.971
3584	56	56	0		0.928	0.971		0.767	0.978
3584	56	56	1		0.895	0.973		0.809	0.972
3584	2048	0	0		1.014	0.971		0.792	0.976
3584	2048	0	1		0.986	0.972		0.776	0.979
3584	2072	0	0		1.064	0.977		0.985	0.977
3584	2072	0	1		1.054	1.005		0.983	0.996
3584	2048	24	0		0.987	0.999		1	0.995
3584	2048	24	1		0.962	0.997		1	0.995
3584	2072	24	0		0.987	0.999		0.896	1.003
3584	2072	24	1		0.895	0.999		0.781	0.997



3584	24	1	0		0.963	1		0.994	1.012
3584	24	1	1		0.961	0.997		0.99	1.002
3584	1	24	0		1.004	1		0.998	0.995
3584	1	24	1		1.015	0.996		1.002	0.995
3584	56	1	0		0.959	1		0.988	0.997
3584	56	1	1		0.976	0.999		0.997	1.003
3584	1	56	0		0.984	0.983		0.982	0.982
3584	1	56	1		1.007	0.989		0.992	0.988
3584	2072	1	0		0.965	1.02		0.994	1.001
3584	2072	1	1		0.963	1.001		0.978	0.994
3584	2049	24	0		0.971	1.013		0.983	1.002
3584	2049	24	1		0.925	1.004		0.978	1.002
3648	0	0	0		1.007	0.998		0.956	0.997
3648	0	0	1		0.961	0.999		0.876	0.999
3648	25	0	0		1.064	0.997		0.996	1.001
3648	25	0	1		1.027	0.891		0.686	0.769
3648	57	0	0		1.051	0.969		0.981	0.961
3648	57	0	1		1.044	1.138		1.249	1.246
3648	0	25	0		1.049	0.998		1.006	0.99
3648	0	25	1		1.056	0.975		0.995	0.989
3648	0	57	0		1.046	1		0.992	0.998
3648	0	57	1		1.057	0.993		0.997	0.974
3648	25	25	0		0.939	0.989		0.948	0.987
3648	25	25	1		0.888	1.001		0.805	0.987
3648	57	57	0		0.93	0.963		0.962	0.963
3648	57	57	1		0.881	1.002		0.9	0.996
3648	2048	0	0		0.986	0.999		0.949	0.998
3648	2048	0	1		0.968	1		0.903	0.998
3648	2073	0	0		1.081	0.997		0.998	0.99
3648	2073	0	1		1.065	1		0.98	0.996
3648	2048	25	0		1.014	0.999		1.001	0.988
3648	2048	25	1		0.997	0.997		0.978	0.995
3648	2073	25	0		0.998	0.999		0.959	0.992
3648	2073	25	1		0.933	0.999		0.775	0.994

3648	25	1	0		0.957	0.982		0.995	0.968
3648	25	1	1		0.946	0.964		0.99	0.977
3648	1	25	0		1.045	0.997		0.984	0.991
3648	1	25	1		1.045	0.985		1.009	0.961
3648	57	1	0		0.962	0.945		0.983	0.975
3648	57	1	1		0.981	0.977		0.987	0.985
3648	1	57	0		1.031	0.982		0.999	0.99
3648	1	57	1		1.03	0.997		1.002	1.008
3648	2073	1	0		0.97	1.002		0.983	1
3648	2073	1	1		0.908	0.984		0.985	0.986
3648	2049	25	0		0.998	0.982		0.997	0.977
3648	2049	25	1		0.991	0.998		0.981	0.994
3712	0	0	0		1.007	0.999		0.925	0.997
3712	0	0	1		0.986	0.999		1.043	1.008
3712	26	0	0		1.045	0.995		0.992	1.001
3712	26	0	1		1.049	0.9		0.678	0.761
3712	58	0	0		1.059	1		1	1.003
3712	58	0	1		1.081	1.147		1.281	1.258
3712	0	26	0		1.014	0.972		0.985	0.975
3712	0	26	1		1.022	0.993		1	0.999
3712	0	58	0		1.012	0.991		0.988	0.998
3712	0	58	1		1.023	0.977		0.998	0.977
3712	26	26	0		0.899	0.999		0.97	0.992
3712	26	26	1		0.896	0.998		0.816	0.998
3712	58	58	0		0.884	0.999		0.953	0.996
3712	58	58	1		0.905	1		0.925	0.999
3712	2048	0	0		1	0.999		0.976	0.997
3712	2048	0	1		0.958	1		0.774	0.997
3712	2074	0	0		1.031	0.995		0.986	0.994
3712	2074	0	1		1.057	1.004		0.992	0.993
3712	2048	26	0		0.953	0.999		1	0.995
3712	2048	26	1		0.937	0.998		0.982	0.998
3712	2074	26	0		0.989	0.999		1.042	0.989
3712	2074	26	1		0.9	0.999		1.043	0.992

3712	26	1	0		0.962	0.999		0.988	1.005
3712	26	1	1		0.963	0.989		0.99	0.993
3712	1	26	0		1.006	0.972		1.007	0.983
3712	1	26	1		1.007	0.998		0.998	0.997
3712	58	1	0		0.963	1.001		1	1
3712	58	1	1		0.958	0.994		0.987	0.998
3712	1	58	0		1.001	0.999		0.998	0.992
3712	1	58	1		1.027	1		1	0.999
3712	2074	1	0		0.917	0.979		1.003	0.995
3712	2074	1	1		0.78	0.991		1.008	0.996
3712	2049	26	0		0.945	1.003		0.986	0.99
3712	2049	26	1		0.918	1.005		0.987	0.995
3776	0	0	0		0.996	0.998		0.962	0.993
3776	0	0	1		0.965	1.001		0.877	0.994
3776	27	0	0		1.056	0.984		0.996	1.002
3776	27	0	1		1.042	0.891		0.7	0.766
3776	59	0	0		1.043	0.936		0.987	0.975
3776	59	0	1		1.046	1.138		1.256	1.245
3776	0	27	0		1.066	1.001		1.005	1
3776	0	27	1		1.061	0.976		0.998	0.975
3776	0	59	0		1.04	1		0.995	0.995
3776	0	59	1		1.044	0.997		1.014	1.002
3776	27	27	0		0.915	0.975		0.953	0.979
3776	27	27	1		0.88	1.004		0.722	0.974
3776	59	59	0		0.912	1.002		0.958	0.996
3776	59	59	1		0.919	1.002		0.816	0.988
3776	2048	0	0		1.044	0.999		0.939	0.992
3776	2048	0	1		0.932	0.972		0.779	0.985
3776	2075	0	0		1.052	1.009		0.987	0.992
3776	2075	0	1		1.036	1		0.99	0.991
3776	2048	27	0		1.003	0.988		0.981	0.991
3776	2048	27	1		0.991	0.997		0.981	1.002
3776	2075	27	0		0.973	0.999		0.931	0.999
3776	2075	27	1		0.889	0.999		0.698	1

3776	27	1	0		0.964	0.987		0.987	0.994
3776	27	1	1		0.958	0.991		1.002	0.993
3776	1	27	0		1.039	0.964		1.01	0.981
3776	1	27	1		1.019	0.999		1.011	0.962
3776	59	1	0		0.965	0.965		1	0.988
3776	59	1	1		0.966	0.996		1.013	0.996
3776	1	59	0		1.028	0.997		1.014	0.992
3776	1	59	1		1.015	0.997		1.003	0.997
3776	2075	1	0		0.95	0.984		0.987	0.984
3776	2075	1	1		0.924	0.989		1	0.995
3776	2049	27	0		1.014	1.001		1.003	0.998
3776	2049	27	1		0.984	0.999		0.98	0.999
3840	0	0	0		1.007	0.999		0.716	0.995
3840	0	0	1		0.971	1		0.776	0.998
3840	28	0	0		1.086	0.994		0.991	0.994
3840	28	0	1		1.078	0.897		0.682	0.754
3840	60	0	0		1.075	0.971		0.989	0.975
3840	60	0	1		1.069	1.146		1.278	1.256
3840	0	28	0		1.002	1		0.976	0.999
3840	0	28	1		1.01	0.971		0.999	0.983
3840	0	60	0		1.026	0.994		0.996	1.001
3840	0	60	1		1.024	0.998		1.012	0.976
3840	28	28	0		0.907	0.995		0.718	0.986
3840	28	28	1		0.866	0.996		0.804	0.998
3840	60	60	0		0.91	0.999		0.949	1.001
3840	60	60	1		0.898	1		0.81	0.996
3840	2048	0	0		1.023	0.999		0.941	1
3840	2048	0	1		0.949	1		0.787	0.997
3840	2076	0	0		1.097	1.005		0.987	0.991
3840	2076	0	1		1.068	1.004		0.986	0.989
3840	2048	28	0		0.964	0.999		0.993	0.993
3840	2048	28	1		0.936	0.998		0.997	0.995
3840	2076	28	0		0.964	0.999		0.928	0.989
3840	2076	28	1		0.868	0.999		0.771	1.002

3840	28	1	0		0.969	1		0.981	0.994
3840	28	1	1		0.942	0.971		0.982	0.983
3840	1	28	0		0.989	0.971		0.986	0.985
3840	1	28	1		0.997	0.998		0.999	0.998
3840	60	1	0		0.96	0.999		0.981	0.995
3840	60	1	1		0.955	0.994		0.99	0.997
3840	1	60	0		1.004	1.002		1.008	0.989
3840	1	60	1		0.962	1		0.985	0.994
3840	2076	1	0		0.93	0.995		0.987	0.987
3840	2076	1	1		0.905	0.992		0.984	0.997
3840	2049	28	0		0.937	1.003		0.984	0.996
3840	2049	28	1		0.907	0.998		0.993	1.003
3904	0	0	0		0.993	0.997		0.95	0.995
3904	0	0	1		0.97	1		0.878	0.998
3904	29	0	0		1.06	1.007		0.994	0.999
3904	29	0	1		1.048	0.892		0.7	0.768
3904	61	0	0		1.045	0.962		0.982	0.974
3904	61	0	1		1.027	1.136		1.252	1.251
3904	0	29	0		1.049	0.999		1.003	0.997
3904	0	29	1		1.027	0.975		1.009	0.984
3904	0	61	0		1.046	1		0.992	0.995
3904	0	61	1		1.022	0.999		1.002	1.002
3904	29	29	0		0.925	1		1.171	0.977
3904	29	29	1		0.89	1		0.805	0.991
3904	61	61	0		0.927	0.998		1.214	1.001
3904	61	61	1		0.907	0.995		0.773	0.987
3904	2048	0	0		1.026	0.999		0.768	0.993
3904	2048	0	1		0.949	0.997		0.787	1.002
3904	2077	0	0		1.045	1.005		0.993	0.995
3904	2077	0	1		1.028	1.001		0.988	0.989
3904	2048	29	0		0.998	0.999		0.992	0.996
3904	2048	29	1		0.964	0.999		0.988	0.994
3904	2077	29	0		0.989	0.999		0.935	0.998
3904	2077	29	1		0.88	0.997		0.777	0.995

3904	29	1	0		0.942	0.989		0.983	0.997
3904	29	1	1		0.94	0.968		1.001	0.994
3904	1	29	0		1.007	0.971		0.999	0.976
3904	1	29	1		1.013	1.009		1.004	0.971
3904	61	1	0		0.962	0.995		0.986	1.003
3904	61	1	1		0.952	0.972		1.007	0.974
3904	1	61	0		1.037	0.99		1.002	0.98
3904	1	61	1		1.012	1.001		1	0.998
3904	2077	1	0		0.957	0.976		0.993	0.98
3904	2077	1	1		0.949	0.992		0.999	0.996
3904	2049	29	0		0.996	0.999		0.981	0.996
3904	2049	29	1		0.97	1.009		0.988	0.993
3968	0	0	0		0.977	0.998		0.93	0.977
3968	0	0	1		0.969	1		0.783	0.994
3968	30	0	0		1.077	0.993		0.992	1
3968	30	0	1		1.036	0.892		0.677	0.756
3968	62	0	0		1.069	0.977		0.995	0.977
3968	62	0	1		1.051	1.15		1.28	1.262
3968	0	30	0		1.024	0.996		1.002	0.995
3968	0	30	1		1	0.971		1.004	0.989
3968	0	62	0		1.019	0.994		0.996	1
3968	0	62	1		0.996	1.004		0.986	0.994
3968	30	30	0		0.876	0.999		0.968	0.979
3968	30	30	1		0.857	0.995		0.797	0.996
3968	62	62	0		0.869	0.999		0.953	0.994
3968	62	62	1		0.865	0.999		0.799	0.998
3968	2048	0	0		1.036	0.999		0.96	1.002
3968	2048	0	1		0.936	0.997		0.775	0.989
3968	2078	0	0		1.083	1.01		0.985	0.996
3968	2078	0	1		1.08	1.002		1	0.992
3968	2048	30	0		0.927	0.999		0.991	0.994
3968	2048	30	1		0.932	1		1.005	1.002
3968	2078	30	0		0.965	0.999		0.941	0.977
3968	2078	30	1		0.848	0.999		0.771	0.994

3968	30	1	0		0.966	1.001		0.981	1.005
3968	30	1	1		0.955	0.971		1.001	0.991
3968	1	30	0		1.02	0.969		1	0.973
3968	1	30	1		0.986	0.997		0.996	0.999
3968	62	1	0		0.976	1		0.999	1.004
3968	62	1	1		0.946	0.972		1.011	0.998
3968	1	62	0		1.001	0.999		1.023	0.997
3968	1	62	1		0.975	1		0.994	0.994
3968	2078	1	0		0.988	0.977		0.995	0.979
3968	2078	1	1		0.97	0.97		1.003	0.98
3968	2049	30	0		0.956	1.007		0.98	0.998
3968	2049	30	1		0.949	1.005		0.999	0.999
4032	0	0	0		0.993	0.918		0.956	0.939
4032	0	0	1		0.984	0.984		0.881	0.998
4032	31	0	0		1.031	0.987		0.979	0.978
4032	31	0	1		0.997	0.883		0.697	0.77
4032	63	0	0		1.06	0.954		0.995	0.955
4032	63	0	1		1.025	1.144		1.275	1.247
4032	0	31	0		1.066	0.933		1.003	0.955
4032	0	31	1		1.056	0.971		1.004	0.976
4032	0	63	0		1.06	0.968		1.019	0.971
4032	0	63	1		1.047	0.998		1.014	1.001
4032	31	31	0		0.925	0.93		0.937	0.907
4032	31	31	1		0.9	0.997		0.844	0.993
4032	63	63	0		0.903	0.889		0.768	0.963
4032	63	63	1		0.879	0.997		0.769	0.995
4032	2048	0	0		0.97	0.962		0.732	0.959
4032	2048	0	1		0.932	0.973		0.773	0.993
4032	2079	0	0		1.053	0.938		0.984	0.943
4032	2079	0	1		1.021	1.003		0.981	0.991
4032	2048	31	0		0.998	0.95		0.981	0.951
4032	2048	31	1		0.98	0.999		0.99	0.995
4032	2079	31	0		0.941	0.968		0.724	0.969
4032	2079	31	1		0.888	1		0.77	0.999

