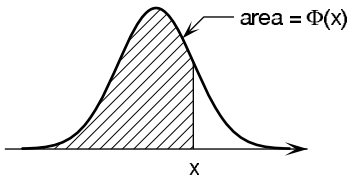
Tabeller

Tabell 1. Standardiserad normalfördelning

$\Phi(x) = P(X \leq x)$ där $X \in N(0,1)$

För negativa värden, utnyttja att $\Phi(x) = 1 - \Phi(-x)$

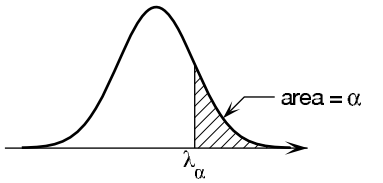


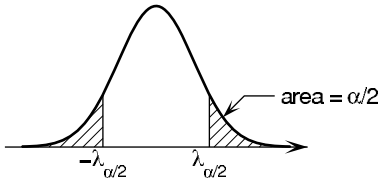
x	.00	.01	.02	.03	.04	.05	.06	.07	.08	.09
0.0	.5000	.5040	.5080	.5120	.5160	.5199	.5239	.5279	.5319	.5359
0.1	.5398	.5438	.5478	.5517	.5557	.5596	.5636	.5675	.5714	.5753
0.2	.5793	.5832	.5871	.5910	.5948	.5987	.6026	.6064	.6103	.6141
0.3	.6179	.6217	.6255	.6293	.6331	.6368	.6406	.6443	.6480	.6517
0.4	.6554	.6591	.6628	.6664	.6700	.6736	.6772	.6808	.6844	.6879
0.5	.6915	.6950	.6985	.7019	.7054	.7088	.7123	.7157	.7190	.7224
0.6	.7257	.7291	.7324	.7357	.7389	.7422	.7454	.7486	.7517	.7549
0.7	.7580	.7611	.7642	.7673	.7704	.7734	.7764	.7794	.7823	.7852
0.8	.7881	.7910	.7939	.7967	.7995	.8023	.8051	.8078	.8106	.8133
0.9	.8159	.8186	.8212	.8238	.8264	.8289	.8315	.8340	.8365	.8389
1.0	.8413	.8438	.8461	.8485	.8508	.8531	.8554	.8577	.8599	.8621
1.1	.8643	.8665	.8686	.8708	.8729	.8749	.8770	.8790	.8810	.8830
1.2	.8849	.8869	.8888	.8907	.8925	.8944	.8962	.8980	.8997	.9015
1.3	.9032	.9049	.9066	.9082	.9099	.9115	.9131	.9147	.9162	.9177
1.4	.9192	.9207	.9222	.9236	.9251	.9265	.9279	.9292	.9306	.9319
1.5	.9332	.9345	.9357	.9370	.9382	.9394	.9406	.9418	.9429	.9441
1.6	.9452	.9463	.9474	.9484	.9495	.9505	.9515	.9525	.9535	.9545
1.7	.9554	.9564	.9573	.9582	.9591	.9599	.9608	.9616	.9625	.9633
1.8	.9641	.9649	.9656	.9664	.9671	.9678	.9686	.9693	.9699	.9706
1.9	.9713	.9719	.9726	.9732	.9738	.9744	.9750	.9756	.9761	.9767
2.0	.97725	.97778	.97831	.97882	.97932	.97982	.98030	.98077	.98124	.98169
2.1	.98214	.98257	.98300	.98341	.98382	.98422	.98461	.98500	.98537	.98574
2.2	.98610	.98645	.98679	.98713	.98745	.98778	.98809	.98840	.98870	.98899
2.3	.98928	.98956	.98983	.99010	.99036	.99061	.99086	.99111	.99134	.99158
2.4	.99180	.99202	.99224	.99245	.99266	.99286	.99305	.99324	.99343	.99361
2.5	.99379	.99396	.99413	.99430	.99446	.99461	.99477	.99492	.99506	.99520
2.6	.99534	.99547	.99560	.99573	.99585	.99598	.99609	.99621	.99632	.99643
2.7	.99653	.99664	.99674	.99683	.99693	.99702	.99711	.99720	.99728	.99736
2.8	.99744	.99752	.99760	.99767	.99774	.99781	.99788	.99795	.99801	.99807
2.9	.99813	.99819	.99825	.99831	.99836	.99841	.99846	.99851	.99856	.99861
3.0	.99865									
3.1	.99903									
3.2	.99931									
3.3	.99952									
3.4	.99966									
3.5	.99977									
3.6	.99984									
3.7	.99989									
3.8	.99993									
3.9	.99995									
4.0	.99997									

