

# Mathematik > Wahrscheinlichkeitstabeln > Binomialverteilung

## Wahrscheinlichkeitstafel: Binomialverteilung B(100, 0.3) bis B(500, 0.3) (Schrittweite 10)

100- bis 500-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit  $p = 0.3$ , binomialverteilte Zufallsvariable  $X$  als Anzahl  $k$  des Auftretens von T mit  $p(X=k)$ ,  $p(X \leq k)$  (kumuliert), Erwartungswert  $\mu$ , Standardabweichung  $\sigma$ ,  $1\sigma$ -,  $2\sigma$ -,  $3\sigma$ -Intervalle

p = 0.3		n = 100
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
6	0	0
7	1e-8	2e-8
8	7e-8	9e-8
9	3e-7	3.9e-7
10	0.00000117	0.00000156
11	0.0000041	0.00000566
12	0.00001305	0.0000187
13	0.00003785	0.00005655
14	0.00010079	0.00015734
15	0.00024766	0.000405
16	0.00056387	0.00096887
17	0.00119407	0.00216293
18	0.00235971	0.00452264
19	0.00436457	0.00888721
20	0.00757564	0.01646285
21	0.0123684	0.02883125
22	0.01903449	0.04786574
23	0.02766503	0.07553077
24	0.03803941	0.11357018
25	0.04955992	0.1631301
26	0.06126914	0.22439924
27	0.07196692	0.29636616
28	0.08041202	0.37677818
29	0.08556156	0.46233974
30	0.08678386	0.5491236
31	0.08398439	0.63310799
32	0.07761057	0.71071856
33	0.0685392	0.77925776
34	0.05788395	0.83714171
35	0.04677968	0.88392139
36	0.03619856	0.92011996
37	0.02683446	0.94695441
38	0.01906659	0.966021
39	0.01299042	0.97901142
40	0.00849017	0.98750159
41	0.00532484	0.99282644

42	0.00320577	0.99603221
43	0.00185317	0.99788538
44	0.00102887	0.99891425
45	0.00054873	0.99946299
46	0.00028118	0.99974417
47	0.00013845	0.99988262
48	0.00006552	0.99994814
49	0.0000298	0.99997794
50	0.00001303	0.99999097
51	0.00000547	0.99999644
52	0.00000221	0.99999865
53	8.6e-7	0.99999951
54	3.2e-7	0.99999983
55	1.1e-7	0.99999994
56	4e-8	0.99999998
57	1e-8	0.99999999
58	0	1
...	...	...
100	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 100</b>
Erwartungswert: $\mu = 30$		
Standardabweichung: $\sigma = 4.583$		
1 $\sigma$ -Intervall: $p(26 \leq X \leq 34) = 0.67401161$		
2 $\sigma$ -Intervall: $p(21 \leq X \leq 39) = 0.96254857$		
3 $\sigma$ -Intervall: $p(17 \leq X \leq 43) = 0.99691652$		

<b>p = 0.3</b>		<b>n = 110</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
7	0	0
8	0	1e-8
9	2e-8	3e-8
10	9e-8	1.2e-7
11	3.5e-7	4.6e-7
12	0.00000123	0.0000017
13	0.00000399	0.00000568
14	0.00001184	0.00001752
15	0.00003247	0.00004999
16	0.00008262	0.00013261
17	0.00019579	0.00032839
18	0.00043352	0.00076192

19	0.00089965	0.00166156
20	0.00175431	0.00341587
21	0.0032222	0.00663807
22	0.00558654	0.01222461
23	0.00916054	0.02138515
24	0.01423155	0.0356167
25	0.02098137	0.05659807
26	0.02939697	0.08599504
27	0.03919597	0.12519101
28	0.04979487	0.17498588
29	0.06034256	0.23532844
30	0.06982496	0.3051534
31	0.07722576	0.38237916
32	0.08170761	0.46408677
33	0.08276875	0.54685552
34	0.08033438	0.6271899
35	0.07476015	0.70195005
36	0.06675014	0.76870019
37	0.0572144	0.8259146
38	0.04710509	0.87301969
39	0.03726996	0.91028965
40	0.02835179	0.93864144
41	0.02074521	0.95938666
42	0.01460632	0.97399298
43	0.0098993	0.98389229
44	0.00646026	0.99035254
45	0.00406073	0.99441328
46	0.00245914	0.99687242
47	0.00143512	0.99830754
48	0.00080726	0.9991148
49	0.00043775	0.99955255
50	0.00022888	0.99978143
51	0.0001154	0.99989684
52	0.00005612	0.99995295
53	0.00002632	0.99997927
54	0.00001191	0.99999118
55	0.0000052	0.99999637
56	0.00000219	0.99999856
57	8.9e-7	0.99999945
58	3.5e-7	0.9999998
59	1.3e-7	0.99999993
60	5e-8	0.99999997
61	2e-8	0.99999999
62	1e-8	1
63	0	1
...	...	...
110	0	1

k	p(X=k)	p(x≤k)
<b>p = 0.3</b>		<b>n = 110</b>
Erwartungswert: $\mu = 33$		
Standardabweichung: $\sigma = 4.806$		
1σ-Intervall: $p(29 \leq X \leq 37) = 0.65092871$		
2σ-Intervall: $p(24 \leq X \leq 42) = 0.95260783$		
3σ-Intervall: $p(19 \leq X \leq 47) = 0.99754562$		

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<b>p = 0.3</b>		<b>n = 120</b>
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
9	0	0
10	1e-8	1e-8
11	3e-8	3e-8
12	1e-7	1.4e-7
13	3.7e-7	5.1e-7
14	0.00000122	0.00000173
15	0.00000369	0.00000542
16	0.00001038	0.0000158
17	0.00002721	0.00004301
18	0.00006673	0.00010974
19	0.00015353	0.00026326
20	0.00033227	0.00059553
21	0.00067811	0.00127364
22	0.00130778	0.00258142
23	0.00238812	0.00496954
24	0.00413656	0.0091061
25	0.0068076	0.0159137
26	0.01066025	0.02657395
27	0.01590577	0.04247972
28	0.02264138	0.06512109
29	0.03078335	0.09590444
30	0.04001835	0.1359228
31	0.04979242	0.18571522
32	0.05935079	0.24506601
33	0.06782947	0.31289548
34	0.07438442	0.38727991
35	0.07833135	0.46561126
36	0.07926387	0.54487512
37	0.0771216	0.62199672
38	0.07219278	0.6941895
39	0.06505283	0.75924233