4032	31	1	0		0.965	0.966		0.994	0.981
4032	31	1	1		0.943	0.971		0.99	0.991
4032	1	31	0		1.022	0.918		1.004	0.939
4032	1	31	1		1.033	0.999		1.015	0.978
4032	63	1	0		0.973	0.997		0.999	0.957
4032	63	1	1		0.935	0.974		1.006	0.979
4032	1	63	0		1.026	0.963		0.977	0.97
4032	1	63	1		1.026	0.999		1.023	1.01
4032	2079	1	0		0.972	0.956		0.982	0.935
4032	2079	1	1		0.952	0.971		0.998	0.99
4032	2049	31	0		0.991	0.938		0.98	0.943
4032	2049	31	1		0.981	1.001		1.007	0.993
4096	32	0	0		1.007	0.963		0.828	0.961
4096	32	0	1		0.987	1.001		0.997	0.989
4096	64	0	0		1.001	0.95		0.725	0.948
4096	64	0	1		1.002	0.971		1	0.999
4096	0	32	0		1.005	0.897		0.937	0.899
4096	0	32	1		0.985	0.972		0.778	0.978
4096	0	64	0		1.035	0.901		0.925	0.926
4096	0	64	1		0.963	0.974		0.785	0.974
4096	32	32	0		0.917	0.921		0.941	0.924
4096	32	32	1		0.882	0.972		0.77	0.976
4096	64	64	0		1.017	0.921		0.723	0.922
4096	64	64	1		0.943	0.972		0.782	0.988
4096	2080	0	0		0.99	0.936		0.916	0.939
4096	2080	0	1		0.93	0.973		0.774	0.975
4096	2048	32	0		0.941	0.937		0.73	0.952
4096	2048	32	1		0.871	0.973		0.773	0.977
4096	2080	32	0		0.866	0.937		0.948	0.945
4096	2080	32	1		0.701	0.973		0.775	0.978
4096	32	1	0		0.98	1.028		0.992	1.026
4096	32	1	1		0.961	1.002		0.997	1.018
4096	1	32	0		0.982	0.933		0.994	0.982
4096	1	32	1		0.99	0.983		0.979	0.996



4096	64	1	0		0.984	0.998		0.978	0.996
4096	64	1	1		0.97	0.999		0.991	1.002
4096	1	64	0		1.043	0.937		0.989	0.988
4096	1	64	1		1.046	0.997		0.964	0.974
4096	2080	1	0		0.951	0.987		0.976	0.992
4096	2080	1	1		0.98	0.993		1.005	0.992
4096	2049	32	0		0.969	0.939		0.982	0.947
4096	2049	32	1		0.953	0.976		0.976	0.988
4160	0	0	0		0.998	1		0.948	0.969
4160	0	0	1		0.975	1.006		0.887	0.996
4160	33	0	0		1.087	1.021		0.996	1.016
4160	33	0	1		1.061	1.005		1.242	1.227
4160	65	0	0		1.042	1.011		0.979	0.975
4160	65	0	1		1.033	1.015		0.812	0.818
4160	0	33	0		1.077	0.976		1.006	0.994
4160	0	33	1		1.097	0.998		1.009	1.007
4160	0	65	0		1.059	1.003		0.996	0.992
4160	0	65	1		1.019	0.998		0.983	1
4160	33	33	0		0.953	0.744		0.888	0.986
4160	33	33	1		0.921	0.744		1.04	0.978
4160	65	65	0		0.917	0.734		0.765	0.982
4160	65	65	1		0.904	0.747		1.014	0.992
4160	2048	0	0		0.957	1.023		0.726	0.989
4160	2048	0	1		0.887	1.006		1.011	1
4160	2081	0	0		1.045	1.024		0.975	0.974
4160	2081	0	1		1.025	1.008		0.99	0.992
4160	2048	33	0		0.986	0.751		0.996	0.987
4160	2048	33	1		0.971	0.761		1.011	0.982
4160	2081	33	0		0.894	0.756		0.838	0.987
4160	2081	33	1		0.835	0.756		1.016	0.981
4160	33	1	0		0.97	0.746		0.858	0.987
4160	33	1	1		0.953	0.754		1.071	1.002
4160	1	33	0		1.047	0.553		0.995	1
4160	1	33	1		1.04	0.551		0.854	0.992

4160	65	1	0		0.944	0.751		0.84	0.979
4160	65	1	1		0.933	0.749		1.047	1.019
4160	1	65	0		0.961	0.546		0.961	0.964
4160	1	65	1		0.872	0.556		1.02	1.002
4160	2081	1	0		0.926	0.755		0.882	0.996
4160	2081	1	1		0.88	0.752		1.02	0.999
4160	2049	33	0		0.944	0.753		0.909	0.978
4160	2049	33	1		0.893	0.751		0.78	1
4224	0	0	0		1.011	1.027		0.784	0.968
4224	0	0	1		0.984	1.022		1.011	0.997
4224	34	0	0		1.052	1.017		0.994	0.995
4224	34	0	1		1.043	0.999		1.232	1.212
4224	66	0	0		1.044	1		0.993	0.997
4224	66	0	1		1.023	0.994		0.803	0.805
4224	0	34	0		1.014	0.987		0.987	0.998
4224	0	34	1		1.009	1		1.009	0.99
4224	0	66	0		1.022	0.983		0.98	0.999
4224	0	66	1		1.004	1		0.976	1.001
4224	34	34	0		0.903	0.746		0.973	0.988
4224	34	34	1		0.898	0.754		1.049	1.002
4224	66	66	0		0.884	0.758		0.8	0.991
4224	66	66	1		0.874	0.753		1.001	0.997
4224	2048	0	0		1.009	1.017		0.73	0.987
4224	2048	0	1		0.924	1.014		0.949	1.001
4224	2082	0	0		1.049	1.019		0.993	0.983
4224	2082	0	1		1.049	1.011		0.991	0.99
4224	2048	34	0		0.974	0.751		0.982	0.981
4224	2048	34	1		0.968	0.754		1.014	0.982
4224	2082	34	0		0.857	0.752		0.775	0.996
4224	2082	34	1		0.808	0.752		0.771	0.999
4224	34	1	0		0.996	0.762		0.984	0.999
4224	34	1	1		0.985	0.751		0.986	0.998
4224	1	34	0		0.991	0.611		0.989	0.997
4224	1	34	1		0.984	0.611		1.015	0.991

4224	66	1	0		0.98	0.754		0.999	0.993
4224	66	1	1		0.98	0.745		1.004	1.002
4224	1	66	0		0.997	0.602		0.987	1
4224	1	66	1		1.017	0.602		0.997	1
4224	2082	1	0		0.947	0.756		0.995	0.986
4224	2082	1	1		0.974	0.753		0.999	1.001
4224	2049	34	0		0.979	0.756		0.981	0.999
4224	2049	34	1		0.954	0.752		0.988	1.002
4288	0	0	0		1.01	1.017		0.946	0.998
4288	0	0	1		0.983	1.017		0.881	1.003
4288	35	0	0		1.06	1.022		0.994	1.005
4288	35	0	1		1.032	0.994		1.249	1.258
4288	67	0	0		1.078	1.005		0.99	0.987
4288	67	0	1		1.025	0.992		0.81	0.804
4288	0	35	0		1.059	0.98		0.968	1
4288	0	35	1		1.061	1		0.999	1.019
4288	0	67	0		1.053	0.985		0.988	0.999
4288	0	67	1		1.036	0.998		0.952	0.998
4288	35	35	0		0.928	0.753		0.844	0.971
4288	35	35	1		0.922	0.766		0.913	0.963
4288	67	67	0		0.917	0.757		0.782	0.997
4288	67	67	1		0.905	0.755		0.909	0.977
4288	2048	0	0		0.962	1.022		0.932	1
4288	2048	0	1		0.944	1.013		0.9	1.005
4288	2083	0	0		1.044	1.011		0.991	0.993
4288	2083	0	1		1.04	0.986		0.987	0.99
4288	2048	35	0		1.009	0.77		0.997	0.995
4288	2048	35	1		0.969	0.766		1.003	1.013
4288	2083	35	0		0.875	0.763		0.742	1.003
4288	2083	35	1		0.885	0.755		0.939	0.991
4288	35	1	0		0.997	0.761		0.995	1.009
4288	35	1	1		0.982	0.76		1.01	0.999
4288	1	35	0		1.02	0.613		0.974	0.999
4288	1	35	1		1.019	0.613		1.025	1

4288	67	1	0		0.965	0.753		0.976	1.009
4288	67	1	1		0.977	0.761		0.996	1
4288	1	67	0		1.007	0.605		0.986	1.001
4288	1	67	1		0.977	0.606		0.979	1.015
4288	2083	1	0		0.94	0.757		0.983	1.002
4288	2083	1	1		0.943	0.755		1.02	0.998
4288	2049	35	0		0.965	0.769		0.978	0.996
4288	2049	35	1		0.982	0.77		1.004	0.998
4352	0	0	0		1.012	1.028		0.744	1.02
4352	0	0	1		0.991	1.016		1.013	0.992
4352	36	0	0		1.052	1.022		0.994	1.003
4352	36	0	1		1.037	1.005		1.245	1.229
4352	68	0	0		1.044	1.027		0.984	1.006
4352	68	0	1		1.046	1.005		0.813	0.797
4352	0	36	0		1.028	0.981		0.974	1.002
4352	0	36	1		1.027	1.002		0.997	0.99
4352	0	68	0		1.031	1.004		0.981	0.993
4352	0	68	1		1.013	1		0.96	0.995
4352	36	36	0		0.893	0.752		0.772	0.99
4352	36	36	1		0.9	0.749		0.986	0.991
4352	68	68	0		0.872	0.759		0.773	1
4352	68	68	1		0.879	0.758		1.031	0.994
4352	2048	0	0		0.982	1.025		0.929	0.998
4352	2048	0	1		0.942	1.011		1.002	0.999
4352	2084	0	0		1.068	1.022		0.985	1.001
4352	2084	0	1		1.068	1.01		1.008	0.987
4352	2048	36	0		0.949	0.751		0.978	0.992
4352	2048	36	1		0.951	0.764		1.003	1.019
4352	2084	36	0		0.866	0.768		0.745	1.002
4352	2084	36	1		0.865	0.762		0.978	0.998
4352	36	1	0		0.986	0.752		0.989	0.969
4352	36	1	1		0.983	0.757		0.998	0.997
4352	1	36	0		0.996	0.613		0.982	1.004
4352	1	36	1		0.969	0.611		0.995	0.997

4352	68	1	0		0.97	0.757		0.973	1.001
4352	68	1	1		0.978	0.756		0.995	1
4352	1	68	0		0.991	0.607		0.983	1.001
4352	1	68	1		1.004	0.604		0.993	1.005
4352	2084	1	0		0.94	0.774		0.976	1.004
4352	2084	1	1		0.976	0.754		1.022	0.995
4352	2049	36	0		0.945	0.769		0.974	1.001
4352	2049	36	1		0.935	0.767		0.983	0.998
4416	0	0	0		1.006	1.019		0.955	0.985
4416	0	0	1		0.998	1.011		0.901	0.999
4416	37	0	0		1.022	1.018		0.999	0.999
4416	37	0	1		1.032	0.999		1.279	1.257
4416	69	0	0		1.017	1.011		0.978	0.992
4416	69	0	1		1.058	0.994		0.82	0.803
4416	0	37	0		1.05	0.987		0.975	0.995
4416	0	37	1		1.039	1		0.994	1.002
4416	0	69	0		1.036	0.983		0.987	0.98
4416	0	69	1		1.022	1		0.951	0.99
4416	37	37	0		0.912	0.752		0.933	0.988
4416	37	37	1		0.913	0.759		0.915	1.009
4416	69	69	0		0.938	0.763		0.938	1.034
4416	69	69	1		0.91	0.765		0.9	1.027
4416	2048	0	0		0.946	1.017		0.832	0.998
4416	2048	0	1		0.914	1.007		0.893	1.004
4416	2085	0	0		1.038	1.027		0.979	0.982
4416	2085	0	1		1.037	1.003		0.992	0.986
4416	2048	37	0		1	0.764		0.992	0.99
4416	2048	37	1		0.998	0.754		1.01	0.986
4416	2085	37	0		0.862	0.769		0.735	0.997
4416	2085	37	1		0.866	0.771		0.898	0.998
4416	37	1	0		0.981	0.774		0.985	0.999
4416	37	1	1		0.978	0.752		0.986	0.984
4416	1	37	0		0.986	0.614		0.963	0.994
4416	1	37	1		1	0.613		1.02	0.999

4416	69	1	0		0.978	0.775		0.985	1
4416	69	1	1		0.976	0.774		1.011	1.002
4416	1	69	0		0.989	0.611		0.972	0.999
4416	1	69	1		0.986	0.609		0.967	0.993
4416	2085	1	0		0.963	0.76		0.979	0.989
4416	2085	1	1		0.944	0.762		0.991	0.995
4416	2049	37	0		1.005	0.772		0.984	1.001
4416	2049	37	1		0.969	0.775		0.977	0.997
4480	0	0	0		0.997	1.023		0.759	0.997
4480	0	0	1		0.978	1.016		0.892	0.998
4480	38	0	0		1.034	1.022		0.988	0.994
4480	38	0	1		1.049	1.016		1.235	1.214
4480	70	0	0		1.025	1.028		0.985	0.999
4480	70	0	1		1.054	0.994		0.809	0.795
4480	0	38	0		1.021	0.986		0.976	0.992
4480	0	38	1		1.001	1.003		0.98	0.994
4480	0	70	0		0.995	1.015		0.966	1.001
4480	0	70	1		1.006	0.998		0.971	0.997
4480	38	38	0		0.909	0.752		0.78	0.994
4480	38	38	1		0.916	0.754		0.905	0.987
4480	70	70	0		0.902	0.769		0.919	0.986
4480	70	70	1		0.895	0.767		0.916	1.004
4480	2048	0	0		0.953	1.016		0.77	0.989
4480	2048	0	1		0.944	1.016		0.89	0.999
4480	2086	0	0		1.054	1.012		0.984	0.984
4480	2086	0	1		1.048	0.996		0.991	0.987
4480	2048	38	0		0.972	0.77		0.975	0.983
4480	2048	38	1		0.967	0.771		1.004	1.002
4480	2086	38	0		0.858	0.769		0.748	0.995
4480	2086	38	1		0.877	0.763		0.89	1
4480	38	1	0		1.015	0.77		0.993	0.988
4480	38	1	1		0.996	0.765		0.99	0.994
4480	1	38	0		0.977	0.614		0.966	0.995
4480	1	38	1		1.012	0.614		1.019	0.999

4480	70	1	0		0.946	0.767		0.973	0.997
4480	70	1	1		0.968	0.768		0.999	0.999
4480	1	70	0		0.987	0.611		0.989	1.004
4480	1	70	1		0.997	0.609		0.984	0.998
4480	2086	1	0		0.982	0.764		0.996	0.985
4480	2086	1	1		0.948	0.765		0.98	0.999
4480	2049	38	0		0.962	0.774		0.966	0.991
4480	2049	38	1		0.953	0.772		0.999	0.999
4544	0	0	0		1.014	1.019		0.954	0.997
4544	0	0	1		0.979	1.016		0.892	0.995
4544	39	0	0		1.033	1.013		1.005	0.996
4544	39	0	1		1.027	0.994		1.266	1.238
4544	71	0	0		1.067	1.026		1	0.996
4544	71	0	1		1.047	1.021		0.811	0.81
4544	0	39	0		1.02	0.983		0.974	0.997
4544	0	39	1		1.033	0.997		1.003	0.991
4544	0	71	0		1.025	1.005		0.987	1.021
4544	0	71	1		1.014	0.999		0.956	0.992
4544	39	39	0		0.911	0.764		0.934	1.028
4544	39	39	1		0.912	0.772		0.894	1.016
4544	71	71	0		0.927	0.774		0.942	1.009
4544	71	71	1		0.929	0.764		0.887	0.988
4544	2048	0	0		0.973	1.021		0.937	0.996
4544	2048	0	1		0.951	1.01		0.89	1.022
4544	2087	0	0		1.037	1.01		0.984	0.997
4544	2087	0	1		1.033	1.012		0.988	1.003
4544	2048	39	0		0.987	0.757		0.989	1.001
4544	2048	39	1		0.976	0.777		0.998	1.014
4544	2087	39	0		0.906	0.783		0.86	1
4544	2087	39	1		0.905	0.77		0.891	1.017
4544	39	1	0		0.993	0.771		0.997	1.004
4544	39	1	1		0.98	0.768		0.986	0.993
4544	1	39	0		1.003	0.62		0.956	1
4544	1	39	1		0.975	0.619		1.003	0.992