Tabell 2. Normalfördelningens kvantiler

$P(X > \lambda_\alpha) = \alpha$ där $X \in N(0,1)$

α	λ_α	α	λ_α
0.1	1.2816	0.001	3.0902
0.05	1.6449	0.0005	3.2905
0.025	1.9600	0.0001	3.7190
0.01	2.3263	0.00005	3.8906
0.005	2.5758	0.00001	4.2649





Tabell 6. Binomialfördelningen

$P(X \leq x)$ där $X \in Bin(n, p)$

För $p > 1/2$, utnyttja att $P(X \leq x) = P(Y \geq n - x)$ där $Y \in Bin(n, 1 - p)$

n	x	p 0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
2	0	0.90250	0.81000	0.72250	0.64000	0.56250	0.49000	0.36000	0.25000
	1	0.99750	0.99000	0.97750	0.96000	0.93750	0.91000	0.84000	0.75000
3	0	0.85737	0.72900	0.61412	0.51200	0.42188	0.34300	0.21600	0.12500
	1	0.99275	0.97200	0.93925	0.89600	0.84375	0.78400	0.64800	0.50000
	2	0.99987	0.99900	0.99663	0.99200	0.98438	0.97300	0.93600	0.87500
4	0	0.81451	0.65610	0.52201	0.40960	0.31641	0.24010	0.12960	0.06250
	1	0.98598	0.94770	0.89048	0.81920	0.73828	0.65170	0.47520	0.31250
	2	0.99952	0.99630	0.98802	0.97280	0.94922	0.91630	0.82080	0.68750
	3	0.99999	0.99990	0.99949	0.99840	0.99609	0.99190	0.97440	0.93750
5	0	0.77378	0.59049	0.44371	0.32768	0.23730	0.16807	0.07776	0.03125
	1	0.97741	0.91854	0.83521	0.73728	0.63281	0.52822	0.33696	0.18750
	2	0.99884	0.99144	0.97339	0.94208	0.89648	0.83692	0.68256	0.50000
	3	0.99997	0.99954	0.99777	0.99328	0.98437	0.96922	0.91296	0.81250
	4	1.00000	0.99999	0.99992	0.99968	0.99902	0.99757	0.98976	0.96875
6	0	0.73509	0.53144	0.37715	0.26214	0.17798	0.11765	0.04666	0.01563
	1	0.96723	0.88574	0.77648	0.65536	0.53394	0.42018	0.23328	0.10938
	2	0.99777	0.98415	0.95266	0.90112	0.83057	0.74431	0.54432	0.34375
	3	0.99991	0.99873	0.99411	0.98304	0.96240	0.92953	0.82080	0.65625
	4	1.00000	0.99995	0.99960	0.99840	0.99536	0.98906	0.95904	0.89063
