CPU: https://ark.intel.com/content/www/us/en/ark/products/208921/intel-core-i7-1165g7-processor-12m-cache-up-to-4-70-ghz-with-ipu.html

Geonmean N = 20

Score(N) = (New_Time) / (Old_Time Entry_Align % 64 == N)

memset-avx2

Length	Align	C	New Time	Score(0)	Score(16)	Score(32)	Score(48)
1	0	-65	4.332	0.971	0.972	0.962	0.845
2	0	-65	4.643	0.961	0.92	0.95	0.797
4	0	-65	4.404	0.884	0.987	0.922	0.879
8	0	-65	4.257	0.956	0.85	0.956	0.956
16	0	-65	3.819	0.858	0.858	0.858	0.858
32	0	-65	2.789	1	0.834	0.715	0.834
64	0	-65	2.828	1.014	0.869	0.744	0.87
128	0	-65	4.412	1.132	1.132	1.132	0.991
256	0	-65	5.006	0.819	0.841	0.819	0.871
512	0	-65	8.947	0.974	1	1	1
1024	0	-65	17.352	0.978	0.976	0.981	1
2048	0	-65	33.242	0.998	0.998	1.001	0.995
4096	0	-65	76.589	0.976	0.989	0.989	0.974
8192	0	-65	142.409	0.977	0.982	0.984	0.973
16384	0	-65	274.464	0.985	0.987	0.987	0.984
32768	0	-65	537.505	0.989	0.988	0.988	0.985
65536	0	-65	1712.815	0.987	0.981	0.989	0.977
131072	0	-65	3659.61	0.965	0.97	0.979	0.968
1	1	-65	4.036	0.976	0.982	0.982	0.873
1	4095	-65	3.727	0.977	0.977	0.977	0.868
2	2	-65	4.174	0.975	1.016	1.016	0.813
2	4094	-65	3.849	0.991	1.033	1.033	0.827
2	4095	-65	12.396	0.517	0.503	0.514	0.494
3	3	-65	4.129	1.009	1.053	1.056	0.836
3	4093	-65	3.794	0.969	1.018	1.018	0.815
3	4095	-65	12.398	0.875	0.871	0.871	0.875
3	0	-65	4.173	0.995	1.041	1.041	0.834
4	4	-65	4.152	0.958	0.958	0.958	0.852
4	4092	-65	3.608	0.934	0.945	0.945	0.841

4	4095	-65			22.826	0.925	0.946	0.949	0.963
5	5	-65			3.727	0.876	0.929	0.946	0.826
5	4091	-65			3.608	0.904	0.968	0.968	0.861
5	4095	-65			12.384	0.907	0.907	0.908	0.875
5	0	-65			3.909	0.916	0.976	0.975	0.861
6	6	-65			4.165	0.888	0.961	0.961	0.855
6	4090	-65			3.642	0.954	0.977	0.977	0.869
6	4095	-65			12.384	0.928	0.908	0.917	0.897
6	0	-65			3.91	0.901	0.954	0.951	0.846
7	7	-65			4.213	0.898	0.973	0.972	0.865
7	4089	-65			3.658	0.9	0.958	0.959	0.852
7	4095	-65			12.251	0.917	0.912	0.917	0.866
7	0	-65			3.91	0.934	0.948	0.952	0.846
8	8	-65			4.042	0.933	0.83	0.933	0.933
8	4088	-65			3.572	0.967	0.852	0.958	0.958
8	4095	-65			22.735	0.961	0.943	0.943	0.955
9	9	-65			3.728	0.954	0.848	0.953	0.953
9	4087	-65			3.491	0.956	0.833	0.937	0.937
9	4095	-65			12.383	0.875	0.875	0.906	0.906
9	0	-65			3.794	0.931	0.821	0.935	0.947
10	10	-65			4.131	0.979	0.848	0.979	0.979
10	4086	-65			3.573	0.967	0.852	0.958	0.958
10	4095	-65			12.107	0.877	0.877	0.886	0.907
10	0	-65			3.84	0.971	0.852	0.959	0.97
11	11	-65			4.043	0.959	0.852	0.958	0.959
11	4085	-65			3.532	0.963	0.843	0.934	0.948
11	4095	-65			12.25	0.887	0.886	0.917	0.917
11	0	-65			3.84	0.975	0.833	0.935	0.958
12	12	-65			4.097	0.971	0.864	0.971	0.971
12	4084	-65			3.572	0.936	0.852	0.958	0.958
12	4095	-65			12.383	0.897	0.897	0.907	0.917
12	0	-65			3.747	0.951	0.811	0.912	0.935
13	13	-65			4.098	0.953	0.841	0.946	0.946
13	4083	-65			3.497	0.917	0.834	0.938	0.938

13	4095	-65			12.384	0.897	0.897	0.907	0.907
13	0	-65			3.89	0.971	0.863	0.983	0.971
14	14	-65			4.152	0.959	0.875	0.984	0.984
14	4082	-65			3.573	0.938	0.852	0.958	0.958
14	4095	-65			12.384	0.897	0.895	0.918	0.907
14	0	-65			3.84	0.975	0.831	0.935	0.947
15	15	-65			4.097	0.971	0.864	0.971	0.971
15	4081	-65			3.532	0.937	0.823	0.945	0.947
15	4095	-65			12.383	0.897	0.897	0.907	0.907
15	0	-65			3.84	0.961	0.852	0.933	0.958
16	16	-65			3.792	0.876	0.876	0.855	0.875
16	4080	-65			3.118	0.875	0.875	0.875	0.875
16	4095	-65			22.787	0.96	0.96	0.962	0.98
17	17	-65			3.341	0.865	0.875	0.875	0.855
17	4079	-65			3.189	0.875	0.875	0.875	0.875
17	4095	-65			12.384	0.907	0.928	0.929	0.927
17	0	-65			3.507	0.868	0.875	0.875	0.875
18	18	-65			3.692	0.852	0.852	0.852	0.852
18	4078	-65			3.263	0.875	0.875	0.875	0.875
18	4095	-65			12.11	0.896	0.908	0.907	0.908
18	0	-65			3.599	0.898	0.898	0.898	0.876
19	19	-65			3.792	0.892	0.875	0.875	0.876
19	4077	-65			3.189	0.846	0.856	0.856	0.856
19	4095	-65			12.108	0.908	0.908	0.908	0.908
19	0	-65			3.508	0.875	0.864	0.867	0.875
20	20	-65			3.792	0.875	0.875	0.875	0.875
20	4076	-65			3.263	0.875	0.875	0.875	0.875
20	4095	-65			12.107	0.906	0.908	0.908	0.906
20	0	-65			3.508	0.867	0.854	0.854	0.864
21	21	-65			3.792	0.882	0.875	0.852	0.875
21	4075	-65			3.227	0.846	0.866	0.866	0.866
21	4095	-65			12.097	0.886	0.907	0.907	0.907
21	0	-65			3.508	0.873	0.845	0.854	0.864
22	22	-65			3.792	0.881	0.875	0.861	0.875

22	4074	-65			3.263	0.875	0.875	0.875	0.875
22	4095	-65			12.118	0.909	0.909	0.898	0.909
22	0	-65			3.509	0.876	0.876	0.876	0.876
23	23	-65			3.805	0.885	0.878	0.855	0.878
23	4073	-65			3.226	0.865	0.865	0.865	0.865
23	4095	-65			12.108	0.889	0.908	0.908	0.908
23	0	-65			3.508	0.855	0.854	0.854	0.873
24	24	-65			3.792	0.882	0.875	0.863	0.875
24	4072	-65			3.263	0.875	0.875	0.875	0.875
24	4095	-65			12.251	0.9	0.918	0.901	0.917
24	0	-65			3.508	0.883	0.876	0.854	0.876
25	25	-65			3.792	0.899	0.876	0.876	0.876
25	4071	-65			3.263	0.892	0.875	0.875	0.875
25	4095	-65			12.119	0.887	0.909	0.909	0.909
25	0	-65			3.566	0.89	0.887	0.868	0.89
26	26	-65			3.792	0.889	0.875	0.861	0.876
26	4070	-65			3.263	0.865	0.876	0.875	0.876
26	4095	-65			12.096	0.907	0.907	0.907	0.907
26	0	-65			3.508	0.875	0.873	0.854	0.876
27	27	-65			3.792	0.876	0.876	0.875	0.885
27	4069	-65			3.189	0.856	0.856	0.856	0.856
27	4095	-65			12.096	0.907	0.907	0.907	0.907
27	0	-65			3.597	0.913	0.876	0.875	0.898
28	28	-65			3.792	0.894	0.875	0.865	0.875
28	4068	-65			3.263	0.875	0.875	0.875	0.875
28	4095	-65			12.107	0.908	0.908	0.908	0.908
28	0	-65			3.509	0.876	0.854	0.854	0.854
29	29	-65			3.792	0.875	0.875	0.873	0.875
29	4067	-65			3.263	0.884	0.876	0.855	0.855
29	4095	-65			12.097	0.907	0.907	0.907	0.907
29	0	-65			3.553	0.887	0.865	0.865	0.865
30	30	-65			3.793	0.882	0.876	0.873	0.876
30	4066	-65			3.263	0.875	0.873	0.855	0.875
30	4095	-65			12.119	0.909	0.909	0.907	0.909

30	0	-65			3.507	0.861	0.875	0.875	0.875
31	31	-65			3.792	0.875	0.875	0.875	0.875
31	4065	-65			3.263	0.873	0.875	0.875	0.875
31	4095	-65			12.117	0.909	0.909	0.909	0.909
31	0	-65			3.508	0.858	0.854	0.854	0.875
32	32	-65			2.788	1	0.857	0.735	0.88
32	4064	-65			2.231	0.873	0.834	0.715	0.834
32	4095	-65			23.468	0.936	0.96	0.95	0.943
33	33	-65			2.669	1.07	0.909	0.769	0.908
33	4063	-65			2.284	0.944	0.816	0.7	0.814
33	4095	-65			12.384	0.905	0.907	0.9	0.907
33	0	-65			2.718	1.068	0.903	0.756	0.903
34	34	-65			2.753	0.981	0.846	0.726	0.846
34	4062	-65			2.335	0.934	0.821	0.699	0.825
34	4095	-65			12.383	0.905	0.929	0.898	0.929
34	0	-65			2.716	0.984	0.903	0.774	0.903
35	35	-65			2.788	0.984	0.857	0.723	0.857
35	4061	-65			2.355	0.985	0.841	0.722	0.841
35	4095	-65			12.119	0.897	0.907	0.887	0.887
35	0	-65			2.68	1.015	0.891	0.745	0.891
36	36	-65			2.793	0.955	0.835	0.717	0.859
36	4060	-65			2.335	0.977	0.815	0.706	0.834
36	4095	-65			12.384	0.905	0.928	0.907	0.917
36	0	-65			2.642	0.956	0.856	0.734	0.856
37	37	-65			2.948	1.045	0.906	0.777	0.931
37	4059	-65			2.335	0.972	0.815	0.699	0.815
37	4095	-65			12.384	0.907	0.907	0.907	0.916
37	0	-65			2.62	0.971	0.849	0.736	0.849
38	38	-65			2.794	0.958	0.882	0.737	0.859
38	4058	-65			2.39	0.991	0.834	0.715	0.853
38	4095	-65			12.384	0.907	0.927	0.907	0.927
38	0	-65			2.74	1.032	0.872	0.762	0.911
39	39	-65			2.895	1.038	0.866	0.743	0.877
39	4057	-65			2.342	0.906	0.817	0.701	0.837