40	0.05645656	0.8156989
41	0.04721106	0.86290996
42	0.0380579	0.90096786
43	0.02958654	0.9305544
44	0.0221899	0.9527443
45	0.01606126	0.96880557
46	0.01122293	0.9800285
47	0.00757292	0.98760142
48	0.00493592	0.99253734
49	0.00310834	0.99564568
50	0.00189164	0.99753732
51	0.00111273	0.99865006
52	0.00063279	0.99928285
53	0.00034795	0.9996308
54	0.00018502	0.99981582
55	0.00009515	0.99991097
56	0.00004733	0.9999583
57	0.00002278	0.99998108
58	0.0000106	0.99999168
59	0.00000478	0.99999646
60	0.00000208	0.99999854
61	8.8e-7	0.99999942
62	3.6e-7	0.99999977
63	1.4e-7	0.99999992
64	5e-8	0.99999997
65	2e-8	0.99999999
66	1e-8	1
67	0	1
...	...	...
120	0	1

k	p(X=k)	p(x≤k)
<b>p = 0.3</b>		<b>n = 120</b>
Erwartungswert: $\mu = 36$		
Standardabweichung: $\sigma = 5.02$		
1σ-Intervall: $p(31 \leq X \leq 41) = 0.72698716$		
2σ-Intervall: $p(26 \leq X \leq 46) = 0.9641148$		
3σ-Intervall: $p(21 \leq X \leq 51) = 0.99805452$		

<b>p = 0.3</b>		<b>n = 130</b>
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
11	0	0

12	1e-8	1e-8
13	3e-8	4e-8
14	1.1e-7	1.5e-7
15	3.7e-7	5.3e-7
16	0.00000115	0.00000167
17	0.0000033	0.00000497
18	0.00000887	0.00001384
19	0.00002242	0.00003626
20	0.00005332	0.00008958
21	0.00011969	0.00020927
22	0.00025415	0.00046341
23	0.00051145	0.00097486
24	0.00097723	0.0019521
25	0.00177578	0.00372787
26	0.00307346	0.00680133
27	0.00507364	0.01187497
28	0.00799875	0.01987373
29	0.01205724	0.03193096
30	0.01739687	0.04932783
31	0.02405097	0.0733788
32	0.03188901	0.10526781
33	0.04058601	0.14585382
34	0.04962407	0.19547789
35	0.0583336	0.2538115
36	0.06597253	0.31978402
37	0.07183109	0.39161512
38	0.07534163	0.46695675
39	0.07616956	0.54312632
40	0.07426533	0.61739164
41	0.06986633	0.68725798
42	0.06345004	0.75070801
43	0.05565053	0.80635854
44	0.04715841	0.85351695
45	0.03862498	0.89214193
46	0.0305881	0.92273003
47	0.02342919	0.94615922
48	0.0173627	0.96352192
49	0.01245255	0.97597447
50	0.00864563	0.9846201
51	0.00581219	0.99043228
52	0.00378431	0.99421659
53	0.00238687	0.99660346
54	0.00145864	0.9980621
55	0.00086382	0.99892592
56	0.00049581	0.99942174
57	0.00027587	0.9996976
58	0.0001488	0.99984641

59	0.00007783	0.99992423
60	0.00003947	0.9999637
61	0.00001941	0.99998311
62	0.00000926	0.99999237
63	0.00000428	0.99999665
64	0.00000192	0.99999857
65	8.4e-7	0.99999941
66	3.5e-7	0.99999976
67	1.4e-7	0.99999991
68	6e-8	0.99999997
69	2e-8	0.99999999
70	1e-8	1
71	0	1
...	...	...
130	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 130</b>
Erwartungswert: $\mu = 39$		
Standardabweichung: $\sigma = 5.225$		
1σ-Intervall: $p(34 \leq X \leq 44) = 0.70766313$		
2σ-Intervall: $p(29 \leq X \leq 49) = 0.95610074$		
3σ-Intervall: $p(24 \leq X \leq 54) = 0.99708724$		

<b>p = 0.3</b>		<b>n = 140</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
13	0	0
14	1e-8	1e-8
15	3e-8	5e-8
16	1.1e-7	1.6e-7
17	3.6e-7	5.2e-7
18	0.00000104	0.00000156
19	0.00000287	0.00000443
20	0.00000744	0.00001187
21	0.00001823	0.0000301
22	0.00004226	0.00007236
23	0.00009292	0.00016528
24	0.00019413	0.00035941
25	0.00038604	0.00074545
26	0.00073178	0.00147722
27	0.00132417	0.00280139
28	0.00229027	0.00509165

29	0.00379079	0.00888244
30	0.0060111	0.01489355
31	0.00914131	0.02403486
32	0.01334468	0.03737954
33	0.01871722	0.05609676
34	0.02524465	0.08134141
35	0.03276653	0.11410793
36	0.04095816	0.15506609
37	0.04933956	0.20440565
38	0.0573155	0.26172115
39	0.06424375	0.32596489
40	0.06952091	0.3954858
41	0.07266994	0.46815575
42	0.07341147	0.54156722
43	0.07170423	0.61327145
44	0.06774653	0.68101797
45	0.06193968	0.74295766
46	0.05482239	0.79778005
47	0.04699062	0.84477067
48	0.039019	0.88378966
49	0.03139721	0.91518687
50	0.02448982	0.9396767
51	0.01852172	0.95819841
52	0.01358598	0.9717844
53	0.00966765	0.98145205
54	0.00667529	0.98812734
55	0.00447331	0.99260064
56	0.00290993	0.99551058
57	0.00183785	0.99734843
58	0.00112716	0.99847558
59	0.00067138	0.99914696
60	0.00038844	0.99953541
61	0.00021833	0.99975373
62	0.00011923	0.99987296
63	0.00006326	0.99993622
64	0.00003262	0.99996884
65	0.00001635	0.99998519
66	0.00000796	0.99999315
67	0.00000377	0.99999692
68	0.00000173	0.99999865
69	7.8e-7	0.99999942
70	3.4e-7	0.99999976
71	1.4e-7	0.9999999
72	6e-8	0.99999996
73	2e-8	0.99999999
74	1e-8	0.99999999
75	0	1