4544	71	1	0		0.984	0.77		0.982	1.004
4544	71	1	1		0.973	0.765		0.999	1.027
4544	1	71	0		0.982	0.612		0.959	0.999
4544	1	71	1		0.995	0.609		0.982	0.983
4544	2087	1	0		0.961	0.765		0.998	1.004
4544	2087	1	1		0.953	0.769		1.003	1.02
4544	2049	39	0		1	0.778		0.992	1.006
4544	2049	39	1		0.983	0.775		0.996	1.019
4608	0	0	0		1.005	1.012		0.807	1.011
4608	0	0	1		0.986	1.016		0.895	1.017
4608	40	0	0		1.01	1.021		0.998	0.999
4608	40	0	1		1.005	1.016		1.225	1.242
4608	72	0	0		1.03	1.016		0.992	1.002
4608	72	0	1		1.03	1.005		0.802	0.803
4608	0	40	0		1.002	0.984		0.956	1
4608	0	40	1		0.994	1		0.999	1.01
4608	0	72	0		1.013	1.003		0.979	1.003
4608	0	72	1		0.994	0.998		0.961	0.987
4608	40	40	0		0.912	0.78		0.797	0.996
4608	40	40	1		0.908	0.774		0.897	1.037
4608	72	72	0		0.918	0.775		0.778	0.997
4608	72	72	1		0.903	0.774		0.894	1.044
4608	2048	0	0		0.946	1.016		0.804	0.996
4608	2048	0	1		0.97	1.008		0.887	1.016
4608	2088	0	0		1.034	1.026		0.979	1
4608	2088	0	1		1.035	1.015		0.976	1.016
4608	2048	40	0		0.959	0.778		0.967	1.005
4608	2048	40	1		0.942	0.777		0.981	1.013
4608	2088	40	0		0.889	0.784		0.773	1.001
4608	2088	40	1		0.896	0.785		0.889	1.016
4608	40	1	0		0.994	0.764		0.995	0.996
4608	40	1	1		0.999	0.785		0.998	1
4608	1	40	0		1.01	0.615		0.981	1.006
4608	1	40	1		0.982	0.612		0.978	1.016



4608	72	1	0		0.992	0.784		1	0.998
4608	72	1	1		0.989	0.779		0.998	0.998
4608	1	72	0		0.991	0.611		0.984	1.001
4608	1	72	1		0.968	0.609		0.953	1
4608	2088	1	0		0.947	0.777		0.971	0.999
4608	2088	1	1		0.941	0.78		0.98	1.023
4608	2049	40	0		0.95	0.783		0.975	1.003
4608	2049	40	1		0.954	0.778		0.999	1.019
4672	0	0	0		1	1.016		0.941	1.01
4672	0	0	1		0.984	1.01		0.906	0.998
4672	41	0	0		1.014	1.005		1.001	0.985
4672	41	0	1		1.008	1.003		1.249	1.236
4672	73	0	0		0.993	1.037		0.985	1.001
4672	73	0	1		1.031	1.015		0.814	0.789
4672	0	41	0		0.988	0.979		0.982	0.997
4672	0	41	1		0.984	0.999		0.987	1.003
4672	0	73	0		1.02	1.003		0.997	0.982
4672	0	73	1		1.027	0.999		0.986	0.996
4672	41	41	0		0.933	0.769		0.927	0.966
4672	41	41	1		0.905	0.771		0.902	0.987
4672	73	73	0		0.942	0.774		0.936	0.999
4672	73	73	1		0.937	0.766		0.912	0.982
4672	2048	0	0		0.967	1.019		0.924	1.005
4672	2048	0	1		0.968	1.005		0.886	1
4672	2089	0	0		1.047	1.031		1	1.007
4672	2089	0	1		1.034	0.998		0.999	0.973
4672	2048	41	0		1	0.768		0.98	1.005
4672	2048	41	1		0.993	0.789		1.007	1.007
4672	2089	41	0		0.93	0.783		0.928	0.999
4672	2089	41	1		0.932	0.784		0.9	0.997
4672	41	1	0		0.968	0.774		0.975	0.995
4672	41	1	1		0.977	0.776		0.989	0.999
4672	1	41	0		0.974	0.617		0.972	1.011
4672	1	41	1		0.988	0.617		1	1.003

4672	73	1	0		0.976	0.783		0.987	1.025
4672	73	1	1		0.975	0.778		0.997	1
4672	1	73	0		1.006	0.615		0.979	1
4672	1	73	1		0.997	0.6		0.98	0.994
4672	2089	1	0		0.968	0.778		0.98	1.008
4672	2089	1	1		0.956	0.771		1.004	0.996
4672	2049	41	0		0.984	0.782		0.987	1.012
4672	2049	41	1		0.957	0.786		0.976	0.995
4736	0	0	0		0.995	1.026		0.906	1.011
4736	0	0	1		1.001	1.015		0.899	1.015
4736	42	0	0		1.015	1.002		0.992	0.994
4736	42	0	1		1.015	0.994		1.213	1.216
4736	74	0	0		1.026	1.011		1.016	1.002
4736	74	0	1		1.021	1.007		0.788	0.785
4736	0	42	0		0.999	1		0.968	1.002
4736	0	42	1		0.998	0.998		1.004	0.981
4736	0	74	0		1.002	0.98		0.986	0.994
4736	0	74	1		1.049	1		1.006	0.993
4736	42	42	0		0.899	0.765		0.909	0.984
4736	42	42	1		0.92	0.767		0.897	0.983
4736	74	74	0		0.895	0.77		0.909	1.029
4736	74	74	1		0.896	0.785		0.905	0.998
4736	2048	0	0		0.96	1.016		0.929	1.004
4736	2048	0	1		0.975	1.01		0.884	1.003
4736	2090	0	0		1.05	1.015		0.998	1.002
4736	2090	0	1		1.023	1.017		0.985	0.984
4736	2048	42	0		0.964	0.774		0.987	0.987
4736	2048	42	1		0.958	0.788		1.004	0.999
4736	2090	42	0		0.922	0.784		0.926	0.997
4736	2090	42	1		0.901	0.776		0.899	1
4736	42	1	0		0.994	0.783		0.997	0.987
4736	42	1	1		0.988	0.78		0.992	0.997
4736	1	42	0		0.979	0.617		0.964	1.002
4736	1	42	1		0.965	0.615		1.011	0.998

4736	74	1	0		0.987	0.78		0.98	1.008
4736	74	1	1		0.984	0.777		0.996	0.999
4736	1	74	0		0.991	0.614		0.988	1.003
4736	1	74	1		0.988	0.613		0.973	1.003
4736	2090	1	0		0.973	0.784		0.998	1.012
4736	2090	1	1		0.939	0.778		0.994	0.997
4736	2049	42	0		0.956	0.792		0.975	1.014
4736	2049	42	1		0.949	0.789		0.975	0.997
4800	0	0	0		0.988	1.003		0.942	0.999
4800	0	0	1		0.983	1.016		0.899	1.007
4800	43	0	0		1.006	1.001		0.998	0.994
4800	43	0	1		0.992	0.994		1.278	1.241
4800	75	0	0		0.981	1.014		0.963	1.003
4800	75	0	1		1.012	0.995		0.799	0.8
4800	0	43	0		0.996	0.982		0.978	1
4800	0	43	1		1.002	1.002		1.002	1.004
4800	0	75	0		1.026	1.018		0.981	0.998
4800	0	75	1		0.984	1		0.934	1.008
4800	43	43	0		0.935	0.706		0.94	0.976
4800	43	43	1		0.946	0.714		0.9	0.997
4800	75	75	0		0.906	0.712		0.936	1.001
4800	75	75	1		0.923	0.714		0.915	0.995
4800	2048	0	0		0.988	1.021		0.944	1.002
4800	2048	0	1		0.97	1.005		0.896	1.007
4800	2091	0	0		1.01	0.999		0.994	0.993
4800	2091	0	1		1.006	1.01		0.978	0.994
4800	2048	43	0		0.958	0.715		0.973	1.001
4800	2048	43	1		0.982	0.711		1.007	1.008
4800	2091	43	0		0.94	0.713		0.946	1.005
4800	2091	43	1		0.935	0.715		0.901	1.009
4800	43	1	0		0.985	0.78		0.981	0.991
4800	43	1	1		0.98	0.777		1	0.994
4800	1	43	0		0.972	0.611		0.968	0.996
4800	1	43	1		0.981	0.617		0.999	1.001

4800	75	1	0		0.976	0.777		0.979	1.003
4800	75	1	1		0.961	0.778		0.983	1.003
4800	1	75	0		1.019	0.607		0.988	1.001
4800	1	75	1		1.023	0.603		0.986	0.985
4800	2091	1	0		0.94	0.79		0.977	1.007
4800	2091	1	1		0.949	0.777		1.002	1.011
4800	2049	43	0		0.966	0.715		0.979	1.006
4800	2049	43	1		0.978	0.712		0.991	1.007
4864	0	0	0		1.028	0.984		0.947	0.997
4864	0	0	1		0.998	1.015		0.898	1.01
4864	44	0	0		1.015	1.01		0.989	0.991
4864	44	0	1		1.013	1.012		1.208	1.218
4864	76	0	0		1.011	1.005		0.993	0.995
4864	76	0	1		1.045	1.015		0.811	0.785
4864	0	44	0		1.024	0.983		1	0.999
4864	0	44	1		1.009	1.002		1.004	1.037
4864	0	76	0		1.02	1.004		0.988	0.993
4864	0	76	1		1.006	1		0.948	1.013
4864	44	44	0		0.933	0.72		0.946	1.003
4864	44	44	1		0.926	0.713		0.896	0.989
4864	76	76	0		0.925	0.724		0.934	1.003
4864	76	76	1		0.918	0.723		0.899	1.022
4864	2048	0	0		1.018	1		0.945	0.999
4864	2048	0	1		0.996	1.008		0.889	1.011
4864	2092	0	0		1.064	1.031		0.997	1.009
4864	2092	0	1		1.047	1.001		0.978	0.991
4864	2048	44	0		0.954	0.704		0.995	0.998
4864	2048	44	1		0.935	0.718		1.003	1.008
4864	2092	44	0		0.947	0.721		0.945	0.999
4864	2092	44	1		0.946	0.723		0.894	1.004
4864	44	1	0		0.974	0.717		0.992	0.998
4864	44	1	1		0.975	0.716		1.023	1
4864	1	44	0		0.979	0.611		0.971	1.002
4864	1	44	1		0.978	0.611		1.01	1.021

4864	76	1	0		0.997	0.715		0.977	1.002
4864	76	1	1		0.989	0.713		1.007	0.999
4864	1	76	0		1.002	0.608		1.002	1.004
4864	1	76	1		1	0.605		0.997	0.989
4864	2092	1	0		0.949	0.715		1.001	1.002
4864	2092	1	1		0.942	0.72		1.005	1.008
4864	2049	44	0		0.95	0.722		0.978	1.005
4864	2049	44	1		0.945	0.722		0.982	1.003
4928	0	0	0		1.009	1.012		0.947	1.014
4928	0	0	1		1.002	1.015		0.91	0.998
4928	45	0	0		1.015	1.012		1.001	0.989
4928	45	0	1		0.999	1.005		1.233	1.249
4928	77	0	0		1.015	1.02		0.993	0.988
4928	77	0	1		1.014	1.004		0.809	0.794
4928	0	45	0		0.984	0.983		0.958	0.998
4928	0	45	1		0.997	1.002		0.976	0.994
4928	0	77	0		1.031	1.005		0.989	0.981
4928	0	77	1		1.031	1.001		0.942	0.999
4928	45	45	0		0.944	0.72		0.959	0.982
4928	45	45	1		0.947	0.71		0.904	0.974
4928	77	77	0		0.959	0.713		0.952	0.997
4928	77	77	1		0.945	0.722		0.915	1.007
4928	2048	0	0		1.002	0.976		0.946	0.974
4928	2048	0	1		0.978	1.009		0.891	1.003
4928	2093	0	0		1.034	1.028		1.007	0.998
4928	2093	0	1		1.02	1.008		0.995	0.981
4928	2048	45	0		0.998	0.728		0.997	1.008
4928	2048	45	1		0.975	0.718		1.006	0.996
4928	2093	45	0		0.96	0.732		0.946	0.994
4928	2093	45	1		0.957	0.725		0.908	0.998
4928	45	1	0		0.983	0.723		0.993	0.989
4928	45	1	1		0.965	0.722		0.99	1.002
4928	1	45	0		0.979	0.607		0.967	1
4928	1	45	1		0.992	0.605		0.995	0.991

4928	77	1	0		0.992	0.721		0.99	0.995
4928	77	1	1		0.978	0.715		1.001	1.001
4928	1	77	0		1.02	0.611		0.981	1
4928	1	77	1		1.023	0.608		0.984	1.004
4928	2093	1	0		0.95	0.723		0.98	1.011
4928	2093	1	1		0.92	0.717		0.972	1
4928	2049	45	0		0.987	0.733		0.994	1.008
4928	2049	45	1		0.939	0.732		0.963	0.992
4992	0	0	0		1.029	1.005		0.951	1.007
4992	0	0	1		1.008	1.015		0.909	1
4992	46	0	0		1.03	0.998		0.998	0.996
4992	46	0	1		1.012	0.998		1.229	1.231
4992	78	0	0		1.048	1.008		1.009	1.009
4992	78	0	1		1.03	1.014		0.812	0.799
4992	0	46	0		0.994	1.003		0.979	0.999
4992	0	46	1		0.996	0.999		1	1.003
4992	0	78	0		1.011	1.003		0.994	1.007
4992	0	78	1		0.972	1		0.936	1
4992	46	46	0		0.944	0.719		0.946	0.998
4992	46	46	1		0.94	0.717		0.901	0.977
4992	78	78	0		0.964	0.703		0.941	1.014
4992	78	78	1		0.941	0.699		0.913	0.996
4992	2048	0	0		1.012	0.983		0.952	0.982
4992	2048	0	1		1.014	1.013		0.898	0.999
4992	2094	0	0		1.084	0.999		1.001	1.011
4992	2094	0	1		1.058	0.988		0.995	0.978
4992	2048	46	0		0.972	0.739		0.987	1.01
4992	2048	46	1		0.97	0.734		1.005	1.003
4992	2094	46	0		0.942	0.735		0.948	0.999
4992	2094	46	1		0.971	0.723		0.911	0.982
4992	46	1	0		0.984	0.737		1	0.973
4992	46	1	1		0.97	0.721		0.985	1.002
4992	1	46	0		0.963	0.607		0.972	0.996
4992	1	46	1		0.974	0.605		1.006	1.007

4992	78	1	0		0.992	0.735		0.987	1.027
4992	78	1	1		1.018	0.729		1.005	1
4992	1	78	0		0.998	0.6		1.008	1.006
4992	1	78	1		0.994	0.601		0.962	1.005
4992	2094	1	0		0.965	0.724		0.998	1.017
4992	2094	1	1		0.937	0.724		0.997	1
4992	2049	46	0		0.961	0.739		0.99	1.014
4992	2049	46	1		0.947	0.732		0.975	0.995
5056	0	0	0		1.017	0.998		0.934	0.975
5056	0	0	1		1.003	1.011		0.907	0.998
5056	47	0	0		1.012	1.005		0.991	0.984
5056	47	0	1		1.014	1.01		1.262	1.264
5056	79	0	0		1.025	1.027		1.004	0.99
5056	79	0	1		1.048	1.007		0.819	0.799
5056	0	47	0		1.006	0.999		0.977	0.994
5056	0	47	1		0.989	0.998		0.985	0.972
5056	0	79	0		1.04	0.985		0.995	0.981
5056	0	79	1		1.041	1		0.983	1.002
5056	47	47	0		0.953	0.703		0.935	0.977
5056	47	47	1		0.936	0.714		0.901	1.008
5056	79	79	0		0.957	0.724		0.927	0.996
5056	79	79	1		0.931	0.703		0.907	0.986
5056	2048	0	0		1.004	0.994		0.931	0.996
5056	2048	0	1		1.002	1.01		0.888	1.007
5056	2095	0	0		1.044	1.035		1.012	0.981
5056	2095	0	1		1.003	1.024		0.993	0.979
5056	2048	47	0		0.987	0.72		0.997	0.983
5056	2048	47	1		0.973	0.72		0.986	1.021
5056	2095	47	0		0.953	0.725		0.929	0.999
5056	2095	47	1		0.974	0.723		0.897	0.998
5056	47	1	0		0.986	0.717		1.003	0.995
5056	47	1	1		0.964	0.719		0.979	0.999
5056	1	47	0		0.988	0.613		0.984	0.992
5056	1	47	1		0.988	0.612		0.989	1.002