39	4095	-65			12.384	0.907	0.917	0.907	0.917
39	0	-65			2.757	0.995	0.893	0.766	0.889
40	40	-65			2.905	0.973	0.893	0.745	0.893
40	4056	-65			2.356	0.985	0.827	0.705	0.822
40	4095	-65			12.384	0.907	0.907	0.905	0.91
40	0	-65			2.74	0.992	0.91	0.762	0.888
41	41	-65			2.833	0.979	0.871	0.747	0.871
41	4055	-65			2.362	0.933	0.825	0.707	0.844
41	4095	-65			12.249	0.918	0.918	0.897	0.918
41	0	-65			2.716	0.954	0.88	0.755	0.88
42	42	-65			2.935	1.033	0.902	0.761	0.902
42	4054	-65			2.335	0.893	0.834	0.699	0.834
42	4095	-65			12.383	0.907	0.922	0.907	0.916
42	0	-65			2.739	0.976	0.91	0.78	0.933
43	43	-65			2.865	1.023	0.88	0.754	0.88
43	4053	-65			2.335	0.896	0.824	0.706	0.824
43	4095	-65			12.384	0.907	0.927	0.907	0.917
43	0	-65			2.773	0.982	0.906	0.771	0.91
44	44	-65			2.939	1	0.903	0.774	0.903
44	4052	-65			2.365	0.895	0.826	0.708	0.845
44	4095	-65			12.384	0.927	0.927	0.907	0.918
44	0	-65			2.711	1.039	0.901	0.752	0.901
45	45	-65			2.967	1.032	0.912	0.782	0.912
45	4051	-65			2.39	0.978	0.854	0.715	0.854
45	4095	-65			12.383	0.907	0.917	0.906	0.907
45	0	-65			2.742	1.019	0.889	0.762	0.889
46	46	-65			2.956	1.021	0.905	0.758	0.909
46	4050	-65			2.39	0.981	0.854	0.732	0.854
46	4095	-65			12.384	0.927	0.907	0.906	0.927
46	0	-65			2.674	0.974	0.866	0.743	0.867
47	47	-65			2.865	1.028	0.905	0.766	0.881
47	4049	-65			2.39	0.949	0.854	0.715	0.853
47	4095	-65			12.384	0.907	0.907	0.907	0.927
47	0	-65			2.773	1.02	0.898	0.771	0.898

48	48	-65			2.902	1.034	0.892	0.744	0.892
48	4048	-65			2.282	0.968	0.834	0.716	0.834
48	4095	-65			12.251	0.897	0.918	0.896	0.917
48	0	-65			2.67	0.95	0.865	0.742	0.887
49	49	-65			2.839	1.018	0.873	0.749	0.873
49	4047	-65			2.39	0.998	0.841	0.715	0.834
49	4095	-65			12.383	0.907	0.929	0.917	0.929
49	0	-65			2.773	0.99	0.899	0.771	0.922
50	50	-65			2.854	1.024	0.878	0.749	0.878
50	4046	-65			2.39	0.997	0.834	0.716	0.854
50	4095	-65			12.118	0.887	0.907	0.887	0.887
50	0	-65			2.685	0.956	0.892	0.746	0.892
51	51	-65			2.884	1.019	0.887	0.747	0.91
51	4045	-65			2.334	0.971	0.815	0.699	0.834
51	4095	-65			12.384	0.907	0.929	0.902	0.929
51	0	-65			2.736	0.963	0.887	0.761	0.898
52	52	-65			2.818	0.968	0.866	0.762	0.866
52	4044	-65			2.39	0.925	0.834	0.715	0.834
52	4095	-65			12.384	0.907	0.907	0.907	0.917
52	0	-65			2.773	0.98	0.922	0.781	0.922
53	53	-65			2.873	0.976	0.859	0.737	0.883
53	4043	-65			2.335	0.977	0.815	0.699	0.815
53	4095	-65			12.384	0.907	0.907	0.907	0.929
53	0	-65			2.747	0.962	0.89	0.763	0.898
54	54	-65			2.913	1.017	0.908	0.768	0.92
54	4042	-65			2.391	0.998	0.834	0.716	0.854
54	4095	-65			12.384	0.909	0.907	0.907	0.907
54	0	-65			2.773	1.002	0.91	0.771	0.922
55	55	-65			2.89	0.955	0.865	0.749	0.888
55	4041	-65			2.335	0.974	0.815	0.699	0.815
55	4095	-65			12.384	0.907	0.907	0.907	0.907
55	0	-65			2.73	0.963	0.885	0.759	0.885
56	56	-65			2.922	1.036	0.874	0.759	0.898
56	4040	-65			2.39	0.987	0.834	0.715	0.834

56	4095	-65			12.384	0.917	0.907	0.907	0.907
56	0	-65			2.795	0.984	0.929	0.776	0.952
57	57	-65			2.89	1	0.888	0.762	0.889
57	4039	-65			2.39	1	0.854	0.724	0.854
57	4095	-65			12.384	0.927	0.917	0.907	0.927
57	0	-65			2.716	1.002	0.88	0.755	0.903
58	58	-65			2.961	1.018	0.911	0.781	0.935
58	4038	-65			2.39	1	0.854	0.724	0.854
58	4095	-65			12.384	0.907	0.929	0.906	0.928
58	0	-65			2.773	1.021	0.91	0.771	0.899
59	59	-65			2.793	0.983	0.859	0.736	0.859
59	4037	-65			2.397	0.937	0.836	0.717	0.836
59	4095	-65			12.384	0.907	0.907	0.907	0.907
59	0	-65			2.773	0.998	0.899	0.771	0.899
60	60	-65			2.915	0.985	0.896	0.789	0.92
60	4036	-65			2.335	0.896	0.815	0.699	0.815
60	4095	-65			12.384	0.928	0.925	0.907	0.907
60	0	-65			2.773	1.011	0.899	0.771	0.921
61	61	-65			2.797	0.929	0.844	0.718	0.86
61	4035	-65			2.39	0.903	0.854	0.715	0.854
61	4095	-65			12.384	0.917	0.917	0.907	0.917
61	0	-65			2.77	0.98	0.898	0.77	0.921
62	62	-65			2.963	1.035	0.911	0.76	0.911
62	4034	-65			2.39	0.883	0.854	0.732	0.854
62	4095	-65			12.384	0.907	0.925	0.906	0.907
62	0	-65			2.773	0.99	0.899	0.771	0.922
63	63	-65			2.991	1.025	0.92	0.768	0.92
63	4033	-65			2.39	0.987	0.834	0.715	0.834
63	4095	-65			12.384	0.907	0.907	0.906	0.906
63	0	-65			2.773	0.976	0.921	0.771	0.899
64	64	-65			3.072	0.973	0.944	0.809	0.945
96	0	-65			4.332	1.081	1.111	1.111	0.973
96	96	-65			4.305	1.04	1.105	1.104	0.967
128	128	-65			4.332	1.077	1.111	1.081	0.973

160	0	-65			5.007	0.796	0.819	0.796	0.858
160	160	-65			5.007	0.796	0.819	0.796	0.858
192	0	-65			5.007	0.811	0.819	0.817	0.869
192	192	-65			5.007	0.807	0.819	0.819	0.865
224	0	-65			5.007	0.819	0.819	0.817	0.871
224	224	-65			5.008	0.809	0.819	0.819	0.858
256	256	-65			4.872	0.797	0.797	0.796	0.834
288	0	-65			7.225	1	1	1	1
288	288	-65			7.03	0.973	0.973	0.973	0.973
320	0	-65			7.043	0.975	0.995	0.975	0.975
320	320	-65			7.03	0.973	1	1	1
352	0	-65			7.03	0.973	1	1	1
352	352	-65			7.03	0.973	1	0.981	1
384	0	-65			7.03	0.973	1	1	1
384	384	-65			6.846	0.974	0.974	0.974	0.974
416	0	-65			9.189	1	1	0.997	1
416	416	-65			9.939	1.082	0.936	1.082	1.082
448	0	-65			9.189	1	1	1	1
448	448	-65			8.947	0.974	0.974	0.974	0.974
480	0	-65			8.96	0.975	0.975	0.975	0.975
480	480	-65			8.947	0.974	0.974	0.974	0.974
512	512	-65			8.829	0.964	0.962	0.961	0.971
544	0	-65			11.116	0.98	0.994	0.98	0.98
544	544	-65			11.049	0.974	0.972	0.974	0.974
576	0	-65			11.05	1	1	1	1
576	576	-65			11.049	0.976	0.987	0.989	0.998
608	0	-65			11.049	0.974	0.982	0.974	0.98
608	608	-65			11.049	0.974	0.968	0.974	0.969
640	0	-65			10.96	0.968	0.991	0.991	0.986
640	640	-65			10.941	0.967	0.969	0.98	0.968
672	0	-65			13.176	0.974	0.979	0.975	0.975
672	672	-65			13.151	0.974	0.974	0.974	0.974
704	0	-65			13.164	0.99	1.001	0.983	0.988
704	704	-65			13.071	0.962	0.991	0.976	0.983

736	0	-65			13.175	0.976	0.99	0.975	0.975
736	736	-65			12.927	0.96	0.957	0.957	0.956
768	0	-65			13.131	0.98	0.998	0.999	0.999
768	768	-65			12.843	0.956	0.964	0.976	0.974
800	0	-65			15.277	0.967	1.002	1.002	0.948
800	800	-65			15.092	0.973	0.98	0.963	0.963
832	0	-65			14.885	0.976	0.982	0.976	0.978
832	832	-65			14.928	0.977	0.977	0.979	0.979
864	0	-65			15.293	0.975	0.976	0.974	0.967
864	864	-65			14.921	0.953	0.962	0.952	0.953
896	0	-65			15.252	0.995	0.998	0.995	0.998
896	896	-65			14.874	0.971	0.974	0.974	0.974
928	0	-65			17.579	0.979	0.986	0.976	0.986
928	928	-65			16.916	0.951	0.973	0.95	0.943
960	0	-65			17.354	0.999	0.999	1	0.995
960	960	-65			16.909	0.974	0.96	0.958	0.974
992	0	-65			17.379	0.975	0.98	0.979	0.961
992	992	-65			16.91	0.956	0.973	0.972	0.968
14	1	-65			4.152	0.959	0.852	0.959	0.933
1024	3	-65			21.006	0.999	1	1	0.999
64	4	-65			2.798	0.912	0.86	0.758	0.883
25	2	-65			3.792	0.852	0.852	0.852	0.852
1	0	0			4.332	0.973	0.997	0.973	0.877
2	0	0			4.512	0.973	1.013	1.013	0.822
4	0	0			4.217	0.866	0.974	0.947	0.866
8	0	0			4.152	0.958	0.852	0.958	0.958
16	0	0			3.898	0.875	0.875	0.875	0.875
32	0	0			2.868	1.009	0.882	0.736	0.882
64	0	0			2.992	0.974	0.907	0.787	0.92
128	0	0			4.389	1.095	1.126	1.126	0.986
256	0	0			5.007	0.819	0.819	0.817	0.871
512	0	0			8.947	0.979	1	0.997	1
1024	0	0			17.356	1	1	0.982	1
2048	0	0			32.732	0.984	0.992	0.988	0.985