...	...	...
140	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 140</b>
Erwartungswert: $\mu = 42$		
Standardabweichung: $\sigma = 5.422$		
1σ-Intervall: $p(37 \leq X \leq 47) = 0.68970458$		
2σ-Intervall: $p(32 \leq X \leq 52) = 0.94774954$		
3σ-Intervall: $p(26 \leq X \leq 58) = 0.99773014$		

	<b>p = 0.3</b>	<b>n = 150</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
15	0	0
16	1e-8	1e-8
17	3e-8	5e-8
18	1.1e-7	1.6e-7
19	3.3e-7	4.9e-7
20	9.2e-7	0.00000141
21	0.00000245	0.00000386
22	0.00000615	0.00001001
23	0.00001468	0.00002469
24	0.00003329	0.00005798
25	0.0000719	0.00012989
26	0.00014816	0.00027804
27	0.00029161	0.00056965
28	0.000549	0.00111865
29	0.00098982	0.00210846
30	0.00171097	0.00381943
31	0.00283847	0.0066579
32	0.00452382	0.01118172
33	0.0069326	0.01811432
34	0.01022413	0.02833845
35	0.01452244	0.04286089
36	0.01988191	0.06274279
37	0.02625333	0.08899612
38	0.03345819	0.12245432
39	0.04117931	0.16363363
40	0.04897397	0.2126076
41	0.05631153	0.26891913
42	0.06263221	0.33155134
43	0.06741806	0.3989694

44	0.07026363	0.46923303
45	0.07093281	0.54016584
46	0.06939079	0.60955663
47	0.06580525	0.67536188
48	0.06051733	0.7358792
49	0.05398922	0.78986842
50	0.04673924	0.83660766
51	0.03927667	0.87588433
52	0.03204717	0.9079315
53	0.02539587	0.93332737
54	0.01955079	0.95287816
55	0.01462501	0.96750317
56	0.01063298	0.97813615
57	0.00751504	0.98565119
58	0.00516427	0.99081546
59	0.00345119	0.99426665
60	0.00224327	0.99650992
61	0.00141846	0.99792838
62	0.00087265	0.99880103
63	0.0005224	0.99932343
64	0.00030435	0.99962777
65	0.00017257	0.99980035
66	0.00009525	0.9998956
67	0.00005118	0.99994678
68	0.00002677	0.99997355
69	0.00001364	0.99998719
70	0.00000676	0.99999395
71	0.00000327	0.99999721
72	0.00000154	0.99999875
73	7e-7	0.99999945
74	3.1e-7	0.99999977
75	1.4e-7	0.9999999
76	6e-8	0.99999996
77	2e-8	0.99999998
78	1e-8	0.99999999
79	0	1
...	...	...
150	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 150</b>
Erwartungswert: $\mu = 45$		
Standardabweichung: $\sigma = 5.612$		
1σ-Intervall: $p(40 \leq X \leq 50) = 0.67297403$		
2σ-Intervall: $p(34 \leq X \leq 56) = 0.96002183$		

3 $\sigma$ -Intervall:  
 $p(29 \leq X \leq 61) = 0.99680973$

p = 0.3		n = 160
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
17	0	0
18	1e-8	1e-8
19	3e-8	5e-8
20	1e-7	1.5e-7
21	3e-7	4.5e-7
22	8e-7	0.00000125
23	0.00000206	0.0000033
24	0.00000503	0.00000833
25	0.00001173	0.00002006
26	0.0000261	0.00004616
27	0.00005551	0.00010168
28	0.00011301	0.00021469
29	0.00022045	0.00043514
30	0.00041256	0.0008477
31	0.00074147	0.00158916
32	0.00128101	0.00287017
33	0.00212948	0.00499965
34	0.00340895	0.0084086
35	0.00525953	0.01366813
36	0.00782668	0.02149481
37	0.0112414	0.03273621
38	0.01559428	0.04833049
39	0.02090662	0.0692371
40	0.02710393	0.09634104
41	0.03399796	0.130339
42	0.04128324	0.17162224
43	0.04855239	0.22017463
44	0.0553308	0.27550543
45	0.06112736	0.3366328
46	0.0654936	0.4021264
47	0.0680815	0.4702079
48	0.06868937	0.53889726
49	0.06728754	0.60618481
50	0.06401929	0.6702041
51	0.0591775	0.72938159
52	0.0531622	0.78254379
53	0.04642737	0.82897116
54	0.03942641	0.86839758
55	0.03256519	0.90096277
56	0.02616846	0.92713123

57	0.02046256	0.94759379
58	0.01557372	0.9631675
59	0.01153888	0.97470638
60	0.00832448	0.98303086
61	0.00584858	0.98887944
62	0.00400237	0.99288181
63	0.00266825	0.99555006
64	0.00173317	0.99728323
65	0.00109704	0.99838026
66	0.00067674	0.99905701
67	0.00040691	0.99946392
68	0.00023851	0.99970243
69	0.00013629	0.99983872
70	0.00007593	0.99991465
71	0.00004125	0.9999559
72	0.00002185	0.99997775
73	0.00001129	0.99998904
74	0.00000569	0.99999473
75	0.0000028	0.99999753
76	0.00000134	0.99999887
77	6.3e-7	0.99999949
78	2.9e-7	0.99999978
79	1.3e-7	0.99999991
80	6e-8	0.99999996
81	2e-8	0.99999998
82	1e-8	0.99999999
83	0	1
...	...	...
160	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 160</b>
Erwartungswert: $\mu = 48$		
Standardabweichung: $\sigma = 5.797$		
1 $\sigma$ -Intervall: $p(43 \leq X \leq 53) = 0.65734892$		
2 $\sigma$ -Intervall: $p(37 \leq X \leq 59) = 0.95321158$		
3 $\sigma$ -Intervall: $p(31 \leq X \leq 65) = 0.99753257$		