	5	1.00000	1.00000	0.99999	0.99994	0.99976	0.99927	0.99590	0.98438
7	0	0.69834	0.47830	0.32058	0.20972	0.13348	0.08235	0.02799	0.00781
	1	0.95562	0.85031	0.71658	0.57672	0.44495	0.32942	0.15863	0.06250
	2	0.99624	0.97431	0.92623	0.85197	0.75641	0.64707	0.41990	0.22656
	3	0.99981	0.99727	0.98790	0.96666	0.92944	0.87396	0.71021	0.50000
	4	0.99999	0.99982	0.99878	0.99533	0.98712	0.97120	0.90374	0.77344
	5	1.00000	0.99999	0.99993	0.99963	0.99866	0.99621	0.98116	0.93750
	6	1.00000	1.00000	1.00000	0.99999	0.99994	0.99978	0.99836	0.99219
8	0	0.66342	0.43047	0.27249	0.16777	0.10011	0.05765	0.01680	0.00391
	1	0.94276	0.81310	0.65718	0.50332	0.36708	0.25530	0.10638	0.03516
	2	0.99421	0.96191	0.89479	0.79692	0.67854	0.55177	0.31539	0.14453
	3	0.99963	0.99498	0.97865	0.94372	0.88618	0.80590	0.59409	0.36328
	4	0.99998	0.99957	0.99715	0.98959	0.97270	0.94203	0.82633	0.63672
	5	1.00000	0.99998	0.99976	0.99877	0.99577	0.98871	0.95019	0.85547
	6	1.00000	1.00000	0.99999	0.99992	0.99962	0.99871	0.99148	0.96484
	7	1.00000	1.00000	1.00000	1.00000	0.99998	0.99993	0.99934	0.99609
9	0	0.63025	0.38742	0.23162	0.13422	0.07508	0.04035	0.01008	0.00195
	1	0.92879	0.77484	0.59948	0.43621	0.30034	0.19600	0.07054	0.01953
	2	0.99164	0.94703	0.85915	0.73820	0.60068	0.46283	0.23179	0.08984
	3	0.99936	0.99167	0.96607	0.91436	0.83427	0.72966	0.48261	0.25391
	4	0.99997	0.99911	0.99437	0.98042	0.95107	0.90119	0.73343	0.50000
	5	1.00000	0.99994	0.99937	0.99693	0.99001	0.97471	0.90065	0.74609
	6	1.00000	1.00000	0.99995	0.99969	0.99866	0.99571	0.97497	0.91016
	7	1.00000	1.00000	1.00000	0.99998	0.99989	0.99957	0.99620	0.98047
	8	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99974	0.99805