4096	0	0			75.846	0.992	0.991	0.994	0.984
8192	0	0			141.012	0.99	0.987	0.99	0.982
16384	0	0			271.419	0.993	0.993	0.991	0.987
32768	0	0			531.304	0.978	0.985	0.986	0.982
65536	0	0			1704.525	0.998	1	0.983	0.986
131072	0	0			3656.015	0.973	0.987	0.983	0.967
1	1	0			4.007	0.975	0.975	0.973	0.863
1	4095	0			3.653	0.98	0.98	0.98	0.871
2	2	0			4.173	0.956	1.015	1.015	0.822
2	4094	0			3.882	0.949	1.041	1.041	0.834
2	4095	0			12.395	0.5	0.505	0.514	0.504
3	3	0			4.173	1.036	1.067	1.067	0.836
3	4093	0			3.882	1	1.041	1.041	0.832
3	4095	0			12.385	0.874	0.874	0.874	0.874
3	0	0			4.228	1.013	1.029	1.052	0.822
4	4	0			4.218	0.899	0.974	0.974	0.866
4	4092	0			3.727	0.965	0.977	0.977	0.868
4	4095	0			22.945	0.925	0.925	0.952	0.924
5	5	0			3.727	0.909	0.921	0.931	0.823
5	4091	0			3.642	0.904	0.977	0.977	0.869
5	4095	0			12.384	0.903	0.905	0.907	0.875
5	0	0			3.909	0.918	0.96	0.972	0.865
6	6	0			4.217	0.899	0.974	0.974	0.866
6	4090	0			3.727	0.942	0.977	0.977	0.868
6	4095	0			12.384	0.906	0.907	0.907	0.875
6	0	0			3.909	0.951	0.951	0.951	0.846
7	7	0			4.241	0.893	0.979	0.953	0.871
7	4089	0			3.727	0.902	0.977	0.977	0.869
7	4095	0			12.383	0.907	0.907	0.907	0.875
7	0	0			3.943	0.958	0.984	0.959	0.862
8	8	0			4.152	0.977	0.852	0.945	0.959
8	4088	0			3.573	0.936	0.833	0.936	0.936
8	4095	0			23.084	0.925	0.957	0.957	0.962
9	9	0			3.727	0.954	0.848	0.953	0.938

9	4087	0			3.491	0.945	0.831	0.937	0.937
9	4095	0			12.384	0.875	0.887	0.904	0.904
9	0	0			3.84	0.982	0.829	0.958	0.958
10	10	0			4.043	0.943	0.83	0.933	0.933
10	4086	0			3.55	0.971	0.847	0.952	0.952
10	4095	0			12.384	0.896	0.885	0.906	0.907
10	0	0			3.84	0.959	0.831	0.953	0.946
11	11	0			4.004	0.938	0.822	0.924	0.924
11	4085	0			3.573	0.947	0.852	0.947	0.936
11	4095	0			12.383	0.875	0.886	0.907	0.907
11	0	0			3.841	0.973	0.842	0.935	0.959
12	12	0			4.152	0.973	0.852	0.956	0.959
12	4084	0			3.573	0.977	0.832	0.936	0.936
12	4095	0			12.384	0.875	0.896	0.905	0.907
12	0	0			3.841	0.967	0.852	0.946	0.935
13	13	0			4.152	0.966	0.852	0.958	0.958
13	4083	0			3.572	0.977	0.832	0.936	0.936
13	4095	0			12.383	0.897	0.885	0.907	0.907
13	0	0			3.805	0.95	0.823	0.926	0.949
14	14	0			4.152	0.973	0.852	0.958	0.958
14	4082	0			3.567	0.966	0.851	0.935	0.935
14	4095	0			12.384	0.875	0.875	0.907	0.907
14	0	0			3.84	0.967	0.831	0.946	0.955
15	15	0			4.147	0.972	0.851	0.957	0.957
15	4081	0			3.573	0.977	0.833	0.936	0.936
15	4095	0			12.384	0.875	0.875	0.907	0.907
15	0	0			3.8	0.949	0.843	0.936	0.925
16	16	0			3.792	0.88	0.875	0.875	0.875
16	4080	0			3.118	0.875	0.875	0.875	0.875
16	4095	0			22.724	0.933	0.974	0.923	0.945
17	17	0			3.341	0.876	0.873	0.855	0.855
17	4079	0			3.226	0.886	0.886	0.886	0.886
17	4095	0			12.384	0.907	0.911	0.929	0.929
17	0	0			3.508	0.875	0.875	0.875	0.875

18	18	0			3.717	0.858	0.858	0.858	0.858
18	4078	0			3.263	0.855	0.876	0.875	0.876
18	4095	0			12.383	0.92	0.895	0.929	0.929
18	0	0			3.508	0.854	0.854	0.875	0.872
19	19	0			3.792	0.889	0.876	0.863	0.876
19	4077	0			3.263	0.865	0.855	0.855	0.873
19	4095	0			12.383	0.916	0.927	0.907	0.927
19	0	0			3.508	0.875	0.854	0.854	0.854
20	20	0			3.792	0.866	0.873	0.852	0.875
20	4076	0			3.263	0.875	0.855	0.855	0.875
20	4095	0			12.271	0.898	0.919	0.908	0.919
20	0	0			3.584	0.901	0.872	0.872	0.872
21	21	0			3.792	0.859	0.852	0.852	0.875
21	4075	0			3.263	0.855	0.875	0.855	0.875
21	4095	0			12.384	0.928	0.928	0.907	0.928
21	0	0			3.508	0.856	0.853	0.854	0.875
22	22	0			3.793	0.876	0.873	0.852	0.875
22	4074	0			3.263	0.892	0.875	0.855	0.875
22	4095	0			12.383	0.926	0.927	0.907	0.927
22	0	0			3.596	0.875	0.875	0.875	0.886
23	23	0			3.792	0.886	0.875	0.852	0.875
23	4073	0			3.263	0.884	0.855	0.855	0.855
23	4095	0			12.383	0.917	0.919	0.907	0.928
23	0	0			3.56	0.888	0.866	0.866	0.866
24	24	0			3.792	0.858	0.876	0.852	0.876
24	4072	0			3.264	0.875	0.875	0.855	0.875
24	4095	0			12.384	0.907	0.917	0.907	0.927
24	0	0			3.598	0.885	0.876	0.895	0.898
25	25	0			3.792	0.875	0.852	0.852	0.876
25	4071	0			3.313	0.868	0.868	0.868	0.868
25	4095	0			12.383	0.908	0.927	0.907	0.928
25	0	0			3.568	0.891	0.891	0.868	0.894
26	26	0			3.793	0.889	0.876	0.852	0.876
26	4070	0			3.276	0.866	0.879	0.879	0.879

26	4095	0			12.383	0.907	0.928	0.928	0.929
26	0	0			3.652	0.915	0.889	0.889	0.911
27	27	0			3.792	0.889	0.875	0.875	0.875
27	4069	0			3.264	0.87	0.855	0.855	0.855
27	4095	0			12.383	0.928	0.916	0.906	0.927
27	0	0			3.598	0.892	0.876	0.876	0.876
28	28	0			3.792	0.87	0.875	0.853	0.875
28	4068	0			3.263	0.855	0.875	0.875	0.875
28	4095	0			12.384	0.919	0.907	0.907	0.909
28	0	0			3.557	0.868	0.866	0.866	0.866
29	29	0			3.792	0.852	0.873	0.852	0.876
29	4067	0			3.263	0.855	0.875	0.875	0.875
29	4095	0			12.12	0.897	0.907	0.887	0.907
29	0	0			3.622	0.904	0.881	0.904	0.892
30	30	0			3.793	0.895	0.876	0.852	0.876
30	4066	0			3.263	0.855	0.855	0.865	0.875
30	4095	0			12.383	0.916	0.918	0.907	0.927
30	0	0			3.623	0.904	0.882	0.881	0.882
31	31	0			3.805	0.878	0.878	0.855	0.878
31	4065	0			3.341	0.875	0.875	0.875	0.875
31	4095	0			12.24	0.916	0.906	0.896	0.899
31	0	0			3.61	0.878	0.878	0.898	0.878
32	32	0			2.885	0.964	0.898	0.761	0.911
32	4064	0			2.252	0.891	0.842	0.722	0.842
32	4095	0			23.269	0.928	0.938	0.92	0.928
33	33	0			2.659	0.99	0.906	0.775	0.906
33	4063	0			2.406	0.91	0.86	0.737	0.859
33	4095	0			12.384	0.904	0.903	0.899	0.902
33	0	0			2.773	0.975	0.921	0.79	0.922
34	34	0			2.925	0.967	0.899	0.751	0.899
34	4062	0			2.395	0.885	0.855	0.732	0.855
34	4095	0			12.384	0.907	0.927	0.907	0.929
34	0	0			2.776	0.989	0.899	0.771	0.923
35	35	0			2.963	0.964	0.911	0.78	0.911

35	4061	0			2.413	0.902	0.842	0.722	0.842
35	4095	0			12.384	0.907	0.907	0.907	0.907
35	0	0			2.74	0.964	0.888	0.761	0.911
36	36	0			2.857	0.968	0.855	0.741	0.877
36	4060	0			2.335	0.863	0.834	0.699	0.815
36	4095	0			12.384	0.907	0.907	0.907	0.927
36	0	0			2.773	0.984	0.899	0.771	0.922
37	37	0			2.935	0.955	0.902	0.774	0.902
37	4059	0			2.335	0.883	0.815	0.699	0.815
37	4095	0			12.384	0.907	0.907	0.907	0.907
37	0	0			2.772	0.975	0.906	0.789	0.899
38	38	0			2.88	0.937	0.862	0.739	0.875
38	4058	0			2.39	0.912	0.834	0.715	0.834
38	4095	0			12.384	0.907	0.907	0.906	0.907
38	0	0			2.773	0.975	0.898	0.771	0.922
39	39	0			2.992	0.974	0.895	0.768	0.902
39	4057	0			2.373	0.887	0.828	0.71	0.828
39	4095	0			12.384	0.907	0.907	0.907	0.907
39	0	0			2.747	0.967	0.89	0.764	0.913
40	40	0			2.934	0.955	0.902	0.768	0.902
40	4056	0			2.335	0.863	0.834	0.699	0.834
40	4095	0			12.384	0.905	0.907	0.907	0.906
40	0	0			2.773	0.976	0.899	0.771	0.91
41	41	0			2.921	0.951	0.874	0.749	0.886
41	4055	0			2.345	0.866	0.818	0.702	0.819
41	4095	0			12.383	0.907	0.907	0.907	0.907
41	0	0			2.773	0.976	0.899	0.778	0.91
42	42	0			2.992	1.007	0.895	0.768	0.92
42	4054	0			2.335	0.863	0.815	0.699	0.815
42	4095	0			12.384	0.907	0.907	0.907	0.927
42	0	0			2.769	0.974	0.897	0.784	0.917
43	43	0			2.89	0.941	0.865	0.757	0.889
43	4053	0			2.399	0.942	0.837	0.718	0.837
43	4095	0			12.384	0.906	0.907	0.907	0.907

