

F 检验临界值表 (2b)

自由度	自变量数目 (m)										显著性水平: $\alpha=0.05$
(df)	11	12	13	14	15	16	17	18	19	20	
$n-m-1$											
1	242.983	243.906	244.690	245.364	245.950	246.464	246.918	247.323	247.686	248.013	
2	19.405	19.413	19.419	19.424	19.429	19.433	19.437	19.440	19.443	19.446	
3	8.763	8.745	8.729	8.715	8.703	8.692	8.683	8.675	8.667	8.660	
4	5.936	5.912	5.891	5.873	5.858	5.844	5.832	5.821	5.811	5.803	
5	4.704	4.678	4.655	4.636	4.619	4.604	4.590	4.579	4.568	4.558	
6	4.027	4.000	3.976	3.956	3.938	3.922	3.908	3.896	3.884	3.874	
7	3.603	3.575	3.550	3.529	3.511	3.494	3.480	3.467	3.455	3.445	
8	3.313	3.284	3.259	3.237	3.218	3.202	3.187	3.173	3.161	3.150	
9	3.102	3.073	3.048	3.025	3.006	2.989	2.974	2.960	2.948	2.936	
10	2.943	2.913	2.887	2.865	2.845	2.828	2.812	2.798	2.785	2.774	
11	2.818	2.788	2.761	2.739	2.719	2.701	2.685	2.671	2.658	2.646	
12	2.717	2.687	2.660	2.637	2.617	2.599	2.583	2.568	2.555	2.544	
13	2.635	2.604	2.577	2.554	2.533	2.515	2.499	2.484	2.471	2.459	
14	2.565	2.534	2.507	2.484	2.463	2.445	2.428	2.413	2.400	2.388	
15	2.507	2.475	2.448	2.424	2.403	2.385	2.368	2.353	2.340	2.328	
16	2.456	2.425	2.397	2.373	2.352	2.333	2.317	2.302	2.288	2.276	
17	2.413	2.381	2.353	2.329	2.308	2.289	2.272	2.257	2.243	2.230	
18	2.374	2.342	2.314	2.290	2.269	2.250	2.233	2.217	2.203	2.191	
19	2.340	2.308	2.280	2.256	2.234	2.215	2.198	2.182	2.168	2.155	
20	2.310	2.278	2.250	2.225	2.203	2.184	2.167	2.151	2.137	2.124	
21	2.283	2.250	2.222	2.197	2.176	2.156	2.139	2.123	2.109	2.096	
22	2.259	2.226	2.198	2.173	2.151	2.131	2.114	2.098	2.084	2.071	
23	2.236	2.204	2.175	2.150	2.128	2.109	2.091	2.075	2.061	2.048	
24	2.216	2.183	2.155	2.130	2.108	2.088	2.070	2.054	2.040	2.027	
25	2.198	2.165	2.136	2.111	2.089	2.069	2.051	2.035	2.021	2.007	
26	2.181	2.148	2.119	2.094	2.072	2.052	2.034	2.018	2.003	1.990	
27	2.166	2.132	2.103	2.078	2.056	2.036	2.018	2.002	1.987	1.974	
28	2.151	2.118	2.089	2.064	2.041	2.021	2.003	1.987	1.972	1.959	
29	2.138	2.104	2.075	2.050	2.027	2.007	1.989	1.973	1.958	1.945	
30	2.126	2.092	2.063	2.037	2.015	1.995	1.976	1.960	1.945	1.932	
31	2.114	2.080	2.051	2.026	2.003	1.983	1.965	1.948	1.933	1.920	
32	2.103	2.070	2.040	2.015	1.992	1.972	1.953	1.937	1.922	1.908	
33	2.093	2.060	2.030	2.004	1.982	1.961	1.943	1.926	1.911	1.898	
34	2.084	2.050	2.021	1.995	1.972	1.952	1.933	1.917	1.902	1.888	
35	2.075	2.041	2.012	1.986	1.963	1.942	1.924	1.907	1.892	1.878	
36	2.067	2.033	2.003	1.977	1.954	1.934	1.915	1.899	1.883	1.870	
37	2.059	2.025	1.995	1.969	1.946	1.926	1.907	1.890	1.875	1.861	
38	2.051	2.017	1.988	1.962	1.939	1.918	1.899	1.883	1.867	1.853	