5056	79	1	0		0.976	0.717		0.998	0.989
5056	79	1	1		0.976	0.718		0.992	1
5056	1	79	0		1.03	0.607		1.011	1.017
5056	1	79	1		1.018	0.59		0.959	0.992
5056	2095	1	0		0.973	0.713		1.017	0.998
5056	2095	1	1		0.959	0.715		0.997	0.997
5056	2049	47	0		0.985	0.723		0.998	0.996
5056	2049	47	1		0.973	0.722		0.985	1
5120	0	0	0		1.006	1.003		0.937	0.986
5120	0	0	1		0.989	1.012		0.902	1.005
5120	48	0	0		1.016	1.026		0.987	0.996
5120	48	0	1		1.016	1.014		1.22	1.252
5120	80	0	0		1.015	1.01		0.998	0.983
5120	80	0	1		1.024	1.014		0.805	0.802
5120	0	48	0		0.993	1.004		0.972	0.989
5120	0	48	1		0.993	0.982		0.992	1.01
5120	0	80	0		1.008	1.008		0.991	0.994
5120	0	80	1		0.999	0.984		0.973	1.013
5120	48	48	0		0.947	0.724		0.934	1.002
5120	48	48	1		0.945	0.725		0.902	1.006
5120	80	80	0		0.951	0.722		0.935	0.998
5120	80	80	1		0.937	0.716		0.902	1.001
5120	2048	0	0		0.991	1.019		0.929	0.997
5120	2048	0	1		1.003	1.022		0.887	1.006
5120	2096	0	0		1.04	1.021		0.98	0.993
5120	2096	0	1		1.011	1.014		0.98	0.976
5120	2048	48	0		0.969	0.73		0.987	0.989
5120	2048	48	1		0.95	0.73		1.004	1.007
5120	2096	48	0		0.96	0.715		0.936	0.999
5120	2096	48	1		0.979	0.712		0.901	0.997
5120	48	1	0		1.005	0.718		1.013	0.984
5120	48	1	1		0.981	0.724		0.989	1.003
5120	1	48	0		0.99	0.61		0.973	0.994
5120	1	48	1		0.991	0.608		1	1.005



5120	80	1	0		0.985	0.719		1.001	0.998
5120	80	1	1		0.971	0.713		0.995	0.999
5120	1	80	0		0.99	0.607		0.984	1.018
5120	1	80	1		1.037	0.587		0.981	1
5120	2096	1	0		0.976	0.729		0.996	0.992
5120	2096	1	1		0.941	0.715		0.975	1.003
5120	2049	48	0		0.978	0.732		0.997	0.995
5120	2049	48	1		0.954	0.731		0.994	0.994
Results For: memmove									
length	align1	align2			Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
1	0	32			1.331	1.285		1.311	1.25
1	32	0			1.332	1.285		1.286	1.251
1	0	0			1.33	1.319		1.285	1.283
2	0	32			1	1		1	1.07
2	32	0			0.999	1		1	1.071
2	0	1			1	0.924		1	0.924
2	1	0			1	0.984		1	0.984
4	0	32			1.14	1.222		1.125	1.125
4	32	0			1.143	1.222		1.125	1.125
4	0	2			1.073	0.999		1.022	1
4	2	0			1	0.998		1	0.998
8	0	32			1	0.9		1.013	0.89
8	32	0			0.998	0.9		1	0.889
8	0	3			1	1.001		0.989	0.997
8	3	0			1	0.992		1	1.005
16	0	32			0.858	1		0.87	1
16	32	0			0.873	1		0.887	1
16	0	4			1	0.995		1	1.003
16	4	0			0.979	0.996		0.979	1.012
32	0	32			1.152	1.348		1.318	1.139
32	32	0			1.164	1.285		1.332	1.141
32	0	5			0.95	0.861		0.95	0.862
32	5	0			0.95	0.918		0.95	0.923

64	0	32			0.835	0.859		1.001	1.002
64	32	0			0.834	0.928		1	1.001
64	0	6			1	1		1	1
64	6	0			0.978	1		0.978	1
128	0	32			0.978	1.065		0.978	0.885
128	32	0			0.98	1		0.979	0.849
128	0	7			1	1		1	1
128	7	0			1	0.978		1	0.988
256	0	32			1.02	0.94		1	1
256	32	0			1.075	0.906		1.001	0.988
256	0	8			0.989	1		1	1
256	8	0			1.015	0.999		0.978	1
512	0	32			0.789	0.896		0.94	1.022
512	32	0			0.938	0.864		0.978	0.867
512	0	9			1	0.956		1	0.952
512	9	0			0.981	0.972		0.947	0.973
1024	0	32			0.965	0.994		0.977	1
1024	32	0			1.032	0.814		1.116	0.829
1024	0	10			0.985	0.975		0.996	0.971
1024	10	0			0.996	0.981		0.999	0.978
2048	0	32			0.787	1		0.777	1
2048	32	0			0.938	1		0.954	1
2048	0	11			0.989	0.956		1.001	0.974
2048	11	0			0.997	0.99		1.004	0.982
4096	0	32			0.885	0.971		0.894	0.974
4096	32	0			0.93	0.94		0.957	0.954
4096	0	12			0.962	0.988		0.977	0.987
4096	12	0			1.033	0.988		0.986	0.996
0	0	32			1.141	1.189		1.125	1.096
0	32	0			1.142	1.205		1.124	1.096
0	0	0			1.142	1.221		1.124	1.124
1	0	1			1.358	1.285		1.312	1.251
1	1	0			1.331	1.285		1.312	1.25
2	0	2			1	1		1	1.124

2	2	0			1.001	1		1	1.125
3	0	32			1.019	1		1.01	1.124
3	32	0			1	1		1	1.124
3	0	3			1	1.001		0.999	1.124
3	3	0			1	1		1	1.124
4	0	4			1.142	1.222		1.125	1.125
4	4	0			1.141	1.222		1.125	1.125
5	0	32			1.142	1.222		1.124	1.126
5	32	0			1.142	1.222		1.123	1.125
5	0	5			1.141	1.222		1.125	1.125
5	5	0			1.142	1.222		1.124	1.125
6	0	32			1.142	1.221		1.124	1.126
6	32	0			1.141	1.222		1.124	1.125
6	0	6			1.142	1.221		1.125	1.125
6	6	0			1.142	1.222		1.124	1.126
7	0	32			1.14	1.222		1.124	1.126
7	32	0			1.14	1.222		1.124	1.126
7	0	7			1.139	1.222		1.125	1.125
7	7	0			1.139	1.222		1.124	1.125
8	0	8			0.989	0.9		0.989	0.889
8	8	0			1	0.9		1	0.889
9	0	32			0.999	0.9		0.998	0.889
9	32	0			1	0.9		1	0.888
9	0	9			0.999	0.9		1	0.889
9	9	0			0.99	0.9		0.989	0.889
10	0	32			0.99	0.9		0.991	0.889
10	32	0			1	0.9		0.998	0.889
10	0	10			1	0.901		1	0.889
10	10	0			1	0.9		1	0.889
11	0	32			0.999	0.9		1.001	0.888
11	32	0			0.998	0.9		1	0.889
11	0	11			0.999	0.9		0.999	0.889
11	11	0			1	0.9		0.999	0.889
12	0	32			1.001	0.9		0.999	0.889

12	32	0			1	0.9		1	0.889
12	0	12			0.999	0.9		1	0.889
12	12	0			0.999	0.9		0.999	0.889
13	0	32			1	0.9		0.999	0.889
13	32	0			1	0.901		0.999	0.889
13	0	13			0.999	0.9		0.999	0.889
13	13	0			1	0.901		1	0.889
14	0	32			1	0.901		1	0.889
14	32	0			1.001	0.9		1.001	0.889
14	0	14			1.001	0.9		1	0.888
14	14	0			1	0.901		1	0.889
15	0	32			1.001	0.9		1	0.889
15	32	0			1.001	0.901		1	0.889
15	0	15			1	0.899		1	0.889
15	15	0			1	0.9		0.999	0.889
16	0	16			0.873	1		0.889	1
16	16	0			0.874	1		0.889	1
17	0	32			0.891	1		0.908	1
17	32	0			0.894	1.001		0.909	1
17	0	17			0.893	1		0.91	0.999
17	17	0			0.892	0.999		0.909	1
18	0	32			0.892	0.999		0.908	1
18	32	0			0.894	1		0.909	1
18	0	18			0.893	1		0.91	0.999
18	18	0			0.893	1		0.909	0.999
19	0	32			0.893	1		0.91	1
19	32	0			0.893	1		0.91	0.999
19	0	19			0.894	1		0.91	1
19	19	0			0.894	1		0.91	0.999
20	0	32			0.894	1		0.91	0.999
20	32	0			0.897	1.001		0.91	1
20	0	20			0.895	1		0.911	1.001
20	20	0			0.913	1		0.929	1
21	0	32			0.913	1		0.929	1.001

21	32	0			0.913	1		0.929	1
21	0	21			0.912	0.999		0.93	1
21	21	0			0.913	0.999		0.93	1.001
22	0	32			0.914	1.001		0.929	0.999
22	32	0			0.913	1.001		0.93	0.999
22	0	22			0.915	1.001		0.929	0.999
22	22	0			0.914	1		0.93	0.999
23	0	32			0.915	1.001		0.929	0.999
23	32	0			0.914	1		0.929	1
23	0	23			0.913	1		0.93	1
23	23	0			0.913	1		0.93	1
24	0	32			0.914	1		0.93	1
24	32	0			0.914	1		0.929	1
24	0	24			0.913	1		0.93	1
24	24	0			0.913	1		0.929	0.999
25	0	32			0.914	1		0.929	1
25	32	0			0.913	1		0.929	0.999
25	0	25			0.913	1		0.929	1
25	25	0			0.913	1		0.93	1
26	0	32			0.914	1		0.93	1
26	32	0			0.913	1		0.929	1
26	0	26			0.914	1		0.93	1
26	26	0			0.913	1.001		0.93	0.999
27	0	32			0.913	1		0.93	1
27	32	0			0.913	1		0.93	1
27	0	27			0.913	1		0.93	1
27	27	0			0.913	1		0.93	1
28	0	32			0.913	1		0.93	1
28	32	0			0.913	1		0.93	1
28	0	28			0.914	1		0.93	1
28	28	0			0.913	1		0.929	1
29	0	32			0.913	1		0.929	1
29	32	0			0.913	1		0.93	1
29	0	29			0.914	0.999		0.929	1.001

29	29	0			0.913	1		0.93	1
30	0	32			0.913	1		0.93	1
30	32	0			0.913	1		0.93	1
30	0	30			0.912	1		0.931	1
30	30	0			0.914	1		0.929	1
31	0	32			0.912	1		0.931	1
31	32	0			0.913	1.001		0.93	1
31	0	31			0.914	1		0.929	1
31	31	0			0.912	1		0.931	1
48	0	32			1.046	1		1.046	1
48	32	0			1.046	1		1.046	1
48	0	3			1.046	0.997		1.046	1
48	3	0			1.023	0.996		1.023	0.998
80	0	32			1	1		1	1
80	32	0			1.023	1		1.023	1
80	0	5			1.023	0.987		1.022	1.008
80	5	0			1.023	0.998		1.023	0.987
96	0	32			1.001	1.038		1.001	0.819
96	32	0			1.021	1.045		1.022	0.819
96	0	6			1.022	1		1.022	1.014
96	6	0			1	0.998		1	1
112	0	32			0.989	1		1	1
112	32	0			1	1		1	1.002
112	0	7			1	1		0.989	1.014
112	7	0			1	1		1	1
144	0	32			0.979	1		0.979	1
144	32	0			1	1		1	1
144	0	9			0.988	1		1	1
144	9	0			1	1		1	1
160	0	32			1	0.916		1	1
160	32	0			1.112	0.916		1	1
160	0	10			1	1		1	1
160	10	0			1	1		1	1
176	0	32			1	1.001		1	1

176	32	0			1	1		1	0.999
176	0	11			1	1		1	1
176	11	0			1	1		1	1
192	0	32			1.051	0.915		1	1
192	32	0			0.979	0.916		1	1
192	0	12			1	1		1	1
192	12	0			1	0.987		1	0.987
208	0	32			1	1		1	1
208	32	0			1	0.988		1	0.998
208	0	13			1	1		0.968	1
208	13	0			1	0.994		0.975	0.974
224	0	32			1.001	0.894		0.999	0.975
224	32	0			1.099	0.904		0.989	0.988
224	0	14			1	0.974		1	0.974
224	14	0			0.978	1		0.978	1
240	0	32			0.988	0.987		0.988	0.987
240	32	0			1	0.998		1	1
240	0	15			1	1		1	1
240	15	0			0.996	1		0.999	1
272	0	32			0.953	0.895		0.952	0.922
272	32	0			1	1.003		1	1.004
272	0	17			0.99	0.999		1	0.968
272	17	0			1	0.965		1	0.966
288	0	32			0.74	0.916		0.725	0.945
288	32	0			0.981	0.866		0.988	0.918
288	0	18			0.98	0.965		0.966	0.964
288	18	0			0.978	0.963		0.985	0.963
304	0	32			0.947	1.054		0.947	0.945
304	32	0			0.983	1		0.978	1
304	0	19			0.988	0.988		0.979	0.963
304	19	0			0.989	0.969		0.978	0.969
320	0	32			0.907	1.054		0.93	0.944
320	32	0			0.929	0.943		1	0.895
320	0	20			0.967	0.957		0.983	0.938

320	20	0			1	0.883		0.989	0.967
336	0	32			0.952	0.999		0.952	0.895
336	32	0			0.978	0.998		0.977	0.998
336	0	21			1	1		1	0.99
336	21	0			0.972	0.968		1	0.971
352	0	32			0.908	1.055		0.932	0.944
352	32	0			0.95	0.941		0.988	0.882
352	0	22			0.957	0.938		0.958	0.964
352	22	0			0.955	0.99		0.965	0.965
368	0	32			0.958	1.041		0.958	0.945
368	32	0			0.978	1		0.978	0.998
368	0	23			0.989	0.946		0.98	0.967
368	23	0			1	0.969		1	0.973
384	0	32			0.917	1.028		0.923	0.944
384	32	0			0.929	0.926		0.979	0.897
384	0	24			0.946	0.969		0.956	0.939
384	24	0			1	0.987		1	0.969
400	0	32			0.952	0.999		0.952	0.895
400	32	0			1	1.004		1	1
400	0	25			0.956	0.947		0.952	0.987
400	25	0			0.978	0.967		0.967	0.969
416	0	32			0.67	0.772		0.804	0.791
416	32	0			0.95	0.943		1	0.955
416	0	26			0.973	0.946		0.967	0.971
416	26	0			0.933	0.929		0.965	0.944
432	0	32			0.936	0.895		0.947	0.923
432	32	0			1	1		1	1
432	0	27			0.956	0.947		1.004	0.976
432	27	0			1.001	0.974		1	0.973
448	0	32			0.789	0.897		1.033	0.954
448	32	0			0.939	0.838		1	0.881
448	0	28			0.97	0.947		1.035	0.976
448	28	0			1	0.972		1	0.984
464	0	32			0.952	0.895		0.952	0.949