43	0	0			2.773	0.976	0.91	0.771	0.922
44	44	0			2.911	0.973	0.871	0.747	0.883
44	4052	0			2.335	0.863	0.815	0.699	0.815
44	4095	0			12.384	0.907	0.907	0.907	0.907
44	0	0			2.693	0.948	0.884	0.749	0.873
45	45	0			2.857	0.93	0.855	0.733	0.874
45	4051	0			2.394	0.895	0.836	0.717	0.835
45	4095	0			12.385	0.907	0.907	0.907	0.907
45	0	0			2.773	0.976	0.898	0.771	0.922
46	46	0			2.876	0.949	0.884	0.757	0.908
46	4050	0			2.349	0.868	0.82	0.703	0.82
46	4095	0			12.384	0.905	0.907	0.907	0.907
46	0	0			2.775	0.976	0.899	0.771	0.899
47	47	0			2.991	0.994	0.895	0.768	0.895
47	4049	0			2.427	0.897	0.847	0.727	0.847
47	4095	0			12.384	0.907	0.906	0.907	0.907
47	0	0			2.74	0.964	0.888	0.762	0.888
48	48	0			2.847	0.922	0.863	0.731	0.875
48	4048	0			2.281	0.883	0.834	0.715	0.834
48	4095	0			12.384	0.907	0.927	0.907	0.929
48	0	0			2.747	0.965	0.891	0.782	0.902
49	49	0			2.862	0.956	0.88	0.754	0.903
49	4047	0			2.335	0.873	0.815	0.699	0.815
49	4095	0			12.384	0.907	0.907	0.907	0.907
49	0	0			2.773	0.976	0.899	0.787	0.899
50	50	0			2.869	0.946	0.882	0.745	0.882
50	4046	0			2.335	0.863	0.815	0.699	0.815
50	4095	0			12.384	0.907	0.907	0.907	0.907
50	0	0			2.79	0.982	0.927	0.785	0.904
51	51	0			2.903	0.958	0.892	0.766	0.893
51	4045	0			2.39	0.883	0.834	0.715	0.834
51	4095	0			12.384	0.907	0.907	0.907	0.907
51	0	0			2.768	0.974	0.908	0.769	0.908
52	52	0			2.956	0.962	0.884	0.758	0.909

52	4044	0			2.335	0.863	0.815	0.699	0.815
52	4095	0			12.384	0.907	0.905	0.905	0.907
52	0	0			2.745	0.966	0.89	0.763	0.89
53	53	0			2.992	0.974	0.92	0.789	0.944
53	4043	0			2.335	0.863	0.815	0.699	0.815
53	4095	0			12.384	0.907	0.907	0.907	0.907
53	0	0			2.773	0.963	0.898	0.771	0.922
54	54	0			2.942	0.957	0.88	0.755	0.905
54	4042	0			2.335	0.863	0.815	0.699	0.815
54	4095	0			12.384	0.906	0.907	0.907	0.907
54	0	0			2.766	0.981	0.896	0.749	0.919
55	55	0			2.875	0.936	0.86	0.758	0.868
55	4041	0			2.339	0.864	0.816	0.7	0.816
55	4095	0			12.383	0.907	0.907	0.907	0.907
55	0	0			2.756	0.97	0.893	0.765	0.905
56	56	0			2.936	0.954	0.878	0.753	0.903
56	4040	0			2.335	0.862	0.815	0.699	0.815
56	4095	0			12.384	0.907	0.907	0.907	0.907
56	0	0			2.773	0.976	0.922	0.771	0.922
57	57	0			2.842	0.925	0.874	0.749	0.874
57	4039	0			2.39	0.883	0.834	0.716	0.834
57	4095	0			12.384	0.907	0.905	0.907	0.907
57	0	0			2.696	0.949	0.874	0.768	0.896
58	58	0			2.909	0.947	0.87	0.767	0.894
58	4038	0			2.394	0.884	0.836	0.717	0.835
58	4095	0			12.384	0.907	0.907	0.905	0.907
58	0	0			2.766	0.973	0.896	0.769	0.896
59	59	0			2.915	0.961	0.872	0.769	0.896
59	4037	0			2.363	0.873	0.825	0.707	0.825
59	4095	0			12.384	0.907	0.907	0.907	0.907
59	0	0			2.773	0.976	0.922	0.771	0.922
60	60	0			2.952	0.966	0.883	0.775	0.907
60	4036	0			2.394	0.885	0.836	0.717	0.836
60	4095	0			12.384	0.907	0.907	0.907	0.907

60	0	0			2.63	0.925	0.87	0.731	0.863
61	61	0			2.894	0.942	0.866	0.743	0.888
61	4035	0			2.339	0.864	0.816	0.7	0.816
61	4095	0			12.383	0.906	0.907	0.907	0.907
61	0	0			2.76	0.971	0.894	0.767	0.917
62	62	0			2.849	0.927	0.852	0.74	0.875
62	4034	0			2.362	0.873	0.824	0.707	0.824
62	4095	0			12.384	0.907	0.907	0.907	0.907
62	0	0			2.787	0.981	0.903	0.771	0.903
63	63	0			2.963	0.964	0.898	0.76	0.906
63	4033	0			2.335	0.863	0.815	0.699	0.815
63	4095	0			12.384	0.907	0.906	0.907	0.907
63	0	0			2.714	0.955	0.879	0.749	0.879
64	64	0			2.91	0.921	0.871	0.747	0.895
96	0	0			4.371	1.038	1.121	1.09	0.982
96	96	0			4.332	1.023	1.111	1.111	1
128	128	0			4.272	1.001	1.096	1.066	0.959
160	0	0			5.007	0.814	0.819	0.796	0.847
160	160	0			5.007	0.819	0.819	0.796	0.855
192	0	0			5.007	0.819	0.819	0.807	0.871
192	192	0			5.007	0.809	0.819	0.819	0.857
224	0	0			5.007	0.807	0.819	0.819	0.871
224	224	0			4.872	0.797	0.797	0.796	0.834
256	256	0			4.871	0.797	0.796	0.796	0.846
288	0	0			7.225	1	1	1	1
288	288	0			7.03	0.973	0.973	0.973	0.973
320	0	0			7.031	0.973	1	0.973	1
320	320	0			6.976	0.965	0.979	0.992	0.992
352	0	0			7.03	0.973	1	0.993	1
352	352	0			6.882	0.953	0.979	0.979	0.979
384	0	0			7.03	1	1	1	1
384	384	0			6.845	0.962	0.974	0.974	0.967
416	0	0			9.189	1	1	1	1
416	416	0			9.875	1.075	0.927	1.067	1.075

448	0	0			8.949	0.974	0.978	0.974	0.971
448	448	0			8.947	0.974	1	0.974	0.999
480	0	0			8.947	0.974	0.993	0.974	0.982
480	480	0			8.744	0.952	0.97	0.968	0.951
512	512	0			8.718	0.973	0.972	0.974	0.961
544	0	0			11.061	0.98	1	0.975	0.976
544	544	0			11.003	0.97	0.978	0.993	0.97
576	0	0			11.021	0.997	0.997	0.996	0.997
576	576	0			10.765	0.951	0.974	0.974	0.971
608	0	0			11.049	0.973	0.987	0.978	0.98
608	608	0			10.95	0.969	0.981	0.964	0.966
640	0	0			10.81	0.978	0.977	0.972	0.976
640	640	0			10.766	0.959	0.974	0.972	0.97
672	0	0			13.151	0.99	0.998	0.974	0.985
672	672	0			13.009	0.964	0.987	0.967	0.983
704	0	0			13.15	0.99	1	0.999	1
704	704	0			12.837	0.976	0.976	0.975	0.97
736	0	0			13.151	0.973	0.999	0.999	0.999
736	736	0			12.846	0.963	0.975	0.964	0.966
768	0	0			12.84	0.968	0.986	1.002	0.976
768	768	0			12.817	0.953	0.971	0.963	0.973
800	0	0			15.253	0.998	1	0.999	0.992
800	800	0			14.862	0.972	0.964	0.974	0.974
832	0	0			14.862	0.981	1	1	1
832	832	0			14.863	0.966	0.974	0.971	0.974
864	0	0			15.252	0.988	0.997	0.979	0.974
864	864	0			14.874	0.954	0.949	0.968	0.972
896	0	0			14.956	0.97	0.961	0.979	0.981
896	896	0			14.868	0.975	0.975	0.975	0.975
928	0	0			17.379	0.979	1.001	0.984	1.001
928	928	0			16.91	0.948	0.951	0.945	0.974
960	0	0			16.977	0.978	0.977	0.978	0.978
960	960	0			16.909	0.974	0.974	0.974	0.974
992	0	0			17.378	0.982	0.981	0.976	0.971

992	992	0			16.909	0.974	0.974	0.974	0.952
14	1	0			4.11	0.949	0.844	0.949	0.949
1024	3	0			20.759	0.975	0.988	0.978	0.988
64	4	0			2.713	0.907	0.834	0.735	0.857
25	2	0			3.792	0.852	0.852	0.852	0.852
1	0	65			4.332	0.973	0.973	0.973	0.889
2	0	65			4.512	0.973	1.013	1.013	0.822
4	0	65			4.331	0.877	0.973	0.973	0.875
8	0	65			4.152	0.959	0.848	0.933	0.945
16	0	65			3.857	0.873	0.866	0.866	0.866
32	0	65			2.868	0.933	0.858	0.736	0.882
64	0	65			2.96	0.944	0.886	0.76	0.886
128	0	65			4.452	1.043	1.142	1.142	1
256	0	65			5.007	0.819	0.819	0.817	0.871
512	0	65			8.948	0.974	0.974	0.974	0.974
1024	0	65			17.343	0.958	0.981	0.962	0.999
2048	0	65			33.075	0.979	0.987	0.993	0.986
4096	0	65			76.615	0.986	0.986	0.982	0.978
8192	0	65			142.636	0.993	0.991	0.99	0.984
16384	0	65			274.195	0.986	0.991	0.991	0.985
32768	0	65			537.252	0.989	0.992	0.992	0.99
65536	0	65			1710.505	0.979	0.985	0.983	0.992
131072	0	65			3684.885	0.971	0.984	0.981	0.984
1	1	65			4.007	0.95	0.975	0.975	0.867
1	4095	65			3.727	0.977	0.985	0.977	0.885
2	2	65			4.173	0.954	0.994	1.015	0.813
2	4094	65			3.882	1	1.041	1.041	0.824
2	4095	65			12.407	0.512	0.51	0.509	0.511
3	3	65			4.173	1.004	1.037	1.032	0.844
3	4093	65			3.928	1	1.054	1.054	0.844
3	4095	65			12.384	0.867	0.865	0.872	0.869
3	0	65			4.173	1	1.038	1.041	0.816
4	4	65			4.275	0.921	0.987	0.987	0.878
4	4092	65			3.7	0.862	0.97	0.969	0.862

4	4095	65			23.262	0.949	0.93	0.965	0.965
5	5	65			3.816	0.879	0.947	0.964	0.845
5	4091	65			3.643	0.869	0.977	0.977	0.869
5	4095	65			12.386	0.904	0.905	0.904	0.876
5	0	65			4.005	0.881	0.971	0.975	0.867
6	6	65			4.217	0.87	0.974	0.973	0.866
6	4090	65			3.727	0.869	0.977	0.977	0.869
6	4095	65			12.384	0.907	0.907	0.907	0.875
6	0	65			4.006	0.889	0.975	0.975	0.867
7	7	65			4.231	0.868	0.95	0.95	0.852
7	4089	65			3.617	0.843	0.948	0.948	0.843
7	4095	65			12.384	0.907	0.907	0.907	0.875
7	0	65			3.909	0.857	0.951	0.951	0.846
8	8	65			4.152	0.973	0.848	0.958	0.959
8	4088	65			3.573	0.952	0.833	0.936	0.936
8	4095	65			23.24	0.964	0.964	0.957	0.964
9	9	65			3.747	0.958	0.852	0.951	0.952
9	4087	65			3.572	0.967	0.852	0.958	0.958
9	4095	65			12.385	0.875	0.875	0.894	0.902
9	0	65			3.762	0.955	0.815	0.916	0.939
10	10	65			4.152	0.966	0.852	0.958	0.958
10	4086	65			3.573	0.956	0.833	0.936	0.936
10	4095	65			12.384	0.875	0.875	0.907	0.907
10	0	65			3.862	0.972	0.827	0.964	0.964
11	11	65			4.043	0.941	0.83	0.933	0.933
11	4085	65			3.573	0.977	0.833	0.936	0.936
11	4095	65			12.384	0.875	0.875	0.907	0.907
11	0	65			3.84	0.959	0.831	0.934	0.924
12	12	65			4.153	0.96	0.852	0.959	0.959
12	4084	65			3.572	0.956	0.832	0.936	0.936
12	4095	65			12.384	0.875	0.875	0.907	0.907
12	0	65			3.841	0.974	0.831	0.95	0.934
13	13	65			4.151	0.958	0.852	0.958	0.958
13	4083	65			3.532	0.927	0.823	0.925	0.926