39	2.044	2.010	1.981	1.954	1.931	1.911	1.892	1.875	1.860	1.846	
40	2.038	2.003	1.974	1.948	1.924	1.904	1.885	1.868	1.853	1.839	
41	2.031	1.997	1.967	1.941	1.918	1.897	1.879	1.862	1.846	1.832	

42	2.025	1.991	1.961	1.935	1.912	1.891	1.872	1.855	1.840	1.826
43	2.020	1.985	1.955	1.929	1.906	1.885	1.866	1.849	1.834	1.820
44	2.014	1.980	1.950	1.924	1.900	1.879	1.861	1.844	1.828	1.814
45	2.009	1.974	1.945	1.918	1.895	1.874	1.855	1.838	1.823	1.808
46	2.004	1.969	1.940	1.913	1.890	1.869	1.850	1.833	1.817	1.803
47	1.999	1.965	1.935	1.908	1.885	1.864	1.845	1.828	1.812	1.798
48	1.995	1.960	1.930	1.904	1.880	1.859	1.840	1.823	1.807	1.793
49	1.990	1.956	1.926	1.899	1.876	1.855	1.836	1.819	1.803	1.789
50	1.986	1.952	1.921	1.895	1.871	1.850	1.831	1.814	1.798	1.784
51	1.982	1.947	1.917	1.891	1.867	1.846	1.827	1.810	1.794	1.780
52	1.978	1.944	1.913	1.887	1.863	1.842	1.823	1.806	1.790	1.776
53	1.975	1.940	1.910	1.883	1.859	1.838	1.819	1.802	1.786	1.772
54	1.971	1.936	1.906	1.879	1.856	1.835	1.816	1.798	1.782	1.768
55	1.968	1.933	1.903	1.876	1.852	1.831	1.812	1.795	1.779	1.764
56	1.964	1.930	1.899	1.873	1.849	1.828	1.809	1.791	1.775	1.761
57	1.961	1.926	1.896	1.869	1.846	1.824	1.805	1.788	1.772	1.757
58	1.958	1.923	1.893	1.866	1.842	1.821	1.802	1.785	1.769	1.754
59	1.955	1.920	1.890	1.863	1.839	1.818	1.799	1.781	1.766	1.751
60	1.952	1.917	1.887	1.860	1.836	1.815	1.796	1.778	1.763	1.748
61	1.949	1.915	1.884	1.857	1.834	1.812	1.793	1.776	1.760	1.745
62	1.947	1.912	1.882	1.855	1.831	1.809	1.790	1.773	1.757	1.742
63	1.944	1.909	1.879	1.852	1.828	1.807	1.787	1.770	1.754	1.739
64	1.942	1.907	1.876	1.849	1.826	1.804	1.785	1.767	1.751	1.737
65	1.939	1.904	1.874	1.847	1.823	1.802	1.782	1.765	1.749	1.734
66	1.937	1.902	1.871	1.845	1.821	1.799	1.780	1.762	1.746	1.732
67	1.935	1.900	1.869	1.842	1.818	1.797	1.777	1.760	1.744	1.729
68	1.932	1.897	1.867	1.840	1.816	1.795	1.775	1.758	1.742	1.727
69	1.930	1.895	1.865	1.838	1.814	1.792	1.773	1.755	1.739	1.725
70	1.928	1.893	1.863	1.836	1.812	1.790	1.771	1.753	1.737	1.722
71	1.926	1.891	1.861	1.834	1.810	1.788	1.769	1.751	1.735	1.720
72	1.924	1.889	1.859	1.832	1.808	1.786	1.767	1.749	1.733	1.718
73	1.922	1.887	1.857	1.830	1.806	1.784	1.765	1.747	1.731	1.716
74	1.921	1.885	1.855	1.828	1.804	1.782	1.763	1.745	1.729	1.714
75	1.919	1.884	1.853	1.826	1.802	1.780	1.761	1.743	1.727	1.712
76	1.917	1.882	1.851	1.824	1.800	1.778	1.759	1.741	1.725	1.710
77	1.915	1.880	1.849	1.822	1.798	1.777	1.757	1.739	1.723	1.708
78	1.914	1.878	1.848	1.821	1.797	1.775	1.755	1.738	1.721	1.707