464	32	0			1	1.004		1	0.992
464	0	29			0.966	0.948		0.954	0.983
464	29	0			0.962	0.974		0.984	0.974
480	0	32			0.832	0.898		1.033	0.953
480	32	0			0.939	0.847		1	0.882
480	0	30			0.937	0.947		0.947	0.972
480	30	0			0.962	0.963		0.984	0.973
496	0	32			0.925	0.894		0.947	0.927
496	32	0			1	1.004		1	1.004
496	0	31			0.947	0.948		0.932	0.987
496	31	0			1.004	0.974		1	0.982
1024	0	0			1	1.299		1	1.091
1024	32	32			1.001	1.298		1.062	1.133
1056	0	0			0.989	1.297		0.98	1.091
1056	33	0			0.977	0.961		0.979	0.988
1056	0	33			0.987	0.982		0.972	0.962
1056	33	33			0.999	1.298		1	1.181
1088	0	0			0.998	1.299		0.998	1.181
1088	34	0			0.98	1.009		0.977	1.003
1088	0	34			0.98	0.966		1.029	0.984
1088	34	34			0.999	1.297		0.999	1.18
1120	0	0			0.979	1.298		0.978	1.181
1120	35	0			0.984	1.012		0.989	0.988
1120	0	35			0.982	0.977		0.935	0.977
1120	35	35			1	1.295		1	1.181
1152	0	0			0.999	1.296		1	1.181
1152	36	0			0.959	0.978		0.977	0.996
1152	0	36			0.975	0.959		1	0.97
1152	36	36			1	1.297		1	1.181
1184	0	0			1	1.298		0.998	1.181
1184	37	0			0.978	0.974		0.977	0.977
1184	0	37			0.988	0.967		0.994	0.983
1184	37	37			0.98	1.295		0.979	1.18
1216	0	0			0.998	1.299		0.998	1.181

1216	38	0			0.997	0.985		1	0.987
1216	0	38			0.98	0.991		1	0.97
1216	38	38			0.979	1.297		0.978	1.181
1248	0	0			0.998	1.296		1	1.179
1248	39	0			0.971	0.983		0.978	0.978
1248	0	39			0.985	0.957		0.955	0.975
1248	39	39			1.001	1.298		1	1.18
1280	0	0			1	1.298		0.999	1.181
1280	40	0			0.976	0.983		1	0.983
1280	0	40			0.978	0.991		1	0.983
1280	40	40			1	1.3		1.001	1.182
1312	0	0			0.999	1.299		0.999	1.181
1312	41	0			0.978	0.982		0.99	0.978
1312	0	41			0.973	0.957		0.985	0.972
1312	41	41			1.01	1.299		1.01	1.181
1344	0	0			1	1.299		1	1.181
1344	42	0			0.976	0.992		0.978	0.978
1344	0	42			0.983	0.984		1	0.953
1344	42	42			0.999	1.3		0.999	1.182
1376	0	0			0.998	1.3		1	1.182
1376	43	0			0.99	0.983		0.984	0.986
1376	0	43			0.98	0.943		0.974	0.971
1376	43	43			0.979	1.3		0.979	1.181
1408	0	0			1	1.3		1	1.182
1408	44	0			0.979	0.984		0.995	0.985
1408	0	44			0.964	0.984		1	0.971
1408	44	44			1.01	1.299		1	1.181
1440	0	0			0.999	1.299		1	1.181
1440	45	0			0.992	0.982		0.99	0.995
1440	0	45			0.976	0.937		0.999	0.96
1440	45	45			0.979	1.3		0.978	1.181
1472	0	0			0.999	1.299		0.999	1.181
1472	46	0			0.974	0.983		0.977	0.977
1472	0	46			0.977	0.958		1	0.968

1472	46	46			0.977	1.299		0.978	1.176
1504	0	0			1	1.299		0.999	1.18
1504	47	0			0.99	0.992		1	0.981
1504	0	47			0.979	0.938		0.967	0.959
1504	47	47			0.979	1.3		0.979	1.196
1536	0	0			1	1.297		1	1.163
1536	48	0			0.961	0.995		0.977	0.977
1536	0	48			0.979	0.977		0.981	0.985
1536	48	48			0.98	1.299		0.98	1.175
1568	0	0			0.998	1.299		1	1.181
1568	49	0			1.007	0.992		1	0.977
1568	0	49			0.962	0.965		0.972	0.992
1568	49	49			0.98	1.271		0.979	1.181
1600	0	0			0.981	1.309		0.989	1.206
1600	50	0			0.989	0.978		0.988	0.987
1600	0	50			0.985	0.959		1	0.974
1600	50	50			0.999	1.3		0.999	1.151
1632	0	0			1	1.299		0.999	1.175
1632	51	0			1.01	0.988		1	0.986
1632	0	51			0.965	0.963		0.961	0.985
1632	51	51			0.988	1.287		0.989	1.15
1664	0	0			1	1.267		1	1.152
1664	52	0			0.983	0.978		1	0.984
1664	0	52			0.964	0.985		0.999	0.98
1664	52	52			0.988	1.292		0.998	1.191
1696	0	0			0.999	1.266		1	1.151
1696	53	0			1.012	0.992		1	0.992
1696	0	53			0.993	0.976		0.983	0.973
1696	53	53			1	1.292		0.999	1.18
1728	0	0			0.999	1.299		0.999	1.177
1728	54	0			0.974	0.979		0.977	0.986
1728	0	54			0.983	0.959		1	0.983
1728	54	54			0.96	1.33		0.958	1.181
1760	0	0			1	1.3		1	1.19

1760	55	0			0.984	0.998		1	0.994
1760	0	55			0.986	0.962		0.988	0.97
1760	55	55			1	1.269		0.999	1.166
1792	0	0			1	1.298		0.999	1.15
1792	56	0			0.983	0.977		1	0.982
1792	0	56			1.002	0.973		1	0.986
1792	56	56			1.008	1.296		1.011	1.181
1824	0	0			1	1.267		1	1.151
1824	57	0			0.994	0.994		1.017	0.977
1824	0	57			1.02	0.984		0.976	0.979
1824	57	57			0.989	1.297		0.988	1.181
1856	0	0			1	1.267		1	1.151
1856	58	0			0.976	0.982		1	0.985
1856	0	58			0.98	0.987		1	0.981
1856	58	58			0.979	1.266		0.989	1.151
1888	0	0			0.999	1.299		0.999	1.151
1888	59	0			0.979	0.99		1	0.984
1888	0	59			0.992	0.967		0.973	0.975
1888	59	59			0.978	1.297		0.98	1.181
1920	0	0			1	1.283		0.998	1.15
1920	60	0			0.966	0.98		0.987	0.98
1920	0	60			0.991	0.979		1.003	0.989
1920	60	60			0.978	1.296		0.979	1.18
1952	0	0			1	1.299		1	1.182
1952	61	0			0.977	0.989		1	0.986
1952	0	61			0.995	0.964		0.967	0.974
1952	61	61			0.99	1.296		0.989	1.181
1984	0	0			1	1.3		0.999	1.151
1984	62	0			0.986	0.988		1	0.972
1984	0	62			0.992	0.983		0.984	0.974
1984	62	62			1	1.297		0.989	1.181
2016	0	0			0.999	1.3		1	1.182
2016	63	0			0.981	0.991		0.985	0.976
2016	0	63			1	0.964		0.974	0.979

2016	63	63			0.959	1.314		0.958	1.194
2048	0	0			1.021	1.299		1.021	1.181
2048	2048	0			0.936	0.999		0.939	1
2048	0	2048			0.781	1		0.769	1
2112	0	0			0.999	1.296		0.999	1.18
2112	1	0			0.987	0.988		1	0.989
2112	0	1			1	0.98		1.003	0.987
2112	1	1			0.99	1.265		0.989	1.15
2112	2048	0			0.955	0.985		0.927	0.974
2112	0	2048			0.801	0.968		0.781	0.973
2112	2049	0			1.001	0.994		1	0.985
2112	1	2048			0.984	0.98		0.955	0.989
2112	2048	1			0.993	0.99		1	0.982
2112	0	2049			1.003	0.98		1.004	0.98
2112	2049	1			1	0.991		1	0.985
2112	1	2049			0.964	1		0.964	1
2176	0	0			1.124	1.297		1	1.181
2176	2	0			1.2	0.988		1	0.988
2176	0	2			1.163	0.984		1.009	0.991
2176	2	2			1.089	1.296		0.959	1.165
2176	2048	0			1.016	1.024		0.928	0.996
2176	0	2048			0.767	0.991		0.774	0.995
2176	2050	0			1.069	0.988		1	0.989
2176	2	2048			1.191	0.985		0.974	1.002
2176	2048	2			0.971	0.986		0.995	0.998
2176	0	2050			1.192	0.98		0.997	0.971
2176	2050	2			0.956	1		1	0.994
2176	2	2050			0.964	1		0.965	1
2240	0	0			1.101	1.296		0.959	1.162
2240	3	0			1.183	0.976		1	0.984
2240	0	3			1.122	0.983		1.003	0.993
2240	3	3			1.125	1.27		0.989	1.166
2240	2048	0			1.032	1.006		0.923	0.991
2240	0	2048			0.771	0.978		0.774	0.986

2240	2051	0			1	1.004		1	0.996
2240	3	2048			1.192	1.015		0.984	1.001
2240	2048	3			0.981	0.998		1.005	0.988
2240	0	2051			1.172	0.983		1.011	0.996
2240	2051	3			0.952	0.995		1	0.975
2240	3	2051			0.926	0.996		0.934	1.002
2304	0	0			1.113	1.266		0.978	1.165
2304	4	0			1.185	0.986		1	0.987
2304	0	4			1.107	0.98		1	0.988
2304	4	4			1.123	1.28		0.989	1.18
2304	2048	0			1.02	0.981		0.932	1
2304	0	2048			0.772	0.98		0.766	0.915
2304	2052	0			1.032	0.987		0.99	0.991
2304	4	2048			1.197	1.018		0.991	1.006
2304	2048	4			0.979	0.991		0.986	0.976
2304	0	2052			1.211	0.988		1	0.984
2304	2052	4			0.946	1		1	0.989
2304	4	2052			0.916	1		0.916	0.995
2368	0	0			1.124	1.265		0.989	1.15
2368	5	0			1.189	0.994		1	0.989
2368	0	5			1.149	0.984		1.044	1.004
2368	5	5			1.099	1.296		0.978	1.181
2368	2048	0			1.037	1		0.937	0.938
2368	0	2048			0.778	0.972		0.79	0.991
2368	2053	0			1.005	0.993		1	0.991
2368	5	2048			1.167	0.978		0.992	0.992
2368	2048	5			0.988	0.995		1.021	1.002
2368	0	2053			1.261	0.997		1.005	0.995
2368	2053	5			0.95	0.996		1	0.989
2368	5	2053			0.868	0.973		0.882	0.98
2432	0	0			1.124	1.268		0.999	1.165
2432	6	0			1.188	0.976		1	0.984
2432	0	6			1.132	0.98		1.003	0.998
2432	6	6			1.1	1.266		0.979	1.164

2432	2048	0			1.025	0.998		0.918	0.987
2432	0	2048			0.778	0.973		0.775	0.991
2432	2054	0			1.037	0.991		1.017	0.996
2432	6	2048			1.126	0.987		1.007	1.013
2432	2048	6			0.957	1		1	0.993
2432	0	2054			1.22	0.975		1	0.985
2432	2054	6			0.944	1		1	0.995
2432	6	2054			0.859	0.973		0.873	0.984
2496	0	0			1.124	1.265		1	1.151
2496	7	0			1.194	0.968		0.995	0.987
2496	0	7			1.134	0.977		1.023	0.983
2496	7	7			1.125	1.312		0.999	1.161
2496	2048	0			1.026	1		0.928	0.996
2496	0	2048			0.778	0.973		0.792	0.974
2496	2055	0			1.035	1.001		1.007	0.999
2496	7	2048			1.078	0.974		1.036	1.014
2496	2048	7			0.974	0.998		0.988	1.002
2496	0	2055			1.222	0.97		1.009	0.991
2496	2055	7			0.966	1.001		1	1.005
2496	7	2055			0.826	0.973		0.812	0.978
2560	0	0			1.124	1.266		0.999	1.151
2560	8	0			1.199	0.99		1.002	0.978
2560	0	8			1.108	0.955		1	0.98
2560	8	8			1.126	1.266		0.999	1.151
2560	2048	0			1.03	1		0.943	0.998
2560	0	2048			0.762	0.973		0.767	0.988
2560	2056	0			1.017	0.971		1	0.943
2560	8	2048			1.009	0.996		1.056	1.021
2560	2048	8			0.974	1		1.003	0.99
2560	0	2056			1.163	1.007		1	0.982
2560	2056	8			0.934	1		1	1.001
2560	8	2056			0.833	0.973		0.846	0.988
2624	0	0			1.125	1.28		1	1.18
2624	9	0			1.218	0.99		1	0.982

2624	0	9			1.125	0.987		1.008	0.993
2624	9	9			1.125	1.31		0.998	1.18
2624	2048	0			1.03	1		0.927	1.002
2624	0	2048			1.104	0.972		1.176	0.987
2624	2057	0			1.026	0.997		0.989	0.99
2624	9	2048			0.971	0.974		0.985	0.987
2624	2048	9			0.978	1.003		0.978	0.992
2624	0	2057			1.128	0.996		1	0.983
2624	2057	9			0.941	0.999		0.883	0.998
2624	9	2057			0.81	0.973		0.826	0.987
2688	0	0			1.124	1.267		1	1.18
2688	10	0			1.214	0.992		1	0.982
2688	0	10			1.118	0.984		1	0.99
2688	10	10			1.125	1.292		0.999	1.151
2688	2048	0			1.014	0.999		0.914	0.996
2688	0	2048			0.774	0.973		0.786	0.983
2688	2058	0			1.01	1.004		0.99	0.992
2688	10	2048			0.958	0.996		0.955	0.989
2688	2048	10			0.961	1.004		0.985	0.992
2688	0	2058			1.064	0.981		0.977	0.979
2688	2058	10			0.953	0.999		0.977	0.988
2688	10	2058			0.79	0.973		0.799	0.978
2752	0	0			1.124	1.266		1.001	1.179
2752	11	0			1.198	0.996		1	0.997
2752	0	11			1.159	0.983		0.984	0.992
2752	11	11			1.124	1.266		1	1.132
2752	2048	0			1.027	1		0.919	0.996
2752	0	2048			1.111	0.973		1.152	0.973
2752	2059	0			1.005	0.995		0.994	1
2752	11	2048			1.001	1.009		0.983	0.988
2752	2048	11			0.985	1.004		0.995	0.989
2752	0	2059			1.101	0.978		0.983	0.979
2752	2059	11			0.963	1		0.686	0.983
2752	11	2059			0.79	0.973		0.788	0.981



2816	0	0			1.125	1.311		1.001	1.181
2816	12	0			1.202	0.996		1	0.999
2816	0	12			1.144	0.983		0.978	0.986
2816	12	12			1.125	1.263		0.999	1.15
2816	2048	0			1.015	0.999		0.921	0.995
2816	0	2048			0.769	0.973		0.77	0.985
2816	2060	0			1.031	1		0.994	1.015
2816	12	2048			0.99	1.01		0.977	0.991
2816	2048	12			0.962	0.998		1.005	0.997
2816	0	2060			1.077	0.998		1.008	0.978
2816	2060	12			0.94	1		0.961	0.949
2816	12	2060			0.785	0.991		0.784	0.985
2880	0	0			1.123	1.294		1	1.18
2880	13	0			1.164	0.995		1	0.986
2880	0	13			0.989	0.985		0.976	0.996
2880	13	13			1.125	1.266		1.02	1.121
2880	2048	0			1.014	1		0.655	1
2880	0	2048			1.081	0.973		0.949	0.98
2880	2061	0			1.045	1		1	0.979
2880	13	2048			1.011	1		0.964	0.978
2880	2048	13			0.972	0.995		0.981	0.996
2880	0	2061			1.035	0.992		0.979	0.994
2880	2061	13			0.954	1		0.692	1.01
2880	13	2061			0.976	0.973		0.767	0.992
2944	0	0			1.124	1.266		0.999	1.151
2944	14	0			1.137	0.991		0.999	0.991
2944	0	14			1.109	0.987		1	1.005
2944	14	14			1.124	1.266		1	1.151
2944	2048	0			1.025	1		0.662	0.997
2944	0	2048			1.106	0.972		0.787	0.995
2944	2062	0			1.027	0.987		0.994	0.992
2944	14	2048			1.021	0.999		0.971	0.99
2944	2048	14			0.963	0.991		1	1.002
2944	0	2062			1.042	0.991		0.977	1.001