13	4095	65			12.384	0.875	0.875	0.907	0.907
13	0	65			3.841	0.975	0.831	0.958	0.958
14	14	65			4.152	0.973	0.852	0.958	0.959
14	4082	65			3.573	0.954	0.832	0.936	0.936
14	4095	65			12.384	0.875	0.875	0.907	0.907
14	0	65			3.84	0.958	0.831	0.958	0.935
15	15	65			4.117	0.964	0.845	0.95	0.945
15	4081	65			3.572	0.976	0.832	0.936	0.936
15	4095	65			12.384	0.875	0.875	0.907	0.907
15	0	65			3.841	0.953	0.831	0.935	0.935
16	16	65			3.792	0.865	0.852	0.852	0.852
16	4080	65			3.118	0.875	0.875	0.859	0.875
16	4095	65			22.734	0.95	0.945	0.925	0.943
17	17	65			3.458	0.885	0.868	0.884	0.885
17	4079	65			3.189	0.875	0.865	0.875	0.875
17	4095	65			12.407	0.906	0.899	0.903	0.908
17	0	65			3.598	0.898	0.898	0.898	0.898
18	18	65			3.792	0.876	0.875	0.875	0.875
18	4078	65			3.263	0.855	0.875	0.855	0.875
18	4095	65			12.384	0.907	0.906	0.907	0.907
18	0	65			3.637	0.908	0.885	0.896	0.885
19	19	65			3.792	0.875	0.852	0.852	0.875
19	4077	65			3.263	0.855	0.855	0.855	0.855
19	4095	65			12.383	0.906	0.907	0.907	0.907
19	0	65			3.598	0.895	0.875	0.898	0.882
20	20	65			3.792	0.87	0.852	0.852	0.852
20	4076	65			3.263	0.855	0.855	0.855	0.855
20	4095	65			12.384	0.907	0.907	0.907	0.905
20	0	65			3.508	0.873	0.854	0.864	0.875
21	21	65			3.792	0.876	0.876	0.875	0.875
21	4075	65			3.341	0.876	0.876	0.876	0.876
21	4095	65			12.383	0.907	0.907	0.907	0.907
21	0	65			3.598	0.876	0.898	0.876	0.887
22	22	65			3.792	0.861	0.852	0.852	0.853

22	4074	65			3.263	0.863	0.855	0.855	0.855
22	4095	65			12.384	0.907	0.907	0.907	0.907
22	0	65			3.508	0.876	0.854	0.854	0.854
23	23	65			3.792	0.876	0.876	0.875	0.876
23	4073	65			3.263	0.855	0.855	0.855	0.855
23	4095	65			12.384	0.907	0.907	0.907	0.907
23	0	65			3.552	0.883	0.865	0.864	0.862
24	24	65			3.792	0.887	0.852	0.852	0.875
24	4072	65			3.263	0.855	0.855	0.855	0.865
24	4095	65			12.384	0.907	0.907	0.907	0.907
24	0	65			3.508	0.872	0.875	0.854	0.873
25	25	65			3.812	0.893	0.856	0.856	0.856
25	4071	65			3.263	0.855	0.855	0.855	0.855
25	4095	65			12.384	0.907	0.927	0.906	0.907
25	0	65			3.597	0.9	0.898	0.898	0.898
26	26	65			3.792	0.875	0.852	0.852	0.875
26	4070	65			3.263	0.855	0.855	0.855	0.855
26	4095	65			12.384	0.907	0.907	0.907	0.907
26	0	65			3.598	0.906	0.875	0.875	0.875
27	27	65			3.792	0.884	0.852	0.875	0.862
27	4069	65			3.263	0.855	0.855	0.855	0.855
27	4095	65			12.383	0.907	0.907	0.907	0.907
27	0	65			3.508	0.864	0.851	0.854	0.854
28	28	65			3.858	0.904	0.875	0.866	0.867
28	4068	65			3.276	0.859	0.858	0.858	0.858
28	4095	65			12.384	0.907	0.907	0.907	0.907
28	0	65			3.508	0.875	0.854	0.875	0.875
29	29	65			3.792	0.882	0.852	0.852	0.852
29	4067	65			3.263	0.858	0.855	0.855	0.855
29	4095	65			12.384	0.905	0.907	0.907	0.907
29	0	65			3.508	0.872	0.873	0.861	0.854
30	30	65			3.795	0.884	0.852	0.852	0.874
30	4066	65			3.264	0.855	0.855	0.855	0.855
30	4095	65			12.384	0.907	0.906	0.907	0.907

30	0	65			3.598	0.9	0.898	0.875	0.898
31	31	65			3.792	0.882	0.852	0.852	0.864
31	4065	65			3.263	0.855	0.855	0.855	0.855
31	4095	65			12.384	0.907	0.907	0.907	0.907
31	0	65			3.62	0.886	0.892	0.881	0.881
32	32	65			2.842	0.925	0.873	0.729	0.874
32	4064	65			2.231	0.863	0.834	0.7	0.834
32	4095	65			23.829	0.964	0.955	0.943	0.96
33	33	65			2.727	0.996	0.929	0.778	0.929
33	4063	65			2.422	0.905	0.865	0.742	0.866
33	4095	65			12.384	0.906	0.902	0.907	0.904
33	0	65			2.842	0.975	0.912	0.788	0.945
34	34	65			3.017	0.982	0.928	0.796	0.928
34	4062	65			2.366	0.874	0.826	0.708	0.826
34	4095	65			12.388	0.907	0.907	0.907	0.907
34	0	65			2.773	0.976	0.899	0.771	0.906
35	35	65			3.001	0.977	0.922	0.791	0.923
35	4061	65			2.338	0.864	0.816	0.7	0.816
35	4095	65			12.385	0.907	0.907	0.905	0.907
35	0	65			2.83	0.996	0.925	0.787	0.94
36	36	65			3.036	0.988	0.908	0.779	0.908
36	4060	65			2.338	0.864	0.816	0.7	0.816
36	4095	65			12.384	0.907	0.907	0.907	0.907
36	0	65			2.807	0.988	0.933	0.789	0.918
37	37	65			2.989	0.973	0.894	0.767	0.894
37	4059	65			2.335	0.863	0.815	0.699	0.815
37	4095	65			12.384	0.907	0.907	0.907	0.907
37	0	65			2.842	1	0.921	0.78	0.933
38	38	65			3.032	0.986	0.907	0.778	0.919
38	4058	65			2.335	0.863	0.815	0.699	0.815
38	4095	65			12.384	0.907	0.907	0.907	0.907
38	0	65			2.842	1	0.921	0.789	0.932
39	39	65			2.996	0.975	0.921	0.769	0.921
39	4057	65			2.402	0.888	0.838	0.719	0.838

39	4095	65			12.384	0.907	0.907	0.907	0.876
39	0	65			2.763	0.972	0.895	0.787	0.918
40	40	65			2.833	0.922	0.871	0.747	0.871
40	4056	65			2.338	0.864	0.816	0.7	0.816
40	4095	65			12.385	0.907	0.907	0.907	0.907
40	0	65			2.664	0.936	0.882	0.741	0.864
41	41	65			2.997	0.975	0.896	0.769	0.896
41	4055	65			2.335	0.863	0.815	0.699	0.815
41	4095	65			12.386	0.907	0.907	0.907	0.907
41	0	65			2.779	0.978	0.9	0.772	0.912
42	42	65			3.072	1	0.919	0.788	0.919
42	4054	65			2.335	0.863	0.815	0.699	0.815
42	4095	65			12.384	0.907	0.905	0.907	0.907
42	0	65			2.773	0.975	0.899	0.75	0.899
43	43	65			2.902	0.97	0.868	0.765	0.889
43	4053	65			2.338	0.864	0.816	0.7	0.816
43	4095	65			12.384	0.907	0.907	0.907	0.907
43	0	65			2.781	0.979	0.901	0.773	0.902
44	44	65			2.951	0.961	0.907	0.778	0.907
44	4052	65			2.339	0.864	0.816	0.7	0.816
44	4095	65			12.384	0.907	0.907	0.907	0.907
44	0	65			2.773	0.975	0.898	0.771	0.921
45	45	65			2.992	0.974	0.895	0.768	0.895
45	4051	65			2.338	0.864	0.816	0.7	0.816
45	4095	65			12.384	0.907	0.907	0.907	0.907
45	0	65			2.767	0.972	0.897	0.769	0.92
46	46	65			3.008	0.979	0.925	0.792	0.925
46	4050	65			2.376	0.878	0.829	0.711	0.829
46	4095	65			12.384	0.907	0.907	0.907	0.907
46	0	65			2.842	1	0.921	0.79	0.921
47	47	65			2.913	0.948	0.883	0.747	0.871
47	4049	65			2.338	0.864	0.816	0.7	0.816
47	4095	65			12.385	0.907	0.907	0.907	0.907
47	0	65			2.808	0.988	0.91	0.78	0.933

48	48	65			3.014	0.981	0.902	0.773	0.902
48	4048	65			2.281	0.863	0.834	0.707	0.834
48	4095	65			12.384	0.907	0.907	0.907	0.907
48	0	65			2.769	0.974	0.909	0.789	0.92
49	49	65			2.933	0.955	0.878	0.753	0.902
49	4047	65			2.366	0.874	0.826	0.708	0.826
49	4095	65			12.384	0.907	0.907	0.907	0.907
49	0	65			2.773	0.976	0.894	0.789	0.922
50	50	65			2.992	0.974	0.895	0.768	0.907
50	4046	65			2.366	0.879	0.826	0.708	0.826
50	4095	65			12.384	0.907	0.889	0.872	0.907
50	0	65			2.773	0.976	0.921	0.771	0.917
51	51	65			2.919	0.96	0.898	0.769	0.897
51	4045	65			2.42	0.894	0.845	0.724	0.845
51	4095	65			12.396	0.907	0.907	0.907	0.907
51	0	65			2.739	0.964	0.888	0.761	0.91
52	52	65			2.992	0.974	0.92	0.789	0.945
52	4044	65			2.42	0.894	0.844	0.724	0.844
52	4095	65			12.384	0.907	0.89	0.907	0.907
52	0	65			2.815	0.99	0.935	0.789	0.912
53	53	65			2.992	0.974	0.92	0.787	0.92
53	4043	65			2.424	0.895	0.846	0.725	0.846
53	4095	65			12.385	0.907	0.907	0.907	0.907
53	0	65			2.773	0.976	0.899	0.771	0.922
54	54	65			2.949	0.96	0.882	0.757	0.907
54	4042	65			2.394	0.885	0.835	0.717	0.836
54	4095	65			12.384	0.907	0.907	0.907	0.873
54	0	65			2.773	0.975	0.899	0.771	0.899
55	55	65			2.975	0.968	0.915	0.784	0.915
55	4041	65			2.335	0.863	0.815	0.699	0.815
55	4095	65			12.384	0.907	0.907	0.907	0.907
55	0	65			2.784	0.979	0.902	0.774	0.91
56	56	65			3.032	0.987	0.945	0.798	0.932
56	4040	65			2.394	0.884	0.835	0.717	0.835