79	1.912	1.877	1.846	1.819	1.795	1.773	1.754	1.736	1.720	1.705
80	1.910	1.875	1.845	1.817	1.793	1.772	1.752	1.734	1.718	1.703
81	1.909	1.874	1.843	1.816	1.792	1.770	1.750	1.733	1.716	1.702
82	1.907	1.872	1.841	1.814	1.790	1.768	1.749	1.731	1.715	1.700
83	1.906	1.871	1.840	1.813	1.789	1.767	1.747	1.729	1.713	1.698
84	1.905	1.869	1.838	1.811	1.787	1.765	1.746	1.728	1.712	1.697
85	1.903	1.868	1.837	1.810	1.786	1.764	1.744	1.726	1.710	1.695
86	1.902	1.867	1.836	1.808	1.784	1.763	1.743	1.725	1.709	1.694
87	1.900	1.865	1.834	1.807	1.783	1.761	1.741	1.724	1.707	1.692
88	1.899	1.864	1.833	1.806	1.782	1.760	1.740	1.722	1.706	1.691

89	1.898	1.863	1.832	1.804	1.780	1.758	1.739	1.721	1.705	1.690
90	1.897	1.861	1.830	1.803	1.779	1.757	1.737	1.720	1.703	1.688
91	1.895	1.860	1.829	1.802	1.778	1.756	1.736	1.718	1.702	1.687
92	1.894	1.859	1.828	1.801	1.776	1.755	1.735	1.717	1.701	1.686
93	1.893	1.858	1.827	1.800	1.775	1.753	1.734	1.716	1.699	1.684
94	1.892	1.857	1.826	1.798	1.774	1.752	1.733	1.715	1.698	1.683
95	1.891	1.856	1.825	1.797	1.773	1.751	1.731	1.713	1.697	1.682
96	1.890	1.854	1.823	1.796	1.772	1.750	1.730	1.712	1.696	1.681
97	1.889	1.853	1.822	1.795	1.771	1.749	1.729	1.711	1.695	1.680
98	1.888	1.852	1.821	1.794	1.770	1.748	1.728	1.710	1.694	1.679
99	1.887	1.851	1.820	1.793	1.769	1.747	1.727	1.709	1.693	1.678
100	1.886	1.850	1.819	1.792	1.768	1.746	1.726	1.708	1.691	1.676
101	1.885	1.849	1.818	1.791	1.767	1.745	1.725	1.707	1.690	1.675
102	1.884	1.848	1.817	1.790	1.766	1.744	1.724	1.706	1.689	1.674
103	1.883	1.847	1.816	1.789	1.765	1.743	1.723	1.705	1.688	1.673
104	1.882	1.846	1.815	1.788	1.764	1.742	1.722	1.704	1.687	1.672
105	1.881	1.846	1.814	1.787	1.763	1.741	1.721	1.703	1.686	1.671
106	1.880	1.845	1.814	1.786	1.762	1.740	1.720	1.702	1.686	1.670
107	1.879	1.844	1.813	1.785	1.761	1.739	1.719	1.701	1.685	1.669
108	1.878	1.843	1.812	1.784	1.760	1.738	1.718	1.700	1.684	1.669
109	1.878	1.842	1.811	1.784	1.759	1.737	1.717	1.699	1.683	1.668
110	1.877	1.841	1.810	1.783	1.758	1.736	1.716	1.698	1.682	1.667
111	1.876	1.840	1.809	1.782	1.757	1.735	1.716	1.698	1.681	1.666
112	1.875	1.840	1.809	1.781	1.757	1.735	1.715	1.697	1.680	1.665
113	1.874	1.839	1.808	1.780	1.756	1.734	1.714	1.696	1.679	1.664
114	1.874	1.838	1.807	1.779	1.755	1.733	1.713	1.695	1.679	1.663
115	1.873	1.837	1.806	1.779	1.754	1.732	1.712	1.694	1.678	1.663
116	1.872	1.837	1.805	1.778	1.753	1.731	1.712	1.693	1.677	1.662
117	1.871	1.836	1.805	1.777	1.753	1.731	1.711	1.693	1.676	1.661
118	1.871	1.835	1.804	1.776	1.752	1.730	1.710	1.692	1.675	1.660