Tabell 6 forts.

n	x	p 0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
10	0	0.59874	0.34868	0.19687	0.10737	0.05631	0.02825	0.00605	0.00098
	1	0.91386	0.73610	0.54430	0.37581	0.24403	0.14931	0.04636	0.01074
	2	0.98850	0.92981	0.82020	0.67780	0.52559	0.38278	0.16729	0.05469
	3	0.99897	0.98720	0.95003	0.87913	0.77588	0.64961	0.38228	0.17188
	4	0.99994	0.99837	0.99013	0.96721	0.92187	0.84973	0.63310	0.37695
	5	1.00000	0.99985	0.99862	0.99363	0.98027	0.95265	0.83376	0.62305
	6	1.00000	0.99999	0.99987	0.99914	0.99649	0.98941	0.94524	0.82813
	7	1.00000	1.00000	0.99999	0.99992	0.99958	0.99841	0.98771	0.94531
	8	1.00000	1.00000	1.00000	1.00000	0.99997	0.99986	0.99832	0.98926
	9	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99990	0.99902
11	0	0.56880	0.31381	0.16734	0.08590	0.04224	0.01977	0.00363	0.00049
	1	0.89811	0.69736	0.49219	0.32212	0.19710	0.11299	0.03023	0.00586
	2	0.98476	0.91044	0.77881	0.61740	0.45520	0.31274	0.11892	0.03271
	3	0.99845	0.98147	0.93056	0.83886	0.71330	0.56956	0.29628	0.11328
	4	0.99989	0.99725	0.98411	0.94959	0.88537	0.78970	0.53277	0.27441
	5	0.99999	0.99970	0.99734	0.98835	0.96567	0.92178	0.75350	0.50000
	6	1.00000	0.99998	0.99968	0.99803	0.99244	0.97838	0.90065	0.72559
	7	1.00000	1.00000	0.99997	0.99976	0.99881	0.99571	0.97072	0.88672
	8	1.00000	1.00000	1.00000	0.99998	0.99987	0.99942	0.99408	0.96729
	9	1.00000	1.00000	1.00000	1.00000	0.99999	0.99995	0.99927	0.99414
	10	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99996	0.99951
12	0	0.54036	0.28243	0.14224	0.06872	0.03168	0.01384	0.00218	0.00024
	1	0.88164	0.65900	0.44346	0.27488	0.15838	0.08503	0.01959	0.00317
	2	0.98043	0.88913	0.73582	0.55835	0.39068	0.25282	0.08344	0.01929
	3	0.99776	0.97436	0.90779	0.79457	0.64878	0.49252	0.22534	0.07300
	4	0.99982	0.99567	0.97608	0.92744	0.84236	0.72366	0.43818	0.19385
	5	0.99999	0.99946	0.99536	0.98059	0.94560	0.88215	0.66521	0.38721
	6	1.00000	0.99995	0.99933	0.99610	0.98575	0.96140	0.84179	0.61279
	7	1.00000	1.00000	0.99993	0.99942	0.99722	0.99051	0.94269	0.80615
	8	1.00000	1.00000	0.99999	0.99994	0.99961	0.99831	0.98473	0.92700
	9	1.00000	1.00000	1.00000	1.00000	0.99996	0.99979	0.99719	0.98071
	10	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99968	0.99683
	11	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998	0.99976
13	0	0.51334	0.25419	0.12091	0.05498	0.02376	0.00969	0.00131	0.00012
	1	0.86458	0.62134	0.39828	0.23365	0.12671	0.06367	0.01263	0.00171
	2	0.97549	0.86612	0.69196	0.50165	0.33260	0.20248	0.05790	0.01123
	3	0.99690	0.96584	0.88200	0.74732	0.58425	0.42061	0.16858	0.04614
	4	0.99971	0.99354	0.96584	0.90087	0.79396	0.65431	0.35304	0.13342
	5	0.99998	0.99908	0.99247	0.96996	0.91979	0.83460	0.57440	0.29053
	6	1.00000	0.99990	0.99873	0.99300	0.97571	0.93762	0.77116	0.50000
	7	1.00000	0.99999	0.99984	0.99875	0.99435	0.98178	0.90233	0.70947
	8	1.00000	1.00000	0.99998	0.99983	0.99901	0.99597	0.96792	0.86658
	9	1.00000	1.00000	1.00000	0.99998	0.99987	0.99935	0.99221	0.95386
	10	1.00000	1.00000	1.00000	1.00000	0.99999	0.99993	0.99868	0.98877
	11	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99986	0.99829
	12	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99988

Tabell 6 forts.