56	4095	65			12.384	0.907	0.907	0.907	0.907
56	0	65			2.785	0.98	0.903	0.774	0.926
57	57	65			2.993	0.974	0.92	0.777	0.92
57	4039	65			2.405	0.889	0.839	0.72	0.839
57	4095	65			12.384	0.907	0.907	0.907	0.907
57	0	65			2.808	0.988	0.933	0.78	0.921
58	58	65			2.862	0.931	0.856	0.734	0.856
58	4038	65			2.335	0.862	0.815	0.699	0.815
58	4095	65			12.384	0.907	0.907	0.907	0.907
58	0	65			2.792	0.982	0.924	0.775	0.928
59	59	65			2.974	0.968	0.914	0.784	0.914
59	4037	65			2.335	0.863	0.815	0.699	0.815
59	4095	65			12.384	0.907	0.907	0.907	0.907
59	0	65			2.842	0.975	0.929	0.797	0.945
60	60	65			2.971	0.967	0.889	0.783	0.889
60	4036	65			2.338	0.864	0.816	0.7	0.816
60	4095	65			12.384	0.907	0.906	0.906	0.907
60	0	65			2.823	0.993	0.926	0.785	0.934
61	61	65			2.93	0.953	0.876	0.752	0.876
61	4035	65			2.366	0.874	0.826	0.708	0.826
61	4095	65			12.384	0.907	0.907	0.907	0.907
61	0	65			2.773	0.976	0.899	0.771	0.899
62	62	65			3.006	0.978	0.924	0.793	0.924
62	4034	65			2.423	0.899	0.846	0.725	0.846
62	4095	65			12.384	0.907	0.907	0.907	0.907
62	0	65			2.773	0.97	0.899	0.79	0.922
63	63	65			2.921	0.951	0.874	0.77	0.874
63	4033	65			2.373	0.877	0.828	0.71	0.828
63	4095	65			12.384	0.907	0.907	0.907	0.907
63	0	65			2.808	0.988	0.91	0.78	0.91
64	64	65			3.009	0.953	0.9	0.772	0.9
96	0	65			4.39	1.029	1.126	1.126	0.986
96	96	65			4.36	1.087	1.119	1.119	0.979
128	128	65			4.3	1.016	1.088	1.103	0.962

160	0	65			5.008	0.796	0.796	0.796	0.847
160	160	65			5.007	0.796	0.819	0.796	0.847
192	0	65			5.007	0.796	0.819	0.819	0.871
192	192	65			5.007	0.796	0.819	0.796	0.858
224	0	65			5.007	0.796	0.819	0.819	0.871
224	224	65			5.007	0.796	0.819	0.818	0.858
256	256	65			4.872	0.797	0.797	0.796	0.834
288	0	65			7.225	1	1	1	1
288	288	65			7.03	0.973	0.973	0.973	0.973
320	0	65			7.225	1	1	1	1
320	320	65			7.03	0.973	0.973	0.973	0.973
352	0	65			7.031	0.973	0.985	0.973	0.983
352	352	65			7.029	0.973	0.996	0.973	0.996
384	0	65			7.03	0.973	1	0.995	1
384	384	65			6.9	0.975	0.981	0.981	0.981
416	0	65			9.189	1	1	0.999	0.999
416	416	65			9.924	1.08	0.918	1.08	1.08
448	0	65			9.189	1	1	1	1
448	448	65			8.947	0.974	0.974	0.974	0.974
480	0	65			8.949	0.974	0.974	0.974	0.974
480	480	65			8.947	0.974	0.974	0.974	0.974
512	512	65			8.718	0.949	0.963	0.974	0.962
544	0	65			11.079	0.976	0.976	0.976	0.978
544	544	65			11.048	0.974	0.974	0.973	0.974
576	0	65			11.049	0.979	1	0.973	1
576	576	65			10.87	0.96	0.958	0.961	0.959
608	0	65			11.072	0.979	0.976	0.976	0.976
608	608	65			11.032	0.97	0.972	0.968	0.972
640	0	65			11.05	0.996	0.994	0.999	0.999
640	640	65			11.017	0.971	0.975	0.972	0.986
672	0	65			13.215	0.978	0.978	0.976	0.978
672	672	65			13.151	0.974	0.973	0.973	0.974
704	0	65			13.176	0.986	1	1	0.988
704	704	65			13.136	0.986	0.993	0.971	0.973

736	0	65			13.18	0.976	0.984	0.976	0.976
736	736	65			12.934	0.958	0.958	0.958	0.958
768	0	65			12.84	0.97	0.976	0.976	0.976
768	768	65			12.982	0.984	0.985	0.982	0.981
800	0	65			15.265	0.983	0.978	0.973	0.974
800	800	65			15.202	0.972	0.99	0.97	0.97
832	0	65			14.887	0.992	0.999	0.976	0.985
832	832	65			14.875	0.926	0.97	0.963	0.944
864	0	65			15.257	0.97	0.979	0.974	0.976
864	864	65			15.034	0.96	0.981	0.96	0.982
896	0	65			15.252	0.984	0.985	1	0.998
896	896	65			14.885	0.962	0.976	0.976	0.976
928	0	65			17.47	0.971	1.005	0.977	0.979
928	928	65			17.118	0.96	0.948	0.971	0.939
960	0	65			17.354	0.984	0.998	0.99	0.999
960	960	65			16.909	0.973	0.974	0.974	0.974
992	0	65			17.364	0.955	0.973	0.999	0.977
992	992	65			16.934	0.95	0.976	0.954	0.97
14	1	65			4.177	0.972	0.834	0.964	0.938
1024	3	65			21.006	1	0.999	0.999	0.999
64	4	65			2.817	0.916	0.866	0.723	0.843
25	2	65			3.792	0.852	0.852	0.852	0.852
1	0	130			4.392	0.959	0.986	0.959	0.877
2	0	130			4.511	0.973	1.013	1.013	0.811
4	0	130			4.268	0.853	0.959	0.959	0.876
8	0	130			4.21	0.949	0.841	0.946	0.946
16	0	130			3.898	0.882	0.875	0.875	0.876
32	0	130			2.977	0.969	0.891	0.764	0.915
64	0	130			3.072	0.973	0.919	0.788	0.919
128	0	130			4.389	1.029	1.126	1.117	0.986
256	0	130			5.007	0.807	0.819	0.819	0.871
512	0	130			8.959	0.951	0.97	0.975	0.975
1024	0	130			17.367	0.974	0.998	1	1
2048	0	130			33.316	0.983	0.975	0.977	0.975

4096	0	130			77.013	0.971	0.985	0.986	0.97
8192	0	130			143.504	0.994	0.992	0.991	0.984
16384	0	130			275.225	0.988	0.989	0.989	0.987
32768	0	130			538.543	0.986	0.989	0.989	0.988
65536	0	130			1726.66	0.968	0.988	0.984	0.988
131072	0	130			3722.585	0.975	0.99	0.994	0.981
1	1	130			4.008	0.933	0.975	0.968	0.845
1	4095	130			3.727	0.977	0.977	0.985	0.869
2	2	130			4.085	0.891	0.994	0.994	0.796
2	4094	130			3.882	0.988	1.041	1.029	0.815
2	4095	130			12.551	0.504	0.505	0.502	0.5
3	3	130			4.247	1.038	1.058	1.061	0.87
3	4093	130			3.882	0.977	1.041	1.041	0.834
3	4095	130			12.386	0.874	0.875	0.871	0.824
3	0	130			4.173	0.975	1.015	1.028	0.813
4	4	130			4.331	0.923	1	1	0.889
4	4092	130			3.727	0.868	0.977	0.977	0.868
4	4095	130			23.24	0.931	0.947	0.933	0.976
5	5	130			3.817	0.885	0.941	0.934	0.847
5	4091	130			3.643	0.869	0.977	0.955	0.859
5	4095	130			12.409	0.901	0.9	0.906	0.877
5	0	130			4.007	0.881	0.975	0.975	0.867
6	6	130			4.231	0.877	0.95	0.95	0.868
6	4090	130			3.727	0.869	0.977	0.977	0.869
6	4095	130			12.384	0.907	0.907	0.907	0.875
6	0	130			4.006	0.923	0.984	0.987	0.878
7	7	130			4.275	0.935	0.963	0.986	0.877
7	4089	130			3.727	0.869	0.977	0.977	0.868
7	4095	130			12.384	0.907	0.907	0.907	0.874
7	0	130			4.007	0.878	0.987	0.987	0.867
8	8	130			4.152	0.958	0.852	0.958	0.958
8	4088	130			3.573	0.956	0.832	0.936	0.936
8	4095	130			23.241	0.93	0.97	0.953	0.965
9	9	130			3.761	0.971	0.855	0.962	0.962

9	4087	130			3.572	0.977	0.852	0.958	0.958
9	4095	130			12.385	0.875	0.875	0.897	0.9
9	0	130			3.841	0.971	0.831	0.935	0.946
10	10	130			4.152	0.973	0.848	0.958	0.958
10	4086	130			3.573	0.977	0.832	0.936	0.936
10	4095	130			12.384	0.875	0.875	0.907	0.907
10	0	130			3.84	0.975	0.831	0.928	0.958
11	11	130			4.048	0.964	0.831	0.935	0.934
11	4085	130			3.572	0.977	0.832	0.936	0.936
11	4095	130			12.384	0.875	0.875	0.907	0.907
11	0	130			3.93	0.994	0.85	0.965	0.966
12	12	130			4.151	0.973	0.852	0.958	0.958
12	4084	130			3.573	0.956	0.833	0.936	0.936
12	4095	130			12.384	0.875	0.897	0.907	0.907
12	0	130			3.84	0.958	0.831	0.934	0.935
13	13	130			4.152	0.966	0.852	0.958	0.959
13	4083	130			3.491	0.932	0.814	0.915	0.915
13	4095	130			12.384	0.875	0.875	0.907	0.907
13	0	130			3.939	0.983	0.852	0.983	0.983
14	14	130			4.152	0.959	0.852	0.958	0.958
14	4082	130			3.573	0.956	0.832	0.936	0.936
14	4095	130			12.384	0.875	0.875	0.907	0.907
14	0	130			3.841	0.959	0.831	0.958	0.958
15	15	130			4.166	0.969	0.855	0.962	0.962
15	4081	130			3.572	0.945	0.832	0.936	0.936
15	4095	130			12.384	0.875	0.875	0.906	0.886
15	0	130			3.841	0.954	0.831	0.935	0.935
16	16	130			3.792	0.876	0.875	0.875	0.855
16	4080	130			3.129	0.879	0.878	0.878	0.866
16	4095	130			23.208	0.929	0.949	0.945	0.979
17	17	130			3.423	0.876	0.876	0.87	0.876
17	4079	130			3.189	0.856	0.875	0.856	0.865
17	4095	130			12.384	0.907	0.907	0.907	0.896
17	0	130			3.619	0.893	0.881	0.903	0.881