119	1.870	1.834	1.803	1.776	1.751	1.729	1.709	1.691	1.675	1.659
120	1.869	1.834	1.803	1.775	1.750	1.728	1.709	1.690	1.674	1.659
121	1.869	1.833	1.802	1.774	1.750	1.728	1.708	1.690	1.673	1.658
122	1.868	1.832	1.801	1.774	1.749	1.727	1.707	1.689	1.672	1.657
123	1.867	1.832	1.801	1.773	1.748	1.726	1.706	1.688	1.672	1.657
124	1.867	1.831	1.800	1.772	1.748	1.726	1.706	1.688	1.671	1.656
125	1.866	1.830	1.799	1.772	1.747	1.725	1.705	1.687	1.670	1.655
126	1.865	1.830	1.799	1.771	1.746	1.724	1.704	1.686	1.670	1.654
127	1.865	1.829	1.798	1.770	1.746	1.724	1.704	1.686	1.669	1.654
128	1.864	1.829	1.797	1.770	1.745	1.723	1.703	1.685	1.668	1.653
129	1.864	1.828	1.797	1.769	1.745	1.722	1.703	1.684	1.668	1.652
130	1.863	1.827	1.796	1.769	1.744	1.722	1.702	1.684	1.667	1.652
131	1.862	1.827	1.796	1.768	1.743	1.721	1.701	1.683	1.666	1.651
132	1.862	1.826	1.795	1.767	1.743	1.721	1.701	1.683	1.666	1.651
133	1.861	1.826	1.794	1.767	1.742	1.720	1.700	1.682	1.665	1.650
134	1.861	1.825	1.794	1.766	1.742	1.720	1.700	1.681	1.665	1.649
135	1.860	1.825	1.793	1.766	1.741	1.719	1.699	1.681	1.664	1.649

136	1.860	1.824	1.793	1.765	1.741	1.718	1.698	1.680	1.664	1.648
137	1.859	1.823	1.792	1.765	1.740	1.718	1.698	1.680	1.663	1.648
138	1.859	1.823	1.792	1.764	1.739	1.717	1.697	1.679	1.662	1.647
139	1.858	1.822	1.791	1.764	1.739	1.717	1.697	1.679	1.662	1.647
140	1.858	1.822	1.791	1.763	1.738	1.716	1.696	1.678	1.661	1.646
141	1.857	1.821	1.790	1.763	1.738	1.716	1.696	1.677	1.661	1.645
142	1.857	1.821	1.790	1.762	1.737	1.715	1.695	1.677	1.660	1.645
143	1.856	1.820	1.789	1.762	1.737	1.715	1.695	1.676	1.660	1.644
144	1.856	1.820	1.789	1.761	1.736	1.714	1.694	1.676	1.659	1.644
145	1.855	1.819	1.788	1.761	1.736	1.714	1.694	1.675	1.659	1.643
146	1.855	1.819	1.788	1.760	1.735	1.713	1.693	1.675	1.658	1.643
147	1.854	1.819	1.787	1.760	1.735	1.713	1.693	1.674	1.658	1.642
148	1.854	1.818	1.787	1.759	1.734	1.712	1.692	1.674	1.657	1.642
149	1.853	1.818	1.786	1.759	1.734	1.712	1.692	1.673	1.657	1.641
150	1.853	1.817	1.786	1.758	1.734	1.711	1.691	1.673	1.656	1.641
151	1.853	1.817	1.785	1.758	1.733	1.711	1.691	1.673	1.656	1.641
152	1.852	1.816	1.785	1.757	1.733	1.710	1.690	1.672	1.655	1.640
153	1.852	1.816	1.785	1.757	1.732	1.710	1.690	1.672	1.655	1.640
154	1.851	1.816	1.784	1.756	1.732	1.710	1.689	1.671	1.654	1.639
155	1.851	1.815	1.784	1.756	1.731	1.709	1.689	1.671	1.654	1.639
156	1.850	1.815	1.783	1.756	1.731	1.709	1.689	1.670	1.654	1.638
157	1.850	1.814	1.783	1.755	1.731	1.708	1.688	1.670	1.653	1.638
158	1.850	1.814	1.783	1.755	1.730	1.708	1.688	1.669	1.653	1.637