n	x	p 0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
14	0	0.48767	0.22877	0.10277	0.04398	0.01782	0.00678	0.00078	0.00006
	1	0.84701	0.58463	0.35667	0.19791	0.10097	0.04748	0.00810	0.00092
	2	0.96995	0.84164	0.64791	0.44805	0.28113	0.16084	0.03979	0.00647
	3	0.99583	0.95587	0.85349	0.69819	0.52134	0.35517	0.12431	0.02869
	4	0.99957	0.99077	0.95326	0.87016	0.74153	0.58420	0.27926	0.08978
	5	0.99997	0.99853	0.98847	0.95615	0.88833	0.78052	0.48585	0.21198
	6	1.00000	0.99982	0.99779	0.98839	0.96173	0.90672	0.69245	0.39526
	7	1.00000	0.99998	0.99967	0.99760	0.98969	0.96853	0.84986	0.60474
	8	1.00000	1.00000	0.99996	0.99962	0.99785	0.99171	0.94168	0.78802
	9	1.00000	1.00000	1.00000	0.99995	0.99966	0.99833	0.98249	0.91022
	10	1.00000	1.00000	1.00000	1.00000	0.99996	0.99975	0.99609	0.97131
	11	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997	0.99939	0.99353
	12	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99994	0.99908
	13	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99994
15	0	0.46329	0.20589	0.08735	0.03518	0.01336	0.00475	0.00047	0.00003
	1	0.82905	0.54904	0.31859	0.16713	0.08018	0.03527	0.00517	0.00049
	2	0.96380	0.81594	0.60423	0.39802	0.23609	0.12683	0.02711	0.00369
	3	0.99453	0.94444	0.82266	0.64816	0.46129	0.29687	0.09050	0.01758
	4	0.99939	0.98728	0.93829	0.83577	0.68649	0.51549	0.21728	0.05923
	5	0.99995	0.99775	0.98319	0.93895	0.85163	0.72162	0.40322	0.15088
	6	1.00000	0.99969	0.99639	0.98194	0.94338	0.86886	0.60981	0.30362
	7	1.00000	0.99997	0.99939	0.99576	0.98270	0.94999	0.78690	0.50000
	8	1.00000	1.00000	0.99992	0.99922	0.99581	0.98476	0.90495	0.69638
	9	1.00000	1.00000	0.99999	0.99989	0.99921	0.99635	0.96617	0.84912
	10	1.00000	1.00000	1.00000	0.99999	0.99988	0.99933	0.99065	0.94077
	11	1.00000	1.00000	1.00000	1.00000	0.99999	0.99991	0.99807	0.98242
	12	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99972	0.99631
	13	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997	0.99951
	14	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997
16	0	0.44013	0.18530	0.07425	0.02815	0.01002	0.00332	0.00028	0.00002
	1	0.81076	0.51473	0.28390	0.14074	0.06348	0.02611	0.00329	0.00026
	2	0.95706	0.78925	0.56138	0.35184	0.19711	0.09936	0.01834	0.00209
	3	0.99300	0.93159	0.78989	0.59813	0.40499	0.24586	0.06515	0.01064
	4	0.99914	0.98300	0.92095	0.79825	0.63019	0.44990	0.16657	0.03841
	5	0.99992	0.99670	0.97646	0.91831	0.81035	0.65978	0.32884	0.10506
	6	0.99999	0.99950	0.99441	0.97334	0.92044	0.82469	0.52717	0.22725
	7	1.00000	0.99994	0.99894	0.99300	0.97287	0.92565	0.71606	0.40181
	8	1.00000	0.99999	0.99984	0.99852	0.99253	0.97433	0.85773	0.59819
	9	1.00000	1.00000	0.99998	0.99975	0.99836	0.99287	0.94168	0.77275
	10	1.00000	1.00000	1.00000	0.99997	0.99971	0.99843	0.98086	0.89494
	11	1.00000	1.00000	1.00000	1.00000	0.99996	0.99973	0.99510	0.96159
	12	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997	0.99906	0.98936
	13	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99987	0.99791
	14	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99974
	15	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99998

Tabell 6 forts.