18	18	130			3.793	0.876	0.876	0.875	0.876
18	4078	130			3.264	0.855	0.855	0.855	0.855
18	4095	130			12.384	0.907	0.907	0.907	0.907
18	0	130			3.552	0.88	0.883	0.864	0.886
19	19	130			3.792	0.876	0.854	0.875	0.876
19	4077	130			3.265	0.863	0.855	0.855	0.856
19	4095	130			12.384	0.907	0.907	0.907	0.905
19	0	130			3.627	0.905	0.894	0.905	0.896
20	20	130			3.806	0.855	0.855	0.855	0.855
20	4076	130			3.274	0.876	0.858	0.858	0.858
20	4095	130			12.384	0.907	0.907	0.907	0.907
20	0	130			3.508	0.876	0.864	0.861	0.875
21	21	130			3.848	0.895	0.888	0.888	0.888
21	4075	130			3.274	0.858	0.858	0.858	0.858
21	4095	130			12.384	0.907	0.907	0.907	0.907
21	0	130			3.636	0.892	0.879	0.885	0.885
22	22	130			3.792	0.861	0.852	0.852	0.864
22	4074	130			3.302	0.865	0.865	0.865	0.865
22	4095	130			12.384	0.907	0.906	0.907	0.907
22	0	130			3.508	0.869	0.854	0.854	0.875
23	23	130			3.843	0.894	0.863	0.887	0.863
23	4073	130			3.263	0.855	0.855	0.855	0.855
23	4095	130			12.384	0.907	0.907	0.907	0.907
23	0	130			3.613	0.898	0.879	0.879	0.902
24	24	130			3.793	0.864	0.864	0.863	0.876
24	4072	130			3.274	0.858	0.858	0.858	0.858
24	4095	130			12.384	0.907	0.907	0.907	0.907
24	0	130			3.615	0.902	0.88	0.902	0.88
25	25	130			3.845	0.888	0.888	0.888	0.888
25	4071	130			3.263	0.873	0.855	0.855	0.855
25	4095	130			12.384	0.907	0.907	0.906	0.907
25	0	130			3.645	0.898	0.887	0.91	0.91
26	26	130			3.897	0.913	0.875	0.875	0.875
26	4070	130			3.341	0.876	0.876	0.876	0.876

26	4095	130			12.384	0.906	0.907	0.907	0.907
26	0	130			3.665	0.915	0.892	0.907	0.903
27	27	130			3.806	0.864	0.875	0.879	0.855
27	4069	130			3.274	0.858	0.858	0.858	0.858
27	4095	130			12.383	0.907	0.906	0.906	0.907
27	0	130			3.717	0.928	0.904	0.928	0.904
28	28	130			3.792	0.875	0.852	0.87	0.852
28	4068	130			3.263	0.855	0.855	0.855	0.855
28	4095	130			12.384	0.907	0.907	0.907	0.907
28	0	130			3.688	0.903	0.897	0.92	0.92
29	29	130			3.792	0.887	0.861	0.852	0.852
29	4067	130			3.264	0.855	0.855	0.855	0.855
29	4095	130			12.384	0.907	0.907	0.907	0.907
29	0	130			3.598	0.898	0.876	0.876	0.876
30	30	130			3.792	0.876	0.876	0.875	0.876
30	4066	130			3.341	0.876	0.875	0.875	0.876
30	4095	130			12.384	0.907	0.905	0.907	0.907
30	0	130			3.733	0.932	0.908	0.931	0.931
31	31	130			3.883	0.899	0.872	0.872	0.872
31	4065	130			3.263	0.855	0.855	0.855	0.855
31	4095	130			12.384	0.907	0.906	0.907	0.907
31	0	130			3.623	0.904	0.882	0.882	0.904
32	32	130			3.004	0.978	0.924	0.792	0.948
32	4064	130			2.379	0.921	0.87	0.746	0.87
32	4095	130			23.777	0.976	0.951	0.955	0.961
33	33	130			2.744	1.001	0.934	0.772	0.935
33	4063	130			2.342	0.876	0.837	0.718	0.837
33	4095	130			12.405	0.894	0.899	0.901	0.904
33	0	130			2.842	1	0.945	0.799	0.945
34	34	130			3.032	0.987	0.919	0.778	0.932
34	4062	130			2.352	0.869	0.821	0.704	0.821
34	4095	130			12.545	0.918	0.918	0.918	0.918
34	0	130			2.842	0.988	0.944	0.79	0.943
35	35	130			3.056	0.994	0.914	0.794	0.914

35	4061	130			2.39	0.892	0.834	0.715	0.834
35	4095	130			12.385	0.907	0.907	0.907	0.89
35	0	130			2.842	0.975	0.929	0.79	0.939
36	36	130			3.005	0.98	0.924	0.771	0.924
36	4060	130			2.362	0.873	0.824	0.707	0.824
36	4095	130			12.386	0.907	0.907	0.907	0.907
36	0	130			2.842	0.983	0.921	0.79	0.921
37	37	130			3.073	1	0.932	0.788	0.945
37	4059	130			2.444	0.903	0.853	0.732	0.853
37	4095	130			12.384	0.907	0.907	0.907	0.907
37	0	130			2.842	0.986	0.921	0.777	0.945
38	38	130			3.073	1	0.919	0.788	0.919
38	4058	130			2.362	0.873	0.824	0.707	0.824
38	4095	130			12.385	0.907	0.888	0.907	0.907
38	0	130			2.842	0.986	0.921	0.79	0.945
39	39	130			3.037	0.988	0.909	0.779	0.909
39	4057	130			2.584	0.955	0.902	0.773	0.902
39	4095	130			12.405	0.908	0.908	0.908	0.908
39	0	130			2.842	1	0.921	0.79	0.921
40	40	130			3.058	0.968	0.915	0.785	0.915
40	4056	130			2.487	0.919	0.868	0.744	0.868
40	4095	130			12.499	0.915	0.915	0.915	0.915
40	0	130			2.816	0.991	0.935	0.801	0.936
41	41	130			3.072	1	0.919	0.788	0.919
41	4055	130			2.423	0.895	0.846	0.725	0.846
41	4095	130			12.395	0.907	0.872	0.907	0.907
41	0	130			2.842	0.975	0.921	0.79	0.945
42	42	130			3.072	1	0.919	0.788	0.919
42	4054	130			2.461	0.909	0.859	0.737	0.859
42	4095	130			12.386	0.906	0.907	0.907	0.907
42	0	130			2.842	1	0.933	0.79	0.945
43	43	130			3.061	0.996	0.941	0.803	0.941
43	4053	130			2.345	0.867	0.819	0.702	0.818
43	4095	130			12.396	0.907	0.907	0.898	0.907

43	0	130			2.842	1	0.921	0.801	0.945
44	44	130			3.032	0.987	0.907	0.799	0.931
44	4052	130			2.488	0.919	0.868	0.745	0.868
44	4095	130			12.384	0.907	0.907	0.907	0.907
44	0	130			2.814	0.992	0.912	0.782	0.935
45	45	130			3.073	1	0.944	0.808	0.945
45	4051	130			2.457	0.908	0.858	0.736	0.858
45	4095	130			12.384	0.907	0.907	0.907	0.907
45	0	130			2.842	1	0.944	0.79	0.921
46	46	130			3.072	1	0.945	0.81	0.945
46	4050	130			2.546	0.941	0.889	0.762	0.889
46	4095	130			12.394	0.907	0.907	0.907	0.907
46	0	130			2.842	1.002	0.921	0.79	0.943
47	47	130			3.072	1	0.919	0.788	0.93
47	4049	130			2.584	0.955	0.902	0.773	0.902
47	4095	130			12.384	0.907	0.907	0.907	0.907
47	0	130			2.842	1	0.921	0.79	0.94
48	48	130			3.072	0.986	0.919	0.788	0.919
48	4048	130			2.431	0.941	0.889	0.762	0.879
48	4095	130			12.384	0.907	0.907	0.907	0.907
48	0	130			2.831	0.996	0.941	0.787	0.941
49	49	130			3.072	1.011	0.944	0.809	0.945
49	4047	130			2.517	0.931	0.879	0.754	0.879
49	4095	130			12.384	0.907	0.881	0.907	0.907
49	0	130			2.842	1	0.921	0.79	0.944
50	50	130			3.032	0.987	0.907	0.778	0.932
50	4046	130			2.397	0.886	0.837	0.718	0.837
50	4095	130			12.385	0.907	0.907	0.907	0.906
50	0	130			2.842	1.006	0.944	0.79	0.941
51	51	130			2.992	0.987	0.92	0.789	0.92
51	4045	130			2.39	0.883	0.834	0.715	0.834
51	4095	130			12.396	0.907	0.889	0.907	0.907
51	0	130			2.842	1	0.921	0.81	0.945
52	52	130			3.033	0.987	0.907	0.799	0.945

52	4044	130			2.394	0.884	0.835	0.716	0.835
52	4095	130			12.384	0.907	0.907	0.907	0.907
52	0	130			2.842	1	0.921	0.79	0.945
53	53	130			3.073	0.973	0.919	0.788	0.919
53	4043	130			2.584	0.955	0.902	0.773	0.902
53	4095	130			12.386	0.907	0.907	0.907	0.907
53	0	130			2.842	0.996	0.921	0.79	0.943
54	54	130			3.027	0.985	0.931	0.777	0.931
54	4042	130			2.39	0.883	0.834	0.715	0.834
54	4095	130			12.384	0.907	0.884	0.907	0.907
54	0	130			2.842	1	0.921	0.788	0.945
55	55	130			3.048	0.992	0.912	0.782	0.912
55	4041	130			2.584	0.957	0.902	0.773	0.902
55	4095	130			12.384	0.907	0.907	0.907	0.907
55	0	130			2.773	1.018	0.899	0.771	0.916
56	56	130			3.073	0.98	0.919	0.788	0.945
56	4040	130			2.534	0.936	0.884	0.758	0.884
56	4095	130			12.384	0.907	0.907	0.907	0.906
56	0	130			2.842	1	0.945	0.79	0.945
57	57	130			3.072	1	0.919	0.788	0.944
57	4039	130			2.5	0.924	0.873	0.748	0.873
57	4095	130			12.384	0.907	0.907	0.907	0.889
57	0	130			2.842	0.987	0.924	0.803	0.945
58	58	130			3.073	1	0.919	0.788	0.941
58	4038	130			2.527	0.933	0.882	0.756	0.882
58	4095	130			12.384	0.907	0.907	0.907	0.907
58	0	130			2.842	1	0.944	0.79	0.945
59	59	130			3.05	0.993	0.913	0.804	0.938
59	4037	130			2.419	0.894	0.844	0.724	0.844
59	4095	130			12.406	0.908	0.894	0.908	0.908
59	0	130			2.842	0.99	0.921	0.79	0.945
60	60	130			2.992	0.974	0.919	0.789	0.92
60	4036	130			2.491	0.92	0.869	0.746	0.869
60	4095	130			12.384	0.907	0.907	0.907	0.907