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	<b>p = 0.3</b>	<b>n = 170</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
19	0	0
20	1e-8	2e-8

21	3e-8	5e-8
22	9e-8	1.4e-7
23	2.6e-7	4e-7
24	6.8e-7	0.00000108
25	0.0000017	0.00000279
26	0.00000407	0.00000686
27	0.00000931	0.00001618
28	0.00002039	0.00003656
29	0.00004278	0.00007934
30	0.00008617	0.00016552
31	0.00016679	0.00033231
32	0.00031049	0.0006428
33	0.00055647	0.00119927
34	0.00096096	0.00216023
35	0.0016003	0.00376053
36	0.0025719	0.00633243
37	0.00399191	0.01032434
38	0.00598787	0.01631221
39	0.0086857	0.0249979
40	0.012191	0.0371889
41	0.01656616	0.05375506
42	0.02180648	0.07556153
43	0.02781956	0.10338109
44	0.03441316	0.13779425
45	0.04129579	0.17909003
46	0.04809292	0.22718295
47	0.05437862	0.28156157
48	0.05971938	0.34128095
49	0.06372388	0.40500483
50	0.06609077	0.4710956
51	0.06664615	0.53774176
52	0.0653645	0.60310626
53	0.06236936	0.66547562
54	0.05791441	0.72339002
55	0.05234861	0.77573863
56	0.04607211	0.82181074
57	0.03949038	0.86130112
58	0.0329735	0.89427462
59	0.0268259	0.92110052
60	0.0212691	0.94236962
61	0.01643748	0.9588071
62	0.01238492	0.97119202
63	0.00909913	0.98029115
64	0.00651969	0.98681084
65	0.00455662	0.99136745
66	0.00310678	0.99447424
67	0.00206677	0.99654101

68	0.00134167	0.99788267
69	0.00085	0.99873267
70	0.00052561	0.99925829
71	0.00031727	0.99957556
72	0.00018696	0.99976252
73	0.00010757	0.99987009
74	0.00006043	0.99993052
75	0.00003315	0.99996367
76	0.00001776	0.99998142
77	0.00000929	0.99999072
78	0.00000475	0.99999546
79	0.00000237	0.99999783
80	0.00000116	0.99999899
81	5.5e-7	0.99999954
82	2.6e-7	0.99999979
83	1.2e-7	0.99999991
84	5e-8	0.99999996
85	2e-8	0.99999998
86	1e-8	0.99999999
87	0	1
...	...	...
170	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 170</b>
Erwartungswert: $\mu = 51$		
Standardabweichung: $\sigma = 5.975$		
1 $\sigma$ -Intervall: $p(46 \leq X \leq 56) = 0.6427207$		
2 $\sigma$ -Intervall: $p(40 \leq X \leq 62) = 0.94619412$		
3 $\sigma$ -Intervall: $p(34 \leq X \leq 68) = 0.99668341$		

<b>p = 0.3</b>		<b>n = 180</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
21	0	0
22	1e-8	1e-8
23	3e-8	4e-8
24	8e-8	1.3e-7
25	2.2e-7	3.5e-7
26	5.7e-7	9.2e-7
27	0.0000014	0.00000232
28	0.00000328	0.0000056
29	0.00000736	0.00001296

30	0.00001588	0.00002884
31	0.00003292	0.00006176
32	0.0000657	0.00012746
33	0.00012628	0.00025375
34	0.00023399	0.00048774
35	0.00041833	0.00090607
36	0.00072211	0.00162818
37	0.00120445	0.00283262
38	0.00194251	0.00477513
39	0.00303117	0.0078063
40	0.00457923	0.01238552
41	0.00670131	0.01908683
42	0.00950492	0.02859175
43	0.01307321	0.04166495
44	0.01744509	0.05911004
45	0.02259555	0.08170559
46	0.02841986	0.11012545
47	0.03472579	0.14485124
48	0.04123688	0.18608812
49	0.04760876	0.23369688
50	0.05345783	0.28715471
51	0.05839931	0.34555402
52	0.06208938	0.4076434
53	0.06426502	0.47190841
54	0.06477506	0.53668347
55	0.06359733	0.6002808
56	0.06083928	0.66112008
57	0.05672234	0.71784241
58	0.05155306	0.76939547
59	0.04568625	0.81508172
60	0.03948597	0.85456769
61	0.03329028	0.88785797
62	0.02738394	0.91524191
63	0.02198167	0.93722357
64	0.01722224	0.95444582
65	0.01317218	0.96761799
66	0.00983637	0.97745436
67	0.00717279	0.98462715
68	0.00510835	0.9897355
69	0.00355364	0.99328913
70	0.00241502	0.99570415
71	0.00160354	0.99730769
72	0.00104039	0.99834808
73	0.00065966	0.99900774
74	0.00040879	0.99941652
75	0.00024761	0.99966413
76	0.00014661	0.99981074

77	0.00008486	0.9998956
78	0.00004803	0.99994363
79	0.00002658	0.99997021
80	0.00001438	0.99998459
81	0.00000761	0.99999219
82	0.00000394	0.99999613
83	0.00000199	0.99999812
84	9.9e-7	0.99999911
85	4.8e-7	0.99999959
86	2.3e-7	0.99999981
87	1e-7	0.99999992
88	5e-8	0.99999996
89	2e-8	0.99999998
90	1e-8	0.99999999
91	0	1
...	...	...
180	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 180</b>
Erwartungswert: $\mu = 54$		
Standardabweichung: $\sigma = 6.148$		
1 $\sigma$ -Intervall: $p(48 \leq X \leq 60) = 0.70971644$		
2 $\sigma$ -Intervall: $p(42 \leq X \leq 66) = 0.95836753$		
3 $\sigma$ -Intervall: $p(36 \leq X \leq 72) = 0.99744201$		

<b>p = 0.3</b>		<b>n = 190</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
23	0	0
24	1e-8	1e-8
25	3e-8	4e-8
26	7e-8	1.1e-7
27	1.9e-7	3e-7
28	4.8e-7	7.8e-7
29	0.00000114	0.00000192
30	0.00000262	0.00000454
31	0.00000579	0.00001033
32	0.00001234	0.00002267
33	0.00002531	0.00004798
34	0.00005009	0.00009807
35	0.00009568	0.00019375
36	0.00017656	0.00037031