2944	2062	14			0.947	1		0.9	0.978
2944	14	2062			1.023	0.981		0.749	0.991
3008	0	0			1.125	1.265		1	1.136
3008	15	0			1.144	0.987		1	0.986
3008	0	15			1.042	0.993		0.986	0.993
3008	15	15			1.122	1.283		0.999	1.151
3008	2048	0			1.023	1		0.667	1
3008	0	2048			0.861	0.972		0.891	0.981
3008	2063	0			1.043	0.978		0.981	0.987
3008	15	2048			1.014	0.998		0.967	0.984
3008	2048	15			1.007	1		0.987	0.999
3008	0	2063			1.038	1.002		0.995	0.987
3008	2063	15			0.96	1		0.67	1
3008	15	2063			0.971	0.973		0.734	0.98
3072	0	0			1.125	1.28		0.999	1.151
3072	16	0			1.122	0.981		1	0.986
3072	0	16			1.041	0.962		0.982	0.979
3072	16	16			1.149	1.266		1.021	1.151
3072	2048	0			1.044	0.974		0.67	0.982
3072	0	2048			1.067	0.973		0.778	0.985
3072	2064	0			1.046	0.975		0.99	1.017
3072	16	2048			1.046	0.978		0.98	0.982
3072	2048	16			0.953	0.974		0.998	0.976
3072	0	2064			1.073	0.973		0.985	0.978
3072	2064	16			0.936	0.974		0.66	0.988
3072	16	2064			1.064	0.981		0.783	0.996
3136	0	0			1.123	1.266		0.998	1.151
3136	17	0			1.076	0.972		1	0.975
3136	0	17			1.024	0.983		0.977	0.983
3136	17	17			1.123	1.265		1	1.15
3136	2048	0			1.014	1		0.68	1.001
3136	0	2048			0.855	0.973		0.882	0.975
3136	2065	0			1.037	0.977		0.986	0.992
3136	17	2048			1.007	0.997		0.966	0.975

3136	2048	17			0.951	1		0.99	0.997
3136	0	2065			1.038	1		0.989	0.993
3136	2065	17			0.961	0.999		0.688	1.022
3136	17	2065			0.862	0.993		0.808	0.996
3200	0	0			1.123	1.265		0.999	1.148
3200	18	0			1.064	0.979		1	0.981
3200	0	18			0.992	0.982		0.975	0.981
3200	18	18			1.123	1.299		0.999	1.162
3200	2048	0			1.021	0.999		0.669	0.999
3200	0	2048			0.864	0.973		0.688	0.993
3200	2066	0			1.054	0.98		1.003	0.997
3200	18	2048			1.021	1		0.98	0.975
3200	2048	18			0.924	1		0.982	0.999
3200	0	2066			1.025	1		0.962	0.993
3200	2066	18			0.948	0.999		0.682	0.992
3200	18	2066			0.863	0.991		0.772	0.99
3264	0	0			1.124	1.281		1	1.15
3264	19	0			1.068	0.995		1.002	1
3264	0	19			1.078	0.98		0.971	0.993
3264	19	19			1.125	1.282		0.999	1.092
3264	2048	0			1.031	1		0.72	0.999
3264	0	2048			0.865	0.973		0.885	0.975
3264	2067	0			0.991	0.994		0.982	0.997
3264	19	2048			1.008	1.001		0.968	0.982
3264	2048	19			0.948	1.014		0.998	1.005
3264	0	2067			1.031	1.007		0.984	0.99
3264	2067	19			0.961	1		0.78	0.996
3264	19	2067			0.859	0.995		0.888	0.978
3328	0	0			1.125	1.265		0.999	1.149
3328	20	0			1.046	0.997		0.978	0.999
3328	0	20			0.971	0.978		0.979	0.992
3328	20	20			1.123	1.297		0.999	1.15
3328	2048	0			1.026	1		0.686	0.998
3328	0	2048			0.868	0.973		0.86	0.979

3328	2068	0			1.035	0.981		0.994	0.998
3328	20	2048			1.004	1.001		0.971	0.993
3328	2048	20			0.925	1.01		0.997	1.008
3328	0	2068			1.033	1.003		0.997	1.002
3328	2068	20			0.93	0.999		0.768	1
3328	20	2068			0.859	0.999		0.645	0.984
3392	0	0			1.101	1.265		0.998	1.151
3392	21	0			1.026	0.988		0.978	0.982
3392	0	21			1.123	0.984		1.023	0.987
3392	21	21			1.126	1.299		1	1.15
3392	2048	0			1.002	1		0.681	0.998
3392	0	2048			0.867	0.973		0.878	0.979
3392	2069	0			1.059	1.001		1.013	0.997
3392	21	2048			1.007	1.004		0.959	1.012
3392	2048	21			0.978	1.003		0.988	0.995
3392	0	2069			1.031	0.995		0.981	1.004
3392	2069	21			0.962	0.999		0.696	0.972
3392	21	2069			0.874	0.996		0.774	0.993
3456	0	0			1.125	1.266		1.001	1.151
3456	22	0			1.067	0.977		0.988	0.992
3456	0	22			0.965	0.984		0.958	0.994
3456	22	22			1.124	1.266		0.999	1.15
3456	2048	0			1.02	1		0.689	0.989
3456	0	2048			0.868	0.973		0.627	0.981
3456	2070	0			1.05	0.993		0.994	0.993
3456	22	2048			1.017	1.007		0.978	0.99
3456	2048	22			0.926	1.004		0.981	0.995
3456	0	2070			1.021	0.995		0.983	1.003
3456	2070	22			0.977	0.999		0.705	0.999
3456	22	2070			0.863	0.972		0.673	0.979
3520	0	0			1.124	1.264		0.999	1.143
3520	23	0			1.04	0.969		1.01	0.989
3520	0	23			0.991	0.991		0.977	0.988
3520	23	23			1.123	1.298		1	1.15

3520	2048	0			1.03	1		0.961	0.997
3520	0	2048			0.859	0.973		0.89	0.986
3520	2071	0			1.086	0.997		1.004	0.997
3520	23	2048			1.028	0.999		0.973	0.993
3520	2048	23			0.996	1		0.985	0.994
3520	0	2071			1.038	0.982		0.981	0.977
3520	2071	23			0.972	0.999		0.72	1.002
3520	23	2071			0.859	0.993		0.849	0.979
3584	0	0			1.111	1.265		0.987	1.15
3584	24	0			1.022	0.969		1.006	0.984
3584	0	24			1.006	0.991		0.993	0.99
3584	24	24			1.123	1.265		0.999	1.151
3584	2048	0			1.036	0.999		0.937	0.997
3584	0	2048			0.865	0.973		0.885	0.976
3584	2072	0			0.996	0.971		0.979	0.982
3584	24	2048			1.002	0.998		0.99	0.996
3584	2048	24			0.969	0.999		0.996	0.984
3584	0	2072			1.015	0.978		0.999	0.983
3584	2072	24			0.969	0.999		1.031	0.998
3584	24	2072			0.862	0.988		0.89	0.981
3648	0	0			1.123	1.264		0.998	1.15
3648	25	0			1.039	0.988		0.998	0.993
3648	0	25			1.083	0.982		1.019	0.991
3648	25	25			1.1	1.298		0.978	1.163
3648	2048	0			1.044	1		0.978	0.999
3648	0	2048			0.872	0.973		0.893	0.976
3648	2073	0			1.08	0.998		0.996	0.997
3648	25	2048			1.022	0.998		0.992	1.002
3648	2048	25			0.959	1		0.979	0.99
3648	0	2073			1.037	0.997		1.01	0.999
3648	2073	25			0.989	1		0.947	1.001
3648	25	2073			0.87	0.996		0.884	0.977
3712	0	0			1.125	1.263		0.999	1.15
3712	26	0			1.029	0.989		0.995	0.989

3712	0	26			1.022	0.983		0.991	0.99
3712	26	26			1.123	1.298		0.999	1.151
3712	2048	0			1.055	1		0.963	1.001
3712	0	2048			0.872	0.973		0.88	0.973
3712	2074	0			1.04	0.987		1.017	0.995
3712	26	2048			1.011	0.996		0.983	0.99
3712	2048	26			0.94	1		0.978	0.996
3712	0	2074			1.012	0.997		0.987	0.996
3712	2074	26			0.986	0.999		0.949	1
3712	26	2074			0.87	0.994		0.882	0.996
3776	0	0			1.112	1.263		0.999	1.15
3776	27	0			1.033	0.977		0.995	0.981
3776	0	27			1.024	0.983		1.023	0.994
3776	27	27			1.1	1.298		0.978	1.174
3776	2048	0			1.039	1		0.95	0.998
3776	0	2048			0.868	0.973		0.894	0.978
3776	2075	0			1.041	0.985		0.998	0.993
3776	27	2048			1.025	0.996		0.985	0.996
3776	2048	27			0.947	0.999		0.998	0.995
3776	0	2075			1.03	0.997		1.018	0.998
3776	2075	27			0.993	0.999		0.96	0.998
3776	27	2075			0.865	0.973		0.894	0.98
3840	0	0			1.124	1.297		1	1.15
3840	28	0			1.021	1		0.997	0.998
3840	0	28			1.002	0.982		0.972	0.986
3840	28	28			1.123	1.297		1	1.179
3840	2048	0			1.032	1		0.942	0.999
3840	0	2048			0.864	0.973		0.886	0.976
3840	2076	0			1.037	0.986		0.987	0.988
3840	28	2048			1.003	1.002		0.986	0.995
3840	2048	28			0.953	0.999		1.01	0.992
3840	0	2076			0.99	0.997		0.992	1.001
3840	2076	28			0.934	0.999		0.939	0.985
3840	28	2076			0.865	0.997		0.889	0.981

3904	0	0			1.123	1.265		1	1.15
3904	29	0			1.014	0.983		0.982	0.983
3904	0	29			0.989	0.983		0.974	0.996
3904	29	29			1.123	1.299		0.999	1.181
3904	2048	0			1.047	0.999		0.952	0.996
3904	0	2048			0.87	0.973		0.897	0.979
3904	2077	0			1.033	0.989		1	0.986
3904	29	2048			1.023	1.002		1.002	0.997
3904	2048	29			0.982	1		1.001	0.992
3904	0	2077			1.004	0.997		1.005	1.002
3904	2077	29			0.969	0.996		0.933	0.995
3904	29	2077			0.875	0.998		0.876	0.979
3968	0	0			1.123	1.265		0.999	1.151
3968	30	0			1.006	0.977		0.992	0.98
3968	0	30			0.98	0.984		1.017	0.989
3968	30	30			1.099	1.298		0.999	1.15
3968	2048	0			1.035	0.999		0.946	0.996
3968	0	2048			0.868	0.973		0.89	0.988
3968	2078	0			1.057	0.989		0.994	0.991
3968	30	2048			0.984	0.996		0.988	0.989
3968	2048	30			0.908	0.999		0.997	0.995
3968	0	2078			1.002	0.998		0.999	0.997
3968	2078	30			0.964	0.983		1.176	0.992
3968	30	2078			0.868	0.999		0.889	0.979
4032	0	0			1.123	1.263		0.998	1.133
4032	31	0			1.022	0.967		0.997	0.977
4032	0	31			1.062	0.994		1.028	0.99
4032	31	31			1.099	1.299		0.977	1.151
4032	2048	0			1.02	0.958		0.969	0.959
4032	0	2048			0.878	0.973		0.899	0.978
4032	2079	0			1.056	0.929		1.001	0.933
4032	31	2048			0.996	0.995		0.991	0.985
4032	2048	31			0.998	0.943		0.999	0.951
4032	0	2079			0.998	0.982		1	0.983

4032	2079	31			0.979	0.947		0.963	0.962
4032	31	2079			0.876	0.991		0.891	0.978
4096	0	0			1.149	1.265		1.021	1.146
4096	32	32			1.124	1.265		0.999	1.15
4096	2048	0			1.043	0.935		0.938	0.961
4096	0	2048			0.875	0.989		0.888	0.985
4096	2080	0			1.029	0.939		0.96	0.924
4096	32	2048			0.879	0.973		0.683	0.975
4096	2048	32			0.93	0.957		0.943	0.96
4096	0	2080			0.876	0.973		0.89	0.977
4096	2080	32			0.87	0.947		0.958	0.97
4096	32	2080			0.878	0.973		0.88	0.972
4160	0	0			1.099	1		0.979	1.15
4160	33	0			1.003	1.007		0.998	0.986
4160	0	33			1.048	0.984		1.014	1.005
4160	33	33			1.073	0.999		0.955	1.15
4160	2048	0			0.985	1.011		0.94	0.999
4160	0	2048			0.871	1		0.884	0.997
4160	2081	0			1.047	0.996		1	0.997
4160	33	2048			1.009	1		0.998	1.005
4160	2048	33			1.013	0.755		0.999	0.991
4160	0	2081			1.004	0.999		1.004	1
4160	2081	33			0.96	0.736		1.001	0.976
4160	33	2081			0.883	1		0.893	0.995
4224	0	0			1.122	1		0.999	1.164
4224	34	0			1.026	1.008		0.988	1.004
4224	0	34			0.948	0.993		0.995	0.998
4224	34	34			1.111	0.999		1	1.15
4224	2048	0			1.003	1.011		0.912	0.996
4224	0	2048			0.881	1		0.885	1.004
4224	2082	0			1.078	1.003		0.998	0.996
4224	34	2048			1.012	0.995		0.997	0.995
4224	2048	34			0.975	0.761		1.001	0.996
4224	0	2082			0.998	1		1.003	1.004



4224	2082	34			0.896	0.733		0.91	1.003
4224	34	2082			0.882	1		0.893	0.995
4288	0	0			1.099	1.009		0.965	1.15
4288	35	0			0.983	0.992		0.981	0.974
4288	0	35			1.032	0.998		0.975	0.996
4288	35	35			1.111	1.002		0.987	1.15
4288	2048	0			0.987	1.022		0.951	0.991
4288	0	2048			0.877	1		0.903	0.994
4288	2083	0			1.072	0.988		1.003	0.978
4288	35	2048			1.02	0.996		0.995	0.993
4288	2048	35			0.997	0.769		0.998	0.993
4288	0	2083			0.999	0.998		1.008	1.001
4288	2083	35			0.824	0.738		0.929	0.996
4288	35	2083			0.88	1		0.902	0.996
4352	0	0			1.072	1		0.932	1.15
4352	36	0			1.003	1.003		0.98	0.998
4352	0	36			1.051	1		1.005	0.995
4352	36	36			1.099	0.975		0.978	1.105
4352	2048	0			0.957	1.011		0.916	0.993
4352	0	2048			0.878	1		0.903	0.995
4352	2084	0			1.067	1.002		1.002	0.995
4352	36	2048			1.02	0.992		0.998	0.991
4352	2048	36			0.97	0.764		0.995	0.995
4352	0	2084			0.998	0.998		0.995	1.002
4352	2084	36			0.899	0.747		0.889	0.996
4352	36	2084			0.888	1		0.908	0.997
4416	0	0			1.111	0.983		0.966	1.148
4416	37	0			1.004	0.998		0.987	0.981
4416	0	37			1.103	1		0.986	0.999
4416	37	37			1.097	1.039		0.975	1.15
4416	2048	0			0.99	1.011		0.959	0.999
4416	0	2048			0.892	1		0.898	0.997
4416	2085	0			1.06	1		1.016	0.992
4416	37	2048			1.015	0.998		1.001	0.998