n	x	p 0.05	0.10	0.15	0.20	0.25	0.30	0.40	0.50
17	0	0.41812	0.16677	0.06311	0.02252	0.00752	0.00233	0.00017	0.00001
	1	0.79223	0.48179	0.25245	0.11822	0.05011	0.01928	0.00209	0.00014
	2	0.94975	0.76180	0.51976	0.30962	0.16370	0.07739	0.01232	0.00117
	3	0.99120	0.91736	0.75561	0.54888	0.35302	0.20191	0.04642	0.00636
	4	0.99884	0.97786	0.90129	0.75822	0.57389	0.38869	0.12600	0.02452
	5	0.99988	0.99533	0.96813	0.89430	0.76531	0.59682	0.26393	0.07173
	6	0.99999	0.99922	0.99172	0.96234	0.89292	0.77522	0.44784	0.16615
	7	1.00000	0.99989	0.99826	0.98907	0.95976	0.89536	0.64051	0.31453
	8	1.00000	0.99999	0.99970	0.99742	0.98762	0.95972	0.80106	0.50000
	9	1.00000	1.00000	0.99996	0.99951	0.99690	0.98731	0.90810	0.68547
	10	1.00000	1.00000	1.00000	0.99992	0.99937	0.99676	0.96519	0.83385
	11	1.00000	1.00000	1.00000	0.99999	0.99990	0.99934	0.98941	0.92827
	12	1.00000	1.00000	1.00000	1.00000	0.99999	0.99990	0.99748	0.97548
	13	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99955	0.99364
	14	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99994	0.99883
	15	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99986
	16	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999
18	0	0.39721	0.15009	0.05365	0.01801	0.00564	0.00163	0.00010	0.00000
	1	0.77352	0.45028	0.22405	0.09908	0.03946	0.01419	0.00132	0.00007
	2	0.94187	0.73380	0.47966	0.27134	0.13531	0.05995	0.00823	0.00066
	3	0.98913	0.90180	0.72024	0.50103	0.30569	0.16455	0.03278	0.00377
	4	0.99845	0.97181	0.87944	0.71635	0.51867	0.33265	0.09417	0.01544
	5	0.99983	0.99358	0.95810	0.86708	0.71745	0.53438	0.20876	0.04813
	6	0.99998	0.99883	0.98818	0.94873	0.86102	0.72170	0.37428	0.11894
	7	1.00000	0.99983	0.99728	0.98372	0.94305	0.85932	0.56344	0.24034
	8	1.00000	0.99998	0.99949	0.99575	0.98065	0.94041	0.73684	0.40726
	9	1.00000	1.00000	0.99992	0.99909	0.99458	0.97903	0.86529	0.59274
	10	1.00000	1.00000	0.99999	0.99984	0.99876	0.99393	0.94235	0.75966
	11	1.00000	1.00000	1.00000	0.99998	0.99977	0.99857	0.97972	0.88106
	12	1.00000	1.00000	1.00000	1.00000	0.99997	0.99973	0.99425	0.95187
	13	1.00000	1.00000	1.00000	1.00000	1.00000	0.99996	0.99872	0.98456
	14	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99979	0.99623
	15	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99997	0.99934
	16	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99993
	17	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000
19	0	0.37735	0.13509	0.04560	0.01441	0.00423	0.00114	0.00006	0.00000
	1	0.75471	0.42026	0.19849	0.08287	0.03101	0.01042	0.00083	0.00004
	2	0.93345	0.70544	0.44132	0.23689	0.11134	0.04622	0.00546	0.00036
	3	0.98676	0.88500	0.68415	0.45509	0.26309	0.13317	0.02296	0.00221
	4	0.99799	0.96481	0.85556	0.67329	0.46542	0.28222	0.06961	0.00961
	5	0.99976	0.99141	0.94630	0.83694	0.66776	0.47386	0.16292	0.03178
	6	0.99998	0.99830	0.98367	0.93240	0.82512	0.66550	0.30807	0.08353
	7	1.00000	0.99973	0.99592	0.97672	0.92254	0.81803	0.48778	0.17964
	8	1.00000	0.99996	0.99916	0.99334	0.97125	0.91608	0.66748	0.32380
	9	1.00000	1.00000	0.99986	0.99842	0.99110	0.96745	0.81391	0.50000
	10	1.00000	1.00000	0.99998	0.99969	0.99771	0.98946	0.91153	0.67620
	11	1.00000	1.00000	1.00000	0.99995	0.99952	0.99718	0.96477	0.82036
	12	1.00000	1.00000	1.00000	0.99999	0.99992	0.99938	0.98844	0.91647
	13	1.00000	1.00000	1.00000	1.00000	0.99999	0.99989	0.99693	0.96822
	14	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99936	0.99039
	15	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99990	0.99779
	16	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99999	0.99964
	17	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	0.99996
	18	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000	1.00000