37	0.00031494	0.00068526
38	0.00054346	0.00122871
39	0.00090775	0.00213647
40	0.00146861	0.00360508
41	0.0023027	0.00590778
42	0.00350105	0.00940883
43	0.00516434	0.01457317
44	0.0073944	0.02196757
45	0.01028173	0.0322493
46	0.01388992	0.04613922
47	0.01823843	0.06437765
48	0.02328657	0.08766422
49	0.02892151	0.11658573
50	0.03495371	0.15153944
51	0.04112201	0.19266146
52	0.04710956	0.23977102
53	0.0525697	0.29234072
54	0.05715912	0.34949983
55	0.06057382	0.41007365
56	0.06258264	0.4726563
57	0.06305319	0.53570948
58	0.06196607	0.59767555
59	0.0594154	0.65709095
60	0.05559584	0.7126868
61	0.0507784	0.7634652
62	0.04527936	0.80874456
63	0.03942693	0.84817149
64	0.03353049	0.88170197
65	0.0278561	0.90955807
66	0.02261047	0.93216854
67	0.0179341	0.95010264
68	0.0139027	0.96400534
69	0.01053496	0.97454031
70	0.00780447	0.98234478
71	0.00565314	0.98799792
72	0.00400431	0.99200222
73	0.00277402	0.99477625
74	0.00187969	0.99665594
75	0.00124597	0.99790191
76	0.00080801	0.99870991
77	0.00051269	0.9992226
78	0.00031832	0.99954092
79	0.00019341	0.99973432
80	0.00011501	0.99984933
81	0.00006694	0.99991627
82	0.00003813	0.9999544
83	0.00002126	0.99997567

84	0.00001161	0.99998727
85	0.0000062	0.99999348
86	0.00000325	0.99999673
87	0.00000166	0.99999839
88	8.3e-7	0.99999922
89	4.1e-7	0.99999963
90	2e-7	0.99999983
91	9e-8	0.99999992
92	4e-8	0.99999997
93	2e-8	0.99999999
94	1e-8	0.99999999
95	0	1
...	...	...
190	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 190</b>
Erwartungswert: $\mu = 57$		
Standardabweichung: $\sigma = 6.317$		
1 $\sigma$ -Intervall: $p(51 \leq X \leq 63) = 0.69663204$		
2 $\sigma$ -Intervall: $p(45 \leq X \leq 69) = 0.95257274$		
3 $\sigma$ -Intervall: $p(39 \leq X \leq 75) = 0.99667319$		

	<b>p = 0.3</b>	<b>n = 200</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
25	0	0
26	1e-8	1e-8
27	2e-8	4e-8
28	6e-8	1e-7
29	1.6e-7	2.6e-7
30	3.9e-7	6.5e-7
31	9.2e-7	0.00000157
32	0.00000208	0.00000365
33	0.00000454	0.0000082
34	0.00000957	0.00001776
35	0.00001944	0.00003721
36	0.00003819	0.0000754
37	0.00007255	0.00014795
38	0.00013337	0.00028132
39	0.00023743	0.00051875
40	0.00040957	0.00092831
41	0.00068499	0.0016133

42	0.00111136	0.00272466
43	0.00175011	0.00447478
44	0.00267631	0.00715108
45	0.00397623	0.01112732
46	0.00574207	0.01686939
47	0.00806334	0.02493273
48	0.01101509	0.03594782
49	0.01464397	0.05059179
50	0.01895349	0.06954528
51	0.02389095	0.09343623
52	0.02933861	0.12277484
53	0.03511144	0.15788627
54	0.04096334	0.19884962
55	0.04660245	0.24545207
56	0.05171446	0.29716652
57	0.05599159	0.35315811
58	0.05916353	0.41232164
59	0.06102582	0.47334746
60	0.06146172	0.53480918
61	0.06045415	0.59526332
62	0.05808613	0.65334945
63	0.05452983	0.70787929
64	0.05002625	0.75790554
65	0.04485871	0.80276425
66	0.03932419	0.84208844
67	0.03370645	0.87579489
68	0.02825394	0.90404883
69	0.02316472	0.92721354
70	0.01857905	0.94579259
71	0.01457913	0.96037172
72	0.01119469	0.97156642
73	0.00841245	0.97997887
74	0.00618753	0.9861664
75	0.00445503	0.99062143
76	0.00314029	0.99376172
77	0.00216732	0.99592904
78	0.00146473	0.99739377
79	0.00096942	0.99836319
80	0.00062839	0.99899159
81	0.00039898	0.99939057
82	0.00024815	0.99963872
83	0.00015119	0.99978991
84	0.00009025	0.99988016
85	0.00005279	0.99993295
86	0.00003025	0.9999632
87	0.00001699	0.99998019
88	0.00000935	0.99998954

89	0.00000504	0.99999458
90	0.00000267	0.99999725
91	0.00000138	0.99999863
92	7e-7	0.99999933
93	3.5e-7	0.99999968
94	1.7e-7	0.99999985
95	8e-8	0.99999993
96	4e-8	0.99999997
97	2e-8	0.99999999
98	1e-8	0.99999999
99	0	1
...	...	...
200	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 200</b>
Erwartungswert: $\mu = 60$		
Standardabweichung: $\sigma = 6.481$		
1 $\sigma$ -Intervall: $p(54 \leq X \leq 66) = 0.68420217$		
2 $\sigma$ -Intervall: $p(48 \leq X \leq 72) = 0.94663369$		
3 $\sigma$ -Intervall: $p(41 \leq X \leq 79) = 0.99743488$		

<b>p = 0.3</b>	<b>n = 210</b>	
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
27	0	0
28	1e-8	1e-8
29	2e-8	3e-8
30	5e-8	9e-8
31	1.3e-7	2.2e-7
32	3.2e-7	5.4e-7
33	7.4e-7	0.00000128
34	0.00000165	0.00000293
35	0.00000355	0.00000648
36	0.00000741	0.00001389
37	0.00001493	0.00002881
38	0.00002912	0.00005794
39	0.00005504	0.00011298
40	0.00010085	0.00021383
41	0.00017921	0.00039304
42	0.00030904	0.00070208
43	0.00051747	0.00121956
44	0.00084173	0.00206128