4416	2048	37			0.973	0.766		0.992	0.998
4416	0	2085			1.004	0.998		1.011	0.997
4416	2085	37			0.9	0.748		0.963	1.002
4416	37	2085			0.905	1		0.897	1.001
4480	0	0			1.124	0.996		0.999	1.143
4480	38	0			0.982	1.001		0.957	1.002
4480	0	38			0.982	0.998		0.994	0.996
4480	38	38			1.061	1.026		0.932	1.151
4480	2048	0			1	1.011		0.957	1.006
4480	0	2048			0.88	1		0.897	1.002
4480	2086	0			1.051	1.001		1	0.998
4480	38	2048			1.018	1.005		1.007	0.997
4480	2048	38			0.954	0.77		0.991	0.993
4480	0	2086			1.001	0.998		1.008	1
4480	2086	38			0.876	0.749		0.759	0.996
4480	38	2086			0.903	1		0.898	0.998
4544	0	0			1.062	0.993		0.932	1.146
4544	39	0			1.026	0.998		1.03	0.994
4544	0	39			1.107	0.994		0.991	0.996
4544	39	39			1.126	1.047		0.999	1.151
4544	2048	0			0.991	1.016		0.938	0.996
4544	0	2048			0.89	0.999		0.899	1.021
4544	2087	0			1.078	0.996		1.026	0.986
4544	39	2048			1.013	0.998		1.006	1.085
4544	2048	39			1.005	0.774		0.994	0.997
4544	0	2087			1.006	0.974		1.006	1.002
4544	2087	39			0.914	0.749		0.909	0.981
4544	39	2087			0.902	0.996		0.899	1.021
4608	0	0			1.087	0.999		0.954	1.144
4608	40	0			0.988	1.02		0.984	0.993
4608	0	40			0.967	0.994		1.038	0.998
4608	40	40			1.073	0.999		0.955	1.15
4608	2048	0			0.981	1.013		0.938	1.003
4608	0	2048			0.89	0.996		0.899	1.018

4608	2088	0			1.049	0.997		0.982	0.998
4608	40	2048			1.017	1.002		1	1.018
4608	2048	40			0.973	0.751		0.996	0.973
4608	0	2088			1.01	0.998		1.008	1.017
4608	2088	40			0.917	0.762		0.922	0.976
4608	40	2088			0.918	0.997		0.918	1.021
4672	0	0			1.074	1		0.966	1.145
4672	41	0			1.029	1.015		1.001	0.982
4672	0	41			0.895	0.997		0.97	0.996
4672	41	41			1.1	1.036		0.978	1.164
4672	2048	0			1.016	1.016		0.948	1.009
4672	0	2048			0.905	1		0.895	1
4672	2089	0			1.077	0.993		1.02	0.993
4672	41	2048			1.017	0.999		1	0.999
4672	2048	41			1.002	0.781		1.004	1.009
4672	0	2089			1.012	0.997		1.002	1
4672	2089	41			0.969	0.765		0.967	0.978
4672	41	2089			0.918	1		0.904	1.003
4736	0	0			1.1	1		0.976	1.178
4736	42	0			1.042	1.021		1.021	0.998
4736	0	42			1.104	0.996		0.999	0.992
4736	42	42			1.074	0.999		0.954	1.144
4736	2048	0			0.993	1.01		0.937	1.004
4736	0	2048			0.928	1		0.939	0.996
4736	2090	0			1.067	0.994		0.991	0.99
4736	42	2048			1.014	1.001		0.993	0.996
4736	2048	42			0.963	0.782		1.004	1.007
4736	0	2090			1.012	0.999		1.009	0.997
4736	2090	42			0.924	0.765		0.926	0.97
4736	42	2090			0.922	1		0.9	1.003
4800	0	0			1.049	1.001		0.944	1.143
4800	43	0			1.005	1.002		1.022	0.969
4800	0	43			0.882	0.994		0.978	0.995
4800	43	43			1.122	1		0.999	1.15

4800	2048	0			1	1.02		0.954	1.002
4800	0	2048			0.926	0.991		0.909	1.011
4800	2091	0			1.03	1.009		1.01	0.996
4800	43	2048			1.012	0.99		0.998	1.014
4800	2048	43			1.023	0.714		1.033	0.999
4800	0	2091			1.011	0.99		1.015	1.016
4800	2091	43			0.955	0.693		0.954	0.978
4800	43	2091			0.925	0.994		0.903	1.008
4864	0	0			1.085	0.974		0.974	1.146
4864	44	0			1.028	0.978		1.038	0.972
4864	0	44			1.191	0.994		1.007	0.996
4864	44	44			1.073	1.001		0.955	1.144
4864	2048	0			0.983	1		0.945	0.995
4864	0	2048			0.926	0.989		0.903	1.015
4864	2092	0			1.066	0.99		1.006	0.998
4864	44	2048			1.01	0.993		0.991	1.012
4864	2048	44			0.947	0.713		0.982	0.996
4864	0	2092			1.013	0.988		1.026	1.018
4864	2092	44			0.964	0.706		0.955	0.98
4864	44	2092			0.917	0.994		0.903	1
4928	0	0			1.085	0.974		0.965	1.15
4928	45	0			1.014	0.989		0.977	0.981
4928	0	45			0.833	0.998		0.986	0.994
4928	45	45			1.125	1.046		0.999	1.149
4928	2048	0			1.016	1.005		0.933	0.99
4928	0	2048			0.922	1		0.901	0.995
4928	2093	0			1.038	0.988		1.004	0.977
4928	45	2048			1.016	1		1.003	0.995
4928	2048	45			1.015	0.715		1.001	0.998
4928	0	2093			1.023	0.998		1.024	1
4928	2093	45			0.992	0.716		0.945	0.973
4928	45	2093			0.927	1		0.898	1
4992	0	0			1.1	0.992		0.995	1.09
4992	46	0			1.044	0.979		0.99	0.98

4992	0	46			1.148	0.998		1.087	0.995
4992	46	46			1.074	0.999		0.956	1.149
4992	2048	0			1.038	0.995		0.935	0.991
4992	0	2048			0.937	1		0.903	0.996
4992	2094	0			1.162	0.99		1.051	0.989
4992	46	2048			1.018	0.998		1.008	0.992
4992	2048	46			1.006	0.733		1.006	1.008
4992	0	2094			1.014	1.001		1.014	1.001
4992	2094	46			0.951	0.715		0.943	0.973
4992	46	2094			0.936	1		0.899	0.997
5056	0	0			1.074	1		0.944	1.148
5056	47	0			0.991	0.985		0.982	0.968
5056	0	47			1.091	0.994		1.055	1.004
5056	47	47			1.099	1.001		0.978	1.149
5056	2048	0			1.008	1.015		0.943	0.999
5056	0	2048			0.926	1		0.916	0.991
5056	2095	0			1.036	0.991		1.022	0.988
5056	47	2048			1.01	1.012		1.006	0.969
5056	2048	47			1.015	0.723		1.006	0.995
5056	0	2095			1.012	1.01		1.022	0.986
5056	2095	47			0.97	0.71		0.953	0.984
5056	47	2095			0.919	0.999		0.912	0.984
5120	0	0			1.123	0.993		1	1.149
5120	48	0			1.026	1.005		1.001	0.977
5120	0	48			1.021	0.992		0.977	0.992
5120	48	48			1.086	0.974		0.976	1.142
5120	2048	0			1.042	1.004		0.929	0.99
5120	0	2048			0.927	1		0.919	0.987
5120	2096	0			1.07	0.982		1.017	0.979
5120	48	2048			1.014	1.008		1.012	0.964
5120	2048	48			0.965	0.707		0.987	0.978
5120	0	2096			1.011	1.012		1.018	0.99
5120	2096	48			1	0.701		0.957	0.986
5120	48	2096			0.939	0.98		0.925	0.988

Results For: memcpy-walk									
length	dst > src				Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
128	0				1.002	1.002		1	0.995
128	1				1.002	0.999		1.002	0.994
129	0				1.007	1.001		1.01	0.997
129	1				1.008	0.999		1.009	0.998
256	0				1	1		1	0.997
256	1				1	0.999		0.999	0.996
257	0				0.998	0.989		0.997	1.002
257	1				1	0.995		1	0.995
512	0				0.973	0.999		0.973	1.004
512	1				1	0.997		0.999	0.998
513	0				0.996	0.996		0.996	1.001
513	1				1.001	0.997		1.002	1.004
1024	0				0.984	1.006		0.967	1.007
1024	1				1.004	0.995		1.005	0.999
1025	0				1.011	0.991		1	0.998
1025	1				0.998	0.991		0.997	0.993
2048	0				0.994	1.017		0.993	1.012
2048	1				1.001	0.999		1.009	0.998
2049	0				0.994	1		1.008	0.998
2049	1				1.005	0.999		1.009	1.001
4096	0				0.937	1.004		0.973	1.001
4096	1				0.949	0.999		0.961	1.001
4097	0				1.049	1.013		1.008	1.001
4097	1				1.058	1.015		1.008	1.003
8192	0				0.996	1.012		1.007	1
8192	1				1.008	1.025		0.999	1.016
8193	0				0.992	0.961		1.023	1
8193	1				1.033	0.97		1.021	1
16384	0				0.996	1.006		1.006	0.999
16384	1				1.014	1.004		1.005	1
16385	0				0.993	0.941		1.007	1.001

16385	1				0.998	0.944		1.014	1
32768	0				1.019	1.001		1.001	0.998
32768	1				1.025	1.001		1.006	1.001
32769	0				0.987	0.929		1.014	1.001
32769	1				1.012	0.921		1.007	0.999
65536	0				1.032	1.002		1.002	0.999
65536	1				0.999	1		1	1
65537	0				1.018	0.922		1.013	0.999
65537	1				1.003	0.925		1.014	1
131072	0				0.989	1.005		1.004	0.999
131072	1				1.014	1.003		1.006	1.002
131073	0				0.998	0.913		1.006	0.999
131073	1				0.998	0.912		1.002	1
262144	0				1.02	1.008		0.998	0.997
262144	1				1.023	1.002		1.011	0.997
262145	0				1.025	0.91		1.005	0.997
262145	1				1.031	0.914		1.019	0.999
524288	0				1.004	1.004		1.019	0.996
524288	1				0.998	1.001		1.005	1.001
524289	0				0.995	0.912		1.014	1.001
524289	1				1.013	0.914		1.009	0.999
1048576	0				1.006	0.998		0.995	1.004
1048576	1				0.995	1.003		1.015	1.001
1048577	0				1.01	0.996		1.007	0.997
1048577	1				1.023	1.002		1.017	1
2097152	0				1.001	0.999		1.001	0.997
2097152	1				1.002	0.996		0.999	0.999
2097153	0				1.002	0.998		1	0.997
2097153	1				1.001	0.999		1.001	0.999
4194304	0				0.999	0.999		1.001	0.997
4194304	1				1.002	1.003		0.999	1.002
4194305	0				1.002	0.998		1.004	1
4194305	1				1	1		1.001	0.995
8388608	0				1.004	0.998		1.004	0.998

8388608	1				1.002	1.001		1.001	0.998
8388609	0				0.999	1		1.001	0.998
8388609	1				1.001	1		0.998	0.999
16777216	0				1	0.998		1.002	0.997
16777216	1				1.001	0.998		0.999	1.001
16777217	0				0.997	0.998		0.999	0.997
16777217	1				1.001	0.997		1	0.999
33554432	0				1.001	0.996		1.005	1
33554432	1				1.002	0.996		1.003	0.994
33554433	0				1.002	0.994		1.001	0.996
33554433	1				1.001	0.997		1.002	0.991
Results For: memmove-walk									
length	dst > src	overlap			Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
128	0	none			1.004	1.001		0.994	0.993
128	1	none			0.996	1.002		1	1
129	0	none			0.998	0.989		0.998	0.996
129	1	none			1.049	1.001		1.052	1
256	0	none			0.987	0.998		0.982	0.998
256	1	none			0.988	1		0.963	0.999
257	0	none			0.991	0.984		0.989	0.994
257	1	none			0.997	0.997		0.996	1.016
512	0	none			1.002	1.017		1.002	0.998
512	1	none			1.006	0.998		1.006	0.985
513	0	none			0.974	0.996		0.971	1.003
513	1	none			0.982	1.004		0.978	0.999
1024	0	none			1.013	1		1.034	0.995
1024	1	none			1.048	0.992		1.045	1.011
1025	0	none			1.08	0.997		1.083	1.01
1025	1	none			1.077	1.003		1.076	1.013
2048	0	none			1.055	0.996		1.054	1.001
2048	1	none			1.008	1.003		1.008	0.997
2049	0	none			1.009	0.985		1.011	0.991
2049	1	none			1.007	0.998		1.009	1.011



4096	0	none			1.009	0.991		1.045	1.012
4096	1	none			1.01	0.993		1.007	0.997
4097	0	none			0.963	0.879		1.008	0.994
4097	1	none			0.964	0.902		1.005	1
8192	0	none			1.003	1.017		1.008	1.007
8192	1	none			1.003	1.011		1.006	1.007
8193	0	none			0.961	0.893		1.007	0.988
8193	1	none			0.968	0.915		1.006	0.988
16384	0	none			1.001	1.01		1.004	1.001
16384	1	none			1	1		1.003	0.997
16385	0	none			0.98	0.943		1.002	0.998
16385	1	none			0.976	0.922		1.002	0.997
32768	0	none			0.998	1.001		1.003	1.001
32768	1	none			0.999	0.999		0.999	0.993
32769	0	none			0.986	0.953		0.998	0.989
32769	1	none			0.987	0.939		1.001	1.004
65536	0	none			0.999	0.98		0.995	1.003
65536	1	none			1.001	0.982		1.004	1.008
65537	0	none			0.994	0.97		0.999	0.998
65537	1	none			0.997	0.97		0.996	1.003
131072	0	none			1	1.035		1	0.996
131072	1	none			1.001	1		0.999	1
131073	0	none			0.996	1.002		0.997	0.984
131073	1	none			0.997	0.992		1.002	1.002
262144	0	none			1.001	0.992		1.002	1.005
262144	1	none			1	0.993		1	0.999
262145	0	none			0.997	0.993		0.997	0.981
262145	1	none			1	0.985		0.999	1.005
524288	0	none			0.999	0.983		0.998	1.004
524288	1	none			1	0.996		1	0.999
524289	0	none			0.999	0.984		0.998	0.995
524289	1	none			1	0.984		0.999	1.003
1048576	0	none			1	0.997		0.999	1
1048576	1	none			1	0.996		0.999	0.997

1048577	0	none			1.001	0.993		1.001	0.999
1048577	1	none			1.001	0.991		1	0.997
2097152	0	none			1	1.002		1	0.999
2097152	1	none			1	1		1	0.996
2097153	0	none			1.001	0.999		1	0.998
2097153	1	none			1	0.994		0.998	0.994
4194304	0	none			1	0.995		1	0.996
4194304	1	none			1	0.998		1	0.999
4194305	0	none			0.997	0.997		0.999	0.999
4194305	1	none			1	0.996		1	0.995
8388608	0	none			1	0.997		1	0.994
8388608	1	none			1	0.997		1	0.998
8388609	0	none			1	0.998		0.998	0.996
8388609	1	none			1	0.996		1	0.996
16777216	0	none			1	0.997		1	0.993
16777216	1	none			1	0.997		1	0.996
16777217	0	none			1	0.995		0.999	0.996
16777217	1	none			1	0.995		0.999	0.999
33554432	0	none			1	0.998		1	1
33554432	1	none			1	0.992		1	0.995
33554433	0	none			0.999	0.998		0.998	0.992
33554433	1	none			1	0.997		1.001	0.999
128	1	partial			1	0.997		1.002	0.998
128	0	partial			1.004	1.01		1.003	1
129	1	partial			0.996	0.999		1	0.998
129	0	partial			0.996	1.001		0.989	0.999
256	1	partial			1.002	1		1.015	1
256	0	partial			1.012	1		1.018	1
257	1	partial			1.001	0.992		1.001	1.01
257	0	partial			1.014	1		1.007	1.006
512	1	partial			1.04	1.003		1.038	1.007
512	0	partial			0.988	1.002		0.985	0.987
513	1	partial			0.972	0.995		0.962	1.001
513	0	partial			0.994	1.005		0.995	1.001