159	1.849	1.814	1.782	1.754	1.730	1.707	1.687	1.669	1.652	1.637
160	1.849	1.813	1.782	1.754	1.729	1.707	1.687	1.669	1.652	1.637
161	1.849	1.813	1.781	1.754	1.729	1.707	1.687	1.668	1.652	1.636
162	1.848	1.812	1.781	1.753	1.729	1.706	1.686	1.668	1.651	1.636
163	1.848	1.812	1.781	1.753	1.728	1.706	1.686	1.667	1.651	1.635
164	1.847	1.812	1.780	1.753	1.728	1.706	1.685	1.667	1.650	1.635
165	1.847	1.811	1.780	1.752	1.727	1.705	1.685	1.667	1.650	1.635
166	1.847	1.811	1.780	1.752	1.727	1.705	1.685	1.666	1.650	1.634
167	1.846	1.811	1.779	1.751	1.727	1.704	1.684	1.666	1.649	1.634
168	1.846	1.810	1.779	1.751	1.726	1.704	1.684	1.666	1.649	1.633
169	1.846	1.810	1.778	1.751	1.726	1.704	1.684	1.665	1.648	1.633
170	1.845	1.810	1.778	1.750	1.726	1.703	1.683	1.665	1.648	1.633
171	1.845	1.809	1.778	1.750	1.725	1.703	1.683	1.664	1.648	1.632
172	1.845	1.809	1.777	1.750	1.725	1.703	1.682	1.664	1.647	1.632
173	1.844	1.808	1.777	1.749	1.725	1.702	1.682	1.664	1.647	1.632
174	1.844	1.808	1.777	1.749	1.724	1.702	1.682	1.663	1.647	1.631
175	1.844	1.808	1.776	1.749	1.724	1.702	1.681	1.663	1.646	1.631
176	1.843	1.808	1.776	1.748	1.724	1.701	1.681	1.663	1.646	1.631
177	1.843	1.807	1.776	1.748	1.723	1.701	1.681	1.662	1.646	1.630
178	1.843	1.807	1.775	1.748	1.723	1.701	1.680	1.662	1.645	1.630
179	1.842	1.807	1.775	1.747	1.723	1.700	1.680	1.662	1.645	1.630
180	1.842	1.806	1.775	1.747	1.722	1.700	1.680	1.661	1.645	1.629
181	1.842	1.806	1.775	1.747	1.722	1.700	1.679	1.661	1.644	1.629
182	1.842	1.806	1.774	1.746	1.722	1.699	1.679	1.661	1.644	1.629

183	1.841	1.805	1.774	1.746	1.721	1.699	1.679	1.660	1.644	1.628
184	1.841	1.805	1.774	1.746	1.721	1.699	1.679	1.660	1.643	1.628
185	1.841	1.805	1.773	1.746	1.721	1.698	1.678	1.660	1.643	1.628
186	1.840	1.805	1.773	1.745	1.720	1.698	1.678	1.660	1.643	1.627
187	1.840	1.804	1.773	1.745	1.720	1.698	1.678	1.659	1.642	1.627
188	1.840	1.804	1.773	1.745	1.720	1.698	1.677	1.659	1.642	1.627
189	1.840	1.804	1.772	1.744	1.720	1.697	1.677	1.659	1.642	1.626
190	1.839	1.803	1.772	1.744	1.719	1.697	1.677	1.658	1.642	1.626
191	1.839	1.803	1.772	1.744	1.719	1.697	1.676	1.658	1.641	1.626
192	1.839	1.803	1.771	1.744	1.719	1.696	1.676	1.658	1.641	1.626
193	1.839	1.803	1.771	1.743	1.718	1.696	1.676	1.658	1.641	1.625
194	1.838	1.802	1.771	1.743	1.718	1.696	1.676	1.657	1.640	1.625
195	1.838	1.802	1.771	1.743	1.718	1.696	1.675	1.657	1.640	1.625
196	1.838	1.802	1.770	1.743	1.718	1.695	1.675	1.657	1.640	1.624
197	1.838	1.802	1.770	1.742	1.717	1.695	1.675	1.656	1.640	1.624
198	1.837	1.801	1.770	1.742	1.717	1.695	1.675	1.656	1.639	1.624