60	0	130			2.842	0.999	0.921	0.79	0.945
61	61	130			3.072	0.986	0.919	0.788	0.919
61	4035	130			2.578	0.952	0.9	0.772	0.9
61	4095	130			12.384	0.907	0.907	0.907	0.907
61	0	130			2.842	0.987	0.921	0.81	0.933
62	62	130			3.072	1	0.944	0.788	0.919
62	4034	130			2.406	0.889	0.84	0.72	0.84
62	4095	130			12.384	0.907	0.907	0.907	0.906
62	0	130			2.833	0.994	0.918	0.786	0.918
63	63	130			2.992	0.974	0.92	0.789	0.92
63	4033	130			2.488	0.919	0.868	0.745	0.868
63	4095	130			12.385	0.907	0.907	0.907	0.907
63	0	130			2.842	1	0.944	0.79	0.921
64	64	130			3.073	0.973	0.919	0.788	0.945
96	0	130			4.39	1.065	1.095	1.126	0.986
96	96	130			4.267	1	1.095	1.095	0.958
128	128	130			4.361	1.088	1.088	1.088	0.952
160	0	130			5.094	0.81	0.833	0.806	0.862
160	160	130			5.007	0.796	0.819	0.794	0.846
192	0	130			5.007	0.796	0.819	0.796	0.864
192	192	130			5.007	0.796	0.817	0.796	0.847
224	0	130			5.007	0.796	0.819	0.796	0.862
224	224	130			5.007	0.796	0.819	0.796	0.858
256	256	130			4.872	0.797	0.797	0.794	0.845
288	0	130			7.225	1	1	1	1
288	288	130			7.03	0.973	0.973	0.973	0.973
320	0	130			7.225	1	1	1	1
320	320	130			7.03	0.973	0.973	0.973	0.973
352	0	130			7.043	0.975	0.975	0.975	0.975
352	352	130			7.03	0.973	0.973	0.973	0.973
384	0	130			7.03	0.973	1	0.973	0.983
384	384	130			7.03	0.973	1	0.995	1
416	0	130			9.189	0.973	1	1	1
416	416	130			9.904	1.049	0.916	1.078	1.078

448	0	130			9.189	1	1	1	1
448	448	130			8.948	0.974	0.974	0.974	0.974
480	0	130			8.983	0.977	0.978	0.977	0.978
480	480	130			8.948	0.974	0.974	0.974	0.974
512	512	130			8.947	0.974	0.976	0.974	0.974
544	0	130			11.318	0.997	0.997	0.997	0.997
544	544	130			11.06	0.975	0.957	0.973	0.975
576	0	130			11.05	0.974	0.999	0.997	0.995
576	576	130			11.016	0.97	0.973	0.973	0.972
608	0	130			11.062	0.975	0.973	0.975	0.975
608	608	130			11.048	0.974	0.973	0.972	0.971
640	0	130			11.049	0.998	0.999	0.976	0.983
640	640	130			11.028	0.979	0.975	0.971	0.972
672	0	130			13.165	0.975	0.975	0.974	0.975
672	672	130			13.177	0.974	0.976	0.974	0.976
704	0	130			13.152	0.975	0.996	0.987	0.988
704	704	130			13.082	0.968	0.992	0.97	0.985
736	0	130			13.163	0.975	0.975	0.973	0.974
736	736	130			13.141	0.973	0.973	0.972	0.973
768	0	130			13.15	0.999	0.997	0.999	0.997
768	768	130			12.843	0.951	0.967	0.951	0.952
800	0	130			15.386	0.982	0.982	0.982	0.98
800	800	130			15.252	0.974	0.974	0.974	0.974
832	0	130			14.968	0.98	0.99	0.98	0.982
832	832	130			14.991	0.967	0.978	0.967	0.969
864	0	130			15.288	0.975	0.99	0.968	0.975
864	864	130			15.15	0.967	0.939	0.962	0.957
896	0	130			15.252	0.997	0.955	0.975	0.998
896	896	130			14.887	0.963	0.923	0.939	0.944
928	0	130			17.706	0.993	0.971	0.979	0.971
928	928	130			17.323	0.972	0.988	0.973	0.971
960	0	130			17.354	0.998	0.999	0.999	0.99
960	960	130			16.934	0.934	0.976	0.976	0.976
992	0	130			17.373	0.973	0.977	0.971	0.958

992	992	130			16.933	0.974	0.975	0.95	0.965
14	1	130			4.152	0.959	0.852	0.958	0.933
1024	3	130			21.006	0.999	0.999	0.999	0.999
64	4	130			2.941	0.957	0.88	0.755	0.904
25	2	130			3.839	0.862	0.862	0.862	0.862
1056	0	195			19.484	0.974	0.975	0.975	0.98
1056	33	195			21.005	0.984	0.999	0.999	0.999
1184	0	195			21.586	1	0.993	0.992	0.988
1184	37	195			23.064	0.999	1	1	1
1312	0	195			24.146	0.997	0.994	0.998	0.999
1312	41	195			25.101	0.97	0.974	0.983	0.976
1440	0	195			26.007	0.988	0.987	0.986	0.988
1440	45	195			27.084	0.988	0.996	0.991	0.981
1568	0	195			27.863	0.975	0.978	0.976	0.978
1568	49	195			29.045	0.973	0.994	0.974	0.976
1696	0	195			29.965	0.989	0.997	0.983	0.984
1696	53	195			30.998	0.965	0.99	0.975	0.988
1824	0	195			31.903	0.968	0.98	0.993	0.969
1824	57	195			32.967	0.966	0.969	0.97	0.968
1952	0	195			33.594	0.983	0.983	0.971	0.977
1952	61	195			34.833	0.972	0.986	0.983	0.974
2080	0	195			47.853	0.998	0.993	0.989	0.987
2080	65	195			61.934	0.962	0.974	0.96	0.955
2208	0	195			49.914	0.982	0.989	0.978	0.974
2208	69	195			64.927	0.975	0.975	0.975	0.967
2336	0	195			51.651	0.992	0.992	0.982	0.982
2336	73	195			67.923	0.975	0.975	0.968	0.968
2464	0	195			53.794	0.977	0.989	0.975	0.975
2464	77	195			70.64	0.975	0.973	0.971	0.964
2592	0	195			55.651	0.975	0.981	0.976	0.973
2592	81	195			73.434	0.956	0.971	0.966	0.966
2720	0	195			57.695	0.975	0.983	0.976	0.971
2720	85	195			76.148	0.965	0.973	0.974	0.97
2848	0	195			59.608	0.99	0.987	0.983	0.976

2848	89	195			79.92	0.965	0.969	0.974	0.97
2976	0	195			61.991	0.983	0.987	0.984	0.977
2976	93	195			81.722	0.959	0.965	0.961	0.96
3104	0	195			63.847	0.98	0.979	0.977	0.973
3104	97	195			84.082	0.96	0.961	0.961	0.954
3232	0	195			65.984	0.988	0.992	0.986	0.985
3232	101	195			87.641	0.959	0.967	0.963	0.957
3360	0	195			67.847	0.984	0.99	0.982	0.977
3360	105	195			89.983	0.962	0.963	0.956	0.959
3488	0	195			70.597	0.988	0.994	0.991	0.987
3488	109	195			93.592	0.957	0.96	0.962	0.959
3616	0	195			72.49	0.989	0.992	0.989	0.982
3616	113	195			96.06	0.964	0.964	0.964	0.956
3744	0	195			74.668	0.978	0.986	0.978	0.975
3744	117	195			99.293	0.962	0.97	0.968	0.961
3872	0	195			76.556	0.987	0.993	0.991	0.981
3872	121	195			101.956	0.964	0.967	0.964	0.959
4000	0	195			78.977	0.982	0.992	0.992	0.986
4000	125	195			116.902	0.956	0.973	0.969	0.969
4128	0	195			80.848	0.981	0.988	0.981	0.97
4128	129	195			117.641	0.958	0.964	0.962	0.954
4256	0	195			82.927	0.969	0.982	0.975	0.974
4256	133	195			119.245	0.963	0.965	0.96	0.959
4384	0	195			84.76	0.973	0.985	0.976	0.978
4384	137	195			119.428	0.959	0.965	0.963	0.956
4512	0	195			86.982	0.989	0.988	0.99	0.977
4512	141	195			121.15	0.961	0.963	0.969	0.963
4640	0	195			88.948	0.978	0.992	0.991	0.981
4640	145	195			123.891	0.96	0.962	0.967	0.963
4768	0	195			91.194	0.98	0.991	0.991	0.98
4768	149	195			140.716	0.957	0.961	0.961	0.958
4896	0	195			93.76	0.978	0.984	0.986	0.987
4896	153	195			137.719	0.964	0.965	0.967	0.963
5024	0	195			96.323	0.969	0.983	0.984	0.979

5024	157	195			137.255	0.958	0.961	0.961	0.958
5152	0	195			97.389	0.977	0.982	0.981	0.976
5152	161	195			137.608	0.963	0.963	0.965	0.963
5280	0	195			99.558	0.977	0.989	0.988	0.981
5280	165	195			138.846	0.961	0.961	0.962	0.961
5408	0	195			101.346	0.974	0.981	0.979	0.973
5408	169	195			141.686	0.959	0.965	0.967	0.962
5536	0	195			103.647	0.97	0.984	0.979	0.977
5536	173	195			144.248	0.959	0.964	0.961	0.959
5664	0	195			105.425	0.966	0.978	0.976	0.973
5664	177	195			147.157	0.959	0.969	0.971	0.959
5792	0	195			107.729	0.968	0.982	0.981	0.975
5792	181	195			150.495	0.959	0.964	0.973	0.96
5920	0	195			109.883	0.99	0.988	0.984	0.978
5920	185	195			153.263	0.96	0.977	0.974	0.962
6048	0	195			111.99	0.967	0.986	0.982	0.976
6048	189	195			156.097	0.954	0.962	0.972	0.957
6176	0	195			113.735	0.979	0.984	0.985	0.975
6176	193	195			158.548	0.972	0.972	0.976	0.972
6304	0	195			116.011	0.971	0.982	0.982	0.979
6304	197	195			161.284	0.959	0.974	0.975	0.959
6432	0	195			117.956	0.987	0.989	0.981	0.977
6432	201	195			164.572	0.975	0.972	0.975	0.973
6560	0	195			120.163	0.965	0.985	0.981	0.976
6560	205	195			167.129	0.959	0.963	0.967	0.957
6688	0	195			122.053	0.986	0.985	0.984	0.978
6688	209	195			170.05	0.973	0.972	0.973	0.971
6816	0	195			124.294	0.97	0.983	0.983	0.975
6816	213	195			173.062	0.96	0.965	0.972	0.962
6944	0	195			126.123	0.965	0.985	0.98	0.974
6944	217	195			176.424	0.975	0.974	0.978	0.974
7072	0	195			128.482	0.982	0.986	0.986	0.977
7072	221	195			179.294	0.974	0.974	0.977	0.975
7200	0	195			130.378	0.985	0.988	0.985	0.978

7200	225	195			182.267	0.973	0.972	0.972	0.972
7328	0	195			132.629	0.97	0.987	0.981	0.974
7328	229	195			185.293	0.972	0.972	0.973	0.973
7456	0	195			134.47	0.97	0.982	0.98	0.97
7456	233	195			188.084	0.971	0.972	0.973	0.972
7584	0	195			137.06	0.985	0.988	0.987	0.982
7584	237	195			191.039	0.972	0.972	0.973	0.97
7712	0	195			138.469	0.986	0.984	0.983	0.979
7712	241	195			193.927	0.972	0.972	0.972	0.972
7840	0	195			141.061	0.973	0.987	0.986	0.976
7840	245	195			196.852	0.973	0.971	0.973	0.972
7968	0	195			142.728	0.983	0.987	0.985	0.979
7968	249	195			214.572	0.961	0.961	0.96	0.959
8096	0	195			145.588	0.976	0.989	0.987	0.977
8096	253	195			219.262	0.961	0.976	0.981	0.979