45	0.00133073	0.00339202
46	0.00204569	0.00543771
47	0.00305921	0.00849693
48	0.00445225	0.01294917
49	0.00630843	0.01925761
50	0.00870564	0.02796325
51	0.01170506	0.03966831
52	0.01533877	0.05500708
53	0.01959725	0.07460433
54	0.02441879	0.09902312
55	0.0296831	0.12870623
56	0.03521083	0.16391705
57	0.04077043	0.20468748
58	0.04609268	0.25078016
59	0.05089167	0.30167183
60	0.0548903	0.35656214
61	0.05784693	0.41440906
62	0.05957967	0.47398873
63	0.05998497	0.5339737
64	0.05904771	0.59302141
65	0.05684153	0.64986293
66	0.05351962	0.70338255
67	0.04929739	0.75267994
68	0.04442979	0.79710974
69	0.03918652	0.83629626
70	0.03382837	0.87012462
71	0.02858735	0.89871198
72	0.02365263	0.92236461
73	0.0191628	0.9415274
74	0.01520446	0.95673186
75	0.01181604	0.9685479
76	0.00899529	0.97754319
77	0.00670892	0.98425211
78	0.00490267	0.98915478
79	0.00351077	0.99266555
80	0.00246381	0.99512936
81	0.00169468	0.99682405
82	0.00114258	0.99796663
83	0.00075517	0.9987218
84	0.00048932	0.99921111
85	0.00031086	0.99952197
86	0.00019364	0.99971562
87	0.00011828	0.9998339
88	0.00007086	0.99990476
89	0.00004163	0.99994638
90	0.00002398	0.99997037
91	0.00001355	0.99998392

92	0.00000751	0.99999143
93	0.00000409	0.99999552
94	0.00000218	0.9999977
95	0.00000114	0.99999884
96	5.9e-7	0.99999943
97	2.9e-7	0.99999972
98	1.5e-7	0.99999987
99	7e-8	0.99999994
100	3e-8	0.99999997
101	2e-8	0.99999999
102	1e-8	0.99999999
103	0	1
...	...	...
210	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 210</b>
Erwartungswert: $\mu = 63$		
Standardabweichung: $\sigma = 6.641$		
1 $\sigma$ -Intervall: $p(57 \leq X \leq 69) = 0.67237921$		
2 $\sigma$ -Intervall: $p(50 \leq X \leq 76) = 0.95828558$		
3 $\sigma$ -Intervall: $p(44 \leq X \leq 82) = 0.99674707$		

	<b>p = 0.3</b>	<b>n = 220</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
29	0	0
30	1e-8	1e-8
31	2e-8	3e-8
32	5e-8	7e-8
33	1.1e-7	1.8e-7
34	2.6e-7	4.4e-7
35	5.9e-7	0.00000103
36	0.0000013	0.00000234
37	0.00000277	0.00000511
38	0.00000573	0.00001084
39	0.00001145	0.00002229
40	0.00002221	0.0000445
41	0.00004179	0.00008629
42	0.00007633	0.00016262
43	0.00013541	0.00029803
44	0.00023346	0.00053149
45	0.00039132	0.00092281

46	0.00063802	0.00156083
47	0.0010123	0.00257313
48	0.00156364	0.00413677
49	0.0023523	0.00648907
50	0.0034478	0.00993687
51	0.00492543	0.0148623
52	0.00686042	0.02172272
53	0.00931982	0.03104254
54	0.01235246	0.043395
55	0.01597798	0.05937298
56	0.02017628	0.07954926
57	0.02487902	0.10442827
58	0.02996512	0.1343934
59	0.03526162	0.16965502
60	0.04055087	0.21020589
61	0.04558411	0.25579
62	0.05010051	0.30589051
63	0.05384953	0.35974004
64	0.05661412	0.41635416
65	0.05823167	0.47458583
66	0.0586098	0.53319563
67	0.05773503	0.59093066
68	0.05567306	0.64660372
69	0.0525609	0.69916462
70	0.04859202	0.74775664
71	0.0439968	0.79175343
72	0.03902097	0.8307744
73	0.03390472	0.86467912
74	0.02886483	0.89354394
75	0.02408151	0.91762545
76	0.01969071	0.93731616
77	0.01578179	0.95309796
78	0.01239998	0.96549794
79	0.00955225	0.97505018
80	0.00721536	0.98226554
81	0.00534471	0.98761025
82	0.00388283	0.99149308
83	0.00276677	0.99425984
84	0.00193391	0.99619376
85	0.00132611	0.99751987
86	0.00089215	0.99841202
87	0.00058891	0.99900093
88	0.00038145	0.99938238
89	0.00024246	0.99962484
90	0.00015125	0.99977609
91	0.0000926	0.9998687
92	0.00005565	0.99992434

93	0.00003282	0.99995717
94	0.00001901	0.99997618
95	0.0000108	0.99998698
96	0.00000603	0.99999301
97	0.0000033	0.99999631
98	0.00000178	0.99999809
99	9.4e-7	0.99999903
100	4.9e-7	0.99999951
101	2.5e-7	0.99999976
102	1.2e-7	0.99999988
103	6e-8	0.99999995
104	3e-8	0.99999997
105	1e-8	0.99999999
106	1e-8	0.99999999
107	0	1
...	...	...
220	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 220</b>
Erwartungswert: $\mu = 66$		
Standardabweichung: $\sigma = 6.797$		
1σ-Intervall: $p(60 \leq X \leq 72) = 0.66111938$		
2σ-Intervall: $p(53 \leq X \leq 79) = 0.95332746$		
3σ-Intervall: $p(46 \leq X \leq 86) = 0.99748921$		