1024	1	partial			0.997	0.995		1.002	1.013
1024	0	partial			1.005	0.999		1.009	0.998
1025	1	partial			1.015	0.997		1.032	1.005
1025	0	partial			1.004	0.999		1.008	1.002
2048	1	partial			1.005	0.992		1.005	1
2048	0	partial			1.005	0.995		1.003	1.008
2049	1	partial			1.002	0.995		1.003	1.006
2049	0	partial			1.003	0.998		1.002	0.997
4096	1	partial			0.98	0.999		1.083	1.001
4096	0	partial			0.991	0.991		1	1.015
4097	1	partial			0.962	0.888		1.003	0.999
4097	0	partial			0.965	0.898		1.002	0.997
8192	1	partial			0.995	1		1.002	0.996
8192	0	partial			0.994	0.998		1.001	1
8193	1	partial			0.962	0.892		1.001	0.996
8193	0	partial			0.959	0.906		1.003	1.007
16384	1	partial			0.998	1.009		1.002	1.002
16384	0	partial			0.996	1.011		1.002	0.991
16385	1	partial			0.977	0.934		1.002	1.005
16385	0	partial			0.976	0.945		0.998	0.999
32768	1	partial			0.997	1.02		1.004	0.994
32768	0	partial			0.997	1.008		0.998	0.988
32769	1	partial			0.987	0.948		1	0.995
32769	0	partial			0.987	0.965		1.003	1.013
65536	1	partial			1	1.019		1	1.011
65536	0	partial			1	0.999		1.001	0.976
65537	1	partial			0.993	0.981		1	0.997
65537	0	partial			0.995	0.974		1.001	1.012
131072	1	partial			1	1.024		1	1.001
131072	0	partial			0.999	0.984		0.998	1.006
131073	1	partial			0.995	0.999		0.997	0.994
131073	0	partial			0.997	1.014		0.999	0.996
262144	1	partial			1	1.003		1.005	1
262144	0	partial			1	1.002		0.995	0.993

262145	1	partial			0.997	0.996		1.001	0.995
262145	0	partial			0.999	1.002		1.001	1.004
524288	1	partial			1	0.975		0.998	1
524288	0	partial			0.999	0.979		0.997	0.986
524289	1	partial			0.997	0.952		0.993	0.984
524289	0	partial			1	1.01		0.999	1.005
1048576	1	partial			0.999	0.996		0.997	0.998
1048576	0	partial			0.999	0.998		0.997	0.997
1048577	1	partial			1	0.995		0.999	0.999
1048577	0	partial			1.001	0.996		1	0.994
2097152	1	partial			1	1		1.001	0.997
2097152	0	partial			0.999	0.998		1	1.002
2097153	1	partial			0.999	0.999		1	0.997
2097153	0	partial			0.998	0.997		0.999	0.995
4194304	1	partial			1	0.993		1	0.998
4194304	0	partial			1	0.995		1	0.996
4194305	1	partial			0.999	0.995		0.999	0.993
4194305	0	partial			1	0.994		0.999	0.995
8388608	1	partial			1	0.999		1	0.997
8388608	0	partial			1	0.999		1	0.999
8388609	1	partial			0.999	0.995		0.998	0.998
8388609	0	partial			0.998	0.993		0.998	0.995
16777216	1	partial			1	0.995		1	0.996
16777216	0	partial			1	0.995		1	0.996
16777217	1	partial			0.999	0.993		0.999	0.996
16777217	0	partial			1	0.996		0.998	0.995
128	0	complete			1.004	0.995		1.003	0.997
129	0	complete			1	1		1.001	1
256	0	complete			0.999	0.998		1	0.997
257	0	complete			1.001	0.998		1.002	0.997
512	0	complete			1	0.998		0.999	0.999
513	0	complete			0.999	0.998		0.999	1.003
1024	0	complete			1	0.996		1	1.001
1025	0	complete			0.998	1.001		0.999	0.995

2048	0	complete			1	0.985		1.001	1.004
2049	0	complete			0.997	0.999		0.999	1.008
4096	0	complete			1.03	0.999		0.999	1.004
4097	0	complete			0.956	0.904		0.999	1.013
8192	0	complete			0.994	0.997		0.998	0.999
8193	0	complete			0.963	0.907		0.997	0.999
16384	0	complete			0.996	1.006		1	1.001
16385	0	complete			0.978	0.942		0.998	1.01
32768	0	complete			0.996	1.006		0.998	1.001
32769	0	complete			0.987	0.953		1	0.995
65536	0	complete			0.999	0.99		0.998	1.001
65537	0	complete			0.993	0.986		1.002	0.995
131072	0	complete			1	1.032		0.998	1.002
131073	0	complete			0.995	1.004		0.999	0.996
262144	0	complete			1	1.018		0.998	1.008
262145	0	complete			0.997	1.031		0.998	0.992
524288	0	complete			1	1		1.004	1.004
524289	0	complete			0.998	0.99		1.001	0.997
1048576	0	complete			0.999	0.995		0.997	1.003
1048577	0	complete			1	0.994		1.001	0.995
2097152	0	complete			1	0.999		1	1
2097153	0	complete			1	0.997		1	0.995
4194304	0	complete			1	1		1.001	0.999
4194305	0	complete			1	0.995		1	0.997
8388608	0	complete			1	0.997		1	0.998
8388609	0	complete			0.999	0.994		0.999	1.001
16777216	0	complete			1	0.997		1	0.998
16777217	0	complete			0.998	0.995		0.998	0.997
33554432	0	complete			1	0.996		1	0.994
33554433	0	complete			0.999	0.994		1	0.996
Results For: memcpy-large									
length	align1	align2	dst > src		Score-evex-erms	Score-avx-erms		Score-evex	Score-avx
65543	0	0	0		1.027	1		1	1.007

65543	0	0	1		1.021	0.998		1.022	1.001
65551	0	3	0		1.023	0.999		1.011	1.005
65551	0	3	1		0.997	0.998		0.988	0.984
65567	3	0	0		0.999	0.995		1.001	0.999
65567	3	0	1		0.999	0.998		0.999	0.985
65599	3	5	0		1.001	0.953		1	0.995
65599	3	5	1		1.001	0.955		1.002	0.987
65536	0	127	0		1	0.996		0.998	0.997
65536	0	127	1		1.003	1.001		1	0.967
65536	0	255	0		0.998	0.991		0.995	1
65536	0	255	1		1	0.995		0.999	0.978
65536	0	256	0		1.004	0.975		1.002	0.99
65536	0	256	1		0.996	0.985		1.004	0.977
65536	0	4064	0		1.012	0.995		1.07	0.979
65536	0	4064	1		0.992	1.003		1.003	0.992
131079	0	0	0		0.998	0.991		1.001	1.048
131079	0	0	1		0.953	0.987		0.999	1.032
131087	0	3	0		1.028	0.983		1.001	1.01
131087	0	3	1		0.999	0.971		1	1.024
131103	3	0	0		1	1.037		1.001	0.985
131103	3	0	1		1	0.979		1.001	1.026
131135	3	5	0		1	0.952		1.001	1.02
131135	3	5	1		1.001	0.944		1.001	1.032
131072	0	127	0		1.011	1		1.009	1.017
131072	0	127	1		1.021	0.996		1.02	1.051
131072	0	255	0		1.017	1.018		1.009	1.022
131072	0	255	1		1.001	1.012		1.02	1.025
131072	0	256	0		1.002	1.007		1	1.017
131072	0	256	1		0.996	1.006		0.993	1.019
131072	0	4064	0		1.008	0.992		1.011	0.997
131072	0	4064	1		0.999	1.006		0.999	1.044
262151	0	0	0		1	1.01		1.001	1.001
262151	0	0	1		0.999	1.002		1	1.004
262159	0	3	0		0.999	0.996		1	0.987

262159	0	3	1		1	0.993		1	1.008
262175	3	0	0		1	1.017		1	1.009
262175	3	0	1		1	1.009		1	1.011
262207	3	5	0		0.99	0.956		0.999	0.99
262207	3	5	1		1	0.962		1	1.01
262144	0	127	0		0.99	0.998		0.992	0.99
262144	0	127	1		0.989	0.999		1.001	1.014
262144	0	255	0		0.996	1.002		0.992	0.999
262144	0	255	1		0.998	1.001		1	1.006
262144	0	256	0		1	1.006		0.999	0.992
262144	0	256	1		1	1.002		1.001	1.001
262144	0	4064	0		0.999	1.006		1	0.992
262144	0	4064	1		0.999	1.006		0.999	1.004
524295	0	0	0		0.993	1.002		0.995	1.001
524295	0	0	1		1	1.003		0.987	0.999
524303	0	3	0		1.01	1		0.99	1.001
524303	0	3	1		0.993	0.997		0.982	0.998
524319	3	0	0		1	1.003		0.985	0.999
524319	3	0	1		0.994	0.999		0.98	0.999
524351	3	5	0		1.002	0.977		1.012	0.999
524351	3	5	1		0.999	0.968		0.999	1
524288	0	127	0		1.015	0.998		0.999	0.997
524288	0	127	1		0.995	1.001		0.974	0.997
524288	0	255	0		1	0.979		0.992	0.993
524288	0	255	1		0.996	0.994		0.984	0.998
524288	0	256	0		1.008	0.996		0.995	0.995
524288	0	256	1		1.001	0.983		0.988	0.999
524288	0	4064	0		1.013	0.997		1.031	1
524288	0	4064	1		1.013	0.986		0.996	0.998
1048583	0	0	0		0.997	0.998		0.997	0.998
1048583	0	0	1		0.999	0.996		0.998	0.992
1048591	0	3	0		1.001	0.999		0.999	0.997
1048591	0	3	1		1.001	1		1.002	0.999
1048607	3	0	0		0.996	0.996		0.996	1.001

1048607	3	0	1		1.001	0.982		1.002	0.981
1048639	3	5	0		1.002	0.992		0.996	0.99
1048639	3	5	1		1.002	0.986		0.998	0.985
1048576	0	127	0		0.999	1.002		0.994	0.994
1048576	0	127	1		1.005	0.999		1.002	0.996
1048576	0	255	0		1	0.999		1.002	0.999
1048576	0	255	1		0.995	0.998		0.998	0.999
1048576	0	256	0		1.003	0.998		1.002	0.999
1048576	0	256	1		1.004	0.999		1.003	0.998
1048576	0	4064	0		0.999	1		0.997	1
1048576	0	4064	1		1.001	1		0.994	0.999
2097159	0	0	0		0.997	0.984		1.001	0.998
2097159	0	0	1		1	0.996		0.999	0.994
2097167	0	3	0		0.996	0.994		1	0.991
2097167	0	3	1		1.002	1.002		1.001	0.999
2097183	3	0	0		0.999	1.004		1	1.002
2097183	3	0	1		0.997	0.997		1.001	0.989
2097215	3	5	0		0.997	0.991		0.998	0.994
2097215	3	5	1		1.001	0.997		0.999	0.999
2097152	0	127	0		0.999	1.003		1	0.999
2097152	0	127	1		1.001	0.999		1.001	0.999
2097152	0	255	0		0.999	1.004		0.999	0.995
2097152	0	255	1		1.001	0.998		1.002	0.997
2097152	0	256	0		0.999	0.994		0.998	0.999
2097152	0	256	1		1.001	1.005		0.998	0.996
2097152	0	4064	0		0.997	1		0.996	1
2097152	0	4064	1		0.997	0.995		0.999	0.996
4194311	0	0	0		1	1.002		0.999	0.998
4194311	0	0	1		1	1.004		1	1
4194319	0	3	0		1	1		0.996	0.99
4194319	0	3	1		1	1.001		1	1.002
4194335	3	0	0		1	1.001		1	1.007
4194335	3	0	1		0.999	1.016		1	0.996
4194367	3	5	0		1	1.001		0.998	1.002



4194367	3	5	1		1	1.002		1	1.012
4194304	0	127	0		1	1		1	0.999
4194304	0	127	1		1	1.01		1	0.994
4194304	0	255	0		1	1.016		1.001	1.001
4194304	0	255	1		1	1.001		1	0.992
4194304	0	256	0		1	1.011		1	1.004
4194304	0	256	1		1	1.013		1	0.997
4194304	0	4064	0		0.999	1.011		1.001	0.991
4194304	0	4064	1		0.999	1.011		0.999	1.006
8388615	0	0	0		0.999	1.006		1.001	0.998
8388615	0	0	1		1.006	0.985		1.001	1.004
8388623	0	3	0		1	1.005		1	1.003
8388623	0	3	1		1.004	1.003		1.001	1.002
8388639	3	0	0		1.001	1.004		1	1
8388639	3	0	1		1.006	0.987		1.004	1.009
8388671	3	5	0		1.002	1.004		1.001	1.002
8388671	3	5	1		1.003	0.999		1.003	1.002
8388608	0	127	0		0.999	1.003		1	1.005
8388608	0	127	1		1.004	0.999		1.002	1.006
8388608	0	255	0		0.999	1.001		1.001	0.997
8388608	0	255	1		1.002	1.01		1.004	1.001
8388608	0	256	0		0.999	0.997		1	1.003
8388608	0	256	1		1.003	0.995		1.002	0.998
8388608	0	4064	0		1.001	1.004		0.999	1.005
8388608	0	4064	1		1.003	1.003		1.003	0.999
16777223	0	0	0		1	0.998		1	0.997
16777223	0	0	1		1.002	0.997		1.001	0.998
16777231	0	3	0		1	0.998		1	0.999
16777231	0	3	1		1.002	0.996		1.003	0.997
16777247	3	0	0		1.001	0.996		0.998	0.999
16777247	3	0	1		0.999	0.998		0.998	0.995
16777279	3	5	0		1	0.997		0.997	0.998
16777279	3	5	1		1.005	0.998		1.003	0.997
16777216	0	127	0		0.999	0.998		1	0.996

16777216	0	127	1		1.001	0.997		1.002	0.997
16777216	0	255	0		0.999	0.998		1	0.997
16777216	0	255	1		1.002	0.998		1.003	0.997
16777216	0	256	0		1.001	0.999		1.001	0.998
16777216	0	256	1		1	1		1.002	0.999
16777216	0	4064	0		1.001	0.998		1.001	0.998
16777216	0	4064	1		1	0.997		1.001	0.996
33554439	0	0	0		1.006	0.998		1.004	0.998
33554439	0	0	1		1.003	0.998		1.003	0.997
33554447	0	3	0		1.001	0.998		1.002	0.998
33554447	0	3	1		1.002	0.999		1.002	1
33554463	3	0	0		1.004	0.997		1.004	0.997
33554463	3	0	1		1.001	0.998		1.002	0.996
33554495	3	5	0		1.001	0.998		0.999	1
33554495	3	5	1		1.002	0.998		1.002	0.997
33554432	0	127	0		1.002	0.999		1.003	1
33554432	0	127	1		1	0.998		0.999	0.998
33554432	0	255	0		1.004	0.998		1.002	0.997
33554432	0	255	1		1.002	0.999		1.001	0.998
33554432	0	256	0		1.001	0.999		1.003	0.997
33554432	0	256	1		1.001	0.998		1.001	0.997
33554432	0	4064	0		1.001	0.998		1.001	0.998
33554432	0	4064	1		1.001	0.997		1	0.998