199	1.837	1.801	1.770	1.742	1.717	1.695	1.674	1.656	1.639	1.624
200	1.837	1.801	1.769	1.742	1.717	1.694	1.674	1.656	1.639	1.623
201	1.837	1.801	1.769	1.741	1.716	1.694	1.674	1.655	1.639	1.623
202	1.836	1.800	1.769	1.741	1.716	1.694	1.674	1.655	1.638	1.623
203	1.836	1.800	1.769	1.741	1.716	1.694	1.673	1.655	1.638	1.623
204	1.836	1.800	1.768	1.741	1.716	1.693	1.673	1.655	1.638	1.622
205	1.836	1.800	1.768	1.740	1.715	1.693	1.673	1.654	1.638	1.622
206	1.835	1.799	1.768	1.740	1.715	1.693	1.673	1.654	1.637	1.622
207	1.835	1.799	1.768	1.740	1.715	1.693	1.672	1.654	1.637	1.622
208	1.835	1.799	1.767	1.740	1.715	1.692	1.672	1.654	1.637	1.621
209	1.835	1.799	1.767	1.739	1.714	1.692	1.672	1.653	1.637	1.621
210	1.834	1.799	1.767	1.739	1.714	1.692	1.672	1.653	1.636	1.621
211	1.834	1.798	1.767	1.739	1.714	1.692	1.671	1.653	1.636	1.621
212	1.834	1.798	1.767	1.739	1.714	1.691	1.671	1.653	1.636	1.620
213	1.834	1.798	1.766	1.738	1.714	1.691	1.671	1.652	1.636	1.620
214	1.834	1.798	1.766	1.738	1.713	1.691	1.671	1.652	1.635	1.620
215	1.833	1.797	1.766	1.738	1.713	1.691	1.670	1.652	1.635	1.620
216	1.833	1.797	1.766	1.738	1.713	1.691	1.670	1.652	1.635	1.619
217	1.833	1.797	1.765	1.738	1.713	1.690	1.670	1.652	1.635	1.619
218	1.833	1.797	1.765	1.737	1.712	1.690	1.670	1.651	1.634	1.619
219	1.833	1.797	1.765	1.737	1.712	1.690	1.670	1.651	1.634	1.619
220	1.832	1.796	1.765	1.737	1.712	1.690	1.669	1.651	1.634	1.618
221	1.832	1.796	1.765	1.737	1.712	1.689	1.669	1.651	1.634	1.618
222	1.832	1.796	1.764	1.737	1.712	1.689	1.669	1.650	1.634	1.618
223	1.832	1.796	1.764	1.736	1.711	1.689	1.669	1.650	1.633	1.618
224	1.832	1.796	1.764	1.736	1.711	1.689	1.669	1.650	1.633	1.618
225	1.831	1.795	1.764	1.736	1.711	1.689	1.668	1.650	1.633	1.617
226	1.831	1.795	1.764	1.736	1.711	1.688	1.668	1.650	1.633	1.617
227	1.831	1.795	1.763	1.736	1.711	1.688	1.668	1.649	1.633	1.617
228	1.831	1.795	1.763	1.735	1.710	1.688	1.668	1.649	1.632	1.617
229	1.831	1.795	1.763	1.735	1.710	1.688	1.668	1.649	1.632	1.617

230	1.830	1.794	1.763	1.735	1.710	1.688	1.667	1.649	1.632	1.616
231	1.830	1.794	1.763	1.735	1.710	1.687	1.667	1.649	1.632	1.616
232	1.830	1.794	1.763	1.735	1.710	1.687	1.667	1.648	1.632	1.616
233	1.830	1.794	1.762	1.734	1.709	1.687	1.667	1.648	1.631	1.616
234	1.830	1.794	1.762	1.734	1.709	1.687	1.667	1.648	1.631	1.616
235	1.830	1.794	1.762	1.734	1.709	1.687	1.666	1.648	1.631	1.615
236	1.829	1.793	1.762	1.734	1.709	1.687	1.666	1.648	1.631	1.615
237	1.829	1.793	1.762	1.734	1.709	1.686	1.666	1.648	1.631	1.615
238	1.829	1.793	1.761	1.734	1.709	1.686	1.666	1.647	1.630	1.615