<b>p = 0.3</b>		<b>n = 230</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
31	0	0
32	1e-8	1e-8
33	2e-8	2e-8
34	4e-8	6e-8
35	9e-8	1.5e-7
36	2.1e-7	3.6e-7
37	4.7e-7	8.3e-7
38	0.00000102	0.00000186
39	0.00000216	0.00000402
40	0.00000442	0.00000844
41	0.00000878	0.00001723
42	0.00001694	0.00003417
43	0.00003174	0.00006591
44	0.00005782	0.00012373



45	0.00010242	0.00022616
46	0.00017654	0.00040269
47	0.0002962	0.00069889
48	0.00048397	0.00118286
49	0.0007704	0.00195326
50	0.00119522	0.00314847
51	0.00180789	0.00495636
52	0.00266713	0.0076235
53	0.00383895	0.01146244
54	0.00539281	0.01685525
55	0.00739585	0.0242511
56	0.00990515	0.03415625
57	0.01295862	0.04711487
58	0.01656533	0.06368021
59	0.02069664	0.08437685
60	0.02527947	0.10965631
61	0.03019327	0.13984958
62	0.03527187	0.17512145
63	0.0403107	0.21543215
64	0.0450796	0.26051176
65	0.04933987	0.30985163
66	0.05286415	0.36271578
67	0.05545663	0.41817241
68	0.05697121	0.47514362
69	0.05732507	0.53246868
70	0.05650614	0.58897482
71	0.05457333	0.64354815
72	0.05164976	0.69519791
73	0.04790995	0.74310786
74	0.04356291	0.78667077
75	0.03883322	0.825504
76	0.03394257	0.85944657
77	0.02909363	0.8885402
78	0.02445784	0.91299804
79	0.02016776	0.9331658
80	0.01631428	0.94948008
81	0.01294784	0.96242792
82	0.01008307	0.97251099
83	0.00770548	0.98021648
84	0.00577911	0.98599559
85	0.0042542	0.99024979
86	0.00307405	0.99332384
87	0.00218061	0.99550445
88	0.00151864	0.99702309
89	0.00103843	0.99806151
90	0.00069723	0.99875874
91	0.00045971	0.99921845

92	0.00029767	0.99951612
93	0.0001893	0.99970543
94	0.00011824	0.99982367
95	0.00007255	0.99989621
96	0.00004372	0.99993993
97	0.00002589	0.99996582
98	0.00001506	0.99998087
99	0.0000086	0.99998948
100	0.00000483	0.99999431
101	0.00000266	0.99999697
102	0.00000144	0.99999842
103	7.7e-7	0.99999919
104	4e-7	0.99999959
105	2.1e-7	0.9999998
106	1e-7	0.9999999
107	5e-8	0.99999995
108	3e-8	0.99999998
109	1e-8	0.99999999
110	1e-8	1
111	0	1
...	...	...
230	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 230</b>
Erwartungswert: $\mu = 69$		
Standardabweichung: $\sigma = 6.95$		
1σ-Intervall: $p(63 \leq X \leq 75) = 0.65038255$		
2σ-Intervall: $p(56 \leq X \leq 82) = 0.9482599$		
3σ-Intervall: $p(49 \leq X \leq 89) = 0.99687865$		

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<b>p = 0.3</b>		<b>n = 240</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
33	0	0
34	1e-8	1e-8
35	1e-8	2e-8
36	3e-8	5e-8
37	7e-8	1.3e-7
38	1.7e-7	2.9e-7
39	3.7e-7	6.7e-7
40	8e-7	0.00000147
41	0.00000168	0.00000315

42	0.00000341	0.00000657
43	0.00000674	0.0000133
44	0.00001293	0.00002623
45	0.00002413	0.00005035
46	0.00004383	0.00009419
47	0.00007754	0.00017173
48	0.00013362	0.00030535
49	0.00022439	0.00052975
50	0.00036736	0.00089711
51	0.00058654	0.00148365
52	0.00091366	0.00239731
53	0.00138895	0.00378626
54	0.00206138	0.00584765
55	0.00298767	0.00883531
56	0.00422999	0.0130653
57	0.00585202	0.01891732
58	0.00791319	0.02683051
59	0.01046151	0.03729202
60	0.01352524	0.05081726
61	0.01710452	0.06792178
62	0.02116388	0.08908566
63	0.02562702	0.11471268
64	0.03037488	0.14508755
65	0.03524821	0.18033576
66	0.04005478	0.22039055
67	0.04458123	0.26497178
68	0.04860853	0.3135803
69	0.05192961	0.36550991
70	0.05436712	0.41987703
71	0.0557892	0.47566622
72	0.05612127	0.53178749
73	0.05535249	0.58713998
74	0.0535359	0.64067588
75	0.05078263	0.69145851
76	0.04725075	0.73870926
77	0.04313056	0.78183982
78	0.03862792	0.82046774
79	0.03394786	0.8544156
80	0.02928003	0.88369563
81	0.02478733	0.90848296
82	0.02059853	0.92908148
83	0.016805	0.94588648
84	0.01346114	0.95934762
85	0.01058793	0.96993555
86	0.00817838	0.97811393
87	0.00620429	0.98431822
88	0.004623	0.98894122

89	0.00338377	0.99232499
90	0.00243309	0.99475808
91	0.00171882	0.9964769
92	0.00119303	0.99766994
93	0.00081368	0.99848362
94	0.00054534	0.99902896
95	0.00035919	0.99938815
96	0.00023251	0.99962066
97	0.00014793	0.99976859
98	0.00009251	0.9998611
99	0.00005687	0.99991797
100	0.00003436	0.99995233
101	0.00002041	0.99997274
102	0.00001192	0.99998467
103	0.00000685	0.99999151
104	0.00000386	0.99999538
105	0.00000215	0.99999752
106	0.00000117	0.99999869
107	6.3e-7	0.99999932
108	3.3e-7	0.99999965
109	1.7e-7	0.99999983
110	9e-8	0.99999991
111	4e-8	0.99999996
112	2e-8	0.99999998
113	1e-8	0.99999999
114	1e-8	1
115	0	1
...	...	...
240	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 240</b>
Erwartungswert: $\mu = 72$		
Standardabweichung: $\sigma = 7.099$		
1σ-Intervall: $p(65 \leq X \leq 79) = 0.70932804$		
2σ-Intervall: $p(58 \leq X \leq 86) = 0.95919661$		
3σ-Intervall: $p(51 \leq X \leq 93) = 0.99758651$		