239	1.829	1.793	1.761	1.733	1.708	1.686	1.666	1.647	1.630	1.615
240	1.829	1.793	1.761	1.733	1.708	1.686	1.665	1.647	1.630	1.614
241	1.829	1.793	1.761	1.733	1.708	1.686	1.665	1.647	1.630	1.614
242	1.828	1.792	1.761	1.733	1.708	1.685	1.665	1.647	1.630	1.614
243	1.828	1.792	1.761	1.733	1.708	1.685	1.665	1.646	1.630	1.614
244	1.828	1.792	1.760	1.732	1.708	1.685	1.665	1.646	1.629	1.614
245	1.828	1.792	1.760	1.732	1.707	1.685	1.665	1.646	1.629	1.614
246	1.828	1.792	1.760	1.732	1.707	1.685	1.664	1.646	1.629	1.613
247	1.828	1.792	1.760	1.732	1.707	1.685	1.664	1.646	1.629	1.613
248	1.827	1.791	1.760	1.732	1.707	1.684	1.664	1.646	1.629	1.613
249	1.827	1.791	1.760	1.732	1.707	1.684	1.664	1.645	1.628	1.613
250	1.827	1.791	1.759	1.732	1.707	1.684	1.664	1.645	1.628	1.613
251	1.827	1.791	1.759	1.731	1.706	1.684	1.664	1.645	1.628	1.613
252	1.827	1.791	1.759	1.731	1.706	1.684	1.663	1.645	1.628	1.612
253	1.827	1.791	1.759	1.731	1.706	1.684	1.663	1.645	1.628	1.612
254	1.826	1.790	1.759	1.731	1.706	1.683	1.663	1.645	1.628	1.612
255	1.826	1.790	1.759	1.731	1.706	1.683	1.663	1.644	1.627	1.612
256	1.826	1.790	1.759	1.731	1.706	1.683	1.663	1.644	1.627	1.612
257	1.826	1.790	1.758	1.730	1.705	1.683	1.663	1.644	1.627	1.612
258	1.826	1.790	1.758	1.730	1.705	1.683	1.662	1.644	1.627	1.611
259	1.826	1.790	1.758	1.730	1.705	1.683	1.662	1.644	1.627	1.611
260	1.826	1.790	1.758	1.730	1.705	1.683	1.662	1.644	1.627	1.611
261	1.825	1.789	1.758	1.730	1.705	1.682	1.662	1.644	1.627	1.611
262	1.825	1.789	1.758	1.730	1.705	1.682	1.662	1.643	1.626	1.611
263	1.825	1.789	1.758	1.730	1.705	1.682	1.662	1.643	1.626	1.611
264	1.825	1.789	1.757	1.729	1.704	1.682	1.662	1.643	1.626	1.610
265	1.825	1.789	1.757	1.729	1.704	1.682	1.661	1.643	1.626	1.610
266	1.825	1.789	1.757	1.729	1.704	1.682	1.661	1.643	1.626	1.610
267	1.825	1.789	1.757	1.729	1.704	1.682	1.661	1.643	1.626	1.610
268	1.824	1.788	1.757	1.729	1.704	1.681	1.661	1.642	1.625	1.610
269	1.824	1.788	1.757	1.729	1.704	1.681	1.661	1.642	1.625	1.610
270	1.824	1.788	1.757	1.729	1.704	1.681	1.661	1.642	1.625	1.610
271	1.824	1.788	1.756	1.728	1.703	1.681	1.661	1.642	1.625	1.609
272	1.824	1.788	1.756	1.728	1.703	1.681	1.660	1.642	1.625	1.609
273	1.824	1.788	1.756	1.728	1.703	1.681	1.660	1.642	1.625	1.609
274	1.824	1.788	1.756	1.728	1.703	1.681	1.660	1.642	1.625	1.609
275	1.824	1.787	1.756	1.728	1.703	1.680	1.660	1.641	1.624	1.609
276	1.823	1.787	1.756	1.728	1.703	1.680	1.660	1.641	1.624	1.609

559	1.806	1.769	1.738	1.709	1.684	1.662	1.641	1.622	1.605	1.589
560	1.806	1.769	1.738	1.709	1.684	1.662	1.641	1.622	1.605	1.589
561	1.806	1.769	1.738	1.709	1.684	1.662	1.641	1.622	1.605	1.589
562	1.806	1.769	1.738	1.709	1.684	1.662	1.641	1.622	1.605	1.589
563	1.806	1.769	1.738	1.709	1.684	1.661	1.641	1.622	1.605	1.589
564	1.806	1.769	1.738	1.709	1.684	1.661	1.641	1.622	1.605	1.589
565	1.806	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
566	1.806	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
567	1.806	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
568	1.806	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
569	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
570	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
571	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
572	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
573	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
574	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
575	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
576	1.805	1.769	1.737	1.709	1.684	1.661	1.641	1.622	1.605	1.589
577	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.605	1.589
578	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.605	1.589
579	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.605	1.589
580	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
581	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
582	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
583	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
584	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
585	1.805	1.769	1.737	1.709	1.684	1.661	1.640	1.622	1.604	1.589
586	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.589
587	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
588	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
589	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
590	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
591	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
592	1.805	1.769	1.737	1.709	1.683	1.661	1.640	1.621	1.604	1.588
593	1.805	1.769	1.737	1.708	1.683	1.661	1.640	1.621	1.604	1.588
594	1.805	1.768	1.737	1.708	1.683	1.661	1.640	1.621	1.604	1.588
595	1.805	1.768	1.737	1.708	1.683	1.661	1.640	1.621	1.604	1.588
596	1.805	1.768	1.737	1.708	1.683	1.660	1.640	1.621	1.604	1.588
597	1.805	1.768	1.737	1.708	1.683	1.660	1.640	1.621	1.604	1.588
598	1.805	1.768	1.737	1.708	1.683	1.660	1.640	1.621	1.604	1.588
599	1.805	1.768	1.737	1.708	1.683	1.660	1.640	1.621	1.604	1.588
600	1.805	1.768	1.736	1.708	1.683	1.660	1.640	1.621	1.604	1.588

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