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<b>p = 0.3</b>		<b>n = 250</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
35	0	0
36	0	1e-8

37	1e-8	2e-8
38	3e-8	4e-8
39	6e-8	1e-7
40	1.3e-7	2.4e-7
41	3e-7	5.3e-7
42	6.3e-7	0.00000116
43	0.00000131	0.00000247
44	0.00000263	0.0000051
45	0.00000516	0.00001026
46	0.00000986	0.00002013
47	0.00001835	0.00003848
48	0.00003326	0.00007173
49	0.00005875	0.00013049
50	0.00010123	0.00023171
51	0.00017013	0.00040184
52	0.00027903	0.00068087
53	0.00044675	0.00112762
54	0.00069849	0.0018261
55	0.00106678	0.00289288
56	0.001592	0.00448489
57	0.00232217	0.00680706
58	0.00331167	0.01011873
59	0.00461869	0.01473742
60	0.00630122	0.02103864
61	0.00841146	0.02945011
62	0.01098917	0.04043928
63	0.01405418	0.05449345
64	0.01759909	0.07209254
65	0.02158306	0.09367561
66	0.02592771	0.11960331
67	0.03051619	0.1501195
68	0.03519619	0.1853157
69	0.039787	0.2251027
70	0.04409049	0.26919319
71	0.04790516	0.31709836
72	0.05104181	0.36814017
73	0.05333919	0.42147936
74	0.05467782	0.47615719
75	0.05499027	0.53114745
76	0.05426671	0.58541416
77	0.05255514	0.63796931
78	0.04995626	0.68792557
79	0.0466138	0.73453937
80	0.04270157	0.77724094
81	0.03840882	0.81564977
82	0.03392556	0.84957533
83	0.0294294	0.87900473

84	0.02507505	0.90407978
85	0.02098719	0.92506697
86	0.01725691	0.94232387
87	0.01394154	0.95626541
88	0.01106723	0.96733264
89	0.0086335	0.97596615
90	0.00661902	0.98258517
91	0.00498764	0.98757281
92	0.00369426	0.99126708
93	0.00268983	0.99395691
94	0.0019254	0.99588231
95	0.00135502	0.99723732
96	0.00093762	0.99817495
97	0.00063797	0.99881292
98	0.00042686	0.99923978
99	0.00028088	0.99952066
100	0.00018177	0.99970243
101	0.00011569	0.99981812
102	0.00007243	0.99989056
103	0.0000446	0.99993516
104	0.00002702	0.99996218
105	0.0000161	0.99997828
106	0.00000944	0.99998772
107	0.00000544	0.99999316
108	0.00000309	0.99999625
109	0.00000172	0.99999798
110	9.5e-7	0.99999893
111	5.1e-7	0.99999944
112	2.7e-7	0.99999971
113	1.4e-7	0.99999985
114	7e-8	0.99999993
115	4e-8	0.99999996
116	2e-8	0.99999998
117	1e-8	0.99999999
118	0	1
...	...	...
250	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 250</b>
Erwartungswert: $\mu = 75$		
Standardabweichung: $\sigma = 7.246$		
1 $\sigma$ -Intervall: $p(68 \leq X \leq 82) = 0.69945582$		
2 $\sigma$ -Intervall: $p(61 \leq X \leq 89) = 0.95492751$		
3 $\sigma$ -Intervall: $p(54 \leq X \leq 96) = 0.99704733$		

p = 0.3		n = 260
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
37	0	0
38	0	1e-8
39	1e-8	1e-8
40	2e-8	4e-8
41	5e-8	8e-8
42	1.1e-7	1.9e-7
43	2.3e-7	4.2e-7
44	4.9e-7	9.2e-7
45	0.00000101	0.00000193
46	0.00000203	0.00000396
47	0.00000396	0.00000792
48	0.00000753	0.00001544
49	0.00001396	0.0000294
50	0.00002525	0.00005465
51	0.00004455	0.00009921
52	0.00007675	0.00017595
53	0.00012908	0.00030503
54	0.00021206	0.0005171
55	0.0003404	0.0008575
56	0.00053405	0.00139154
57	0.00081914	0.00221069
58	0.00122871	0.0034394
59	0.0018029	0.0052423
60	0.00258846	0.00783076
61	0.00363717	0.01146793
62	0.00500321	0.01647114
63	0.00673902	0.02321016
64	0.00889009	0.03210025
65	0.01148873	0.04358898
66	0.01454742	0.0581364
67	0.01805245	0.07618884
68	0.02195875	0.09814759
69	0.02618683	0.12433443
70	0.03062256	0.15495699
71	0.03512045	0.19007744
72	0.0395105	0.22958794
73	0.04360846	0.2731964
74	0.04722847	0.32042486
75	0.05019711	0.37062198
76	0.05236729	0.42298927
77	0.05363032	0.47661959
78	0.05392499	0.53054458
79	0.0532424	0.58378698

80	0.05162611	0.63541309
81	0.04916773	0.68458082
82	0.04599838	0.73057919
83	0.04227734	0.77285653
84	0.03817902	0.81103556
85	0.03387987	0.84491543
86	0.0295464	0.87446183
87	0.02532549	0.89978732
88	0.02133755	0.92112486
89	0.01767283	0.93879769
90	0.01439073	0.95318843
91	0.01152162	0.96471005
92	0.00907059	0.97378064
93	0.0070224	0.98080304
94	0.00534684	0.98614988
95	0.0040041	0.99015398
96	0.00294945	0.99310343
97	0.00213716	0.99524058
98	0.00152342	0.99676401
99	0.00106838	0.99783238
100	0.00073718	0.99856956
101	0.00050049	0.99907005
102	0.00033436	0.99940441
103	0.00021982	0.99962423
104	0.00014222	0.99976644
105	0.00009055	0.999857
106	0.00005675	0.99991374
107	0.000035	0.99994875
108	0.00002125	0.99997
109	0.0000127	0.9999827
110	0.00000747	0.99999017
111	0.00000433	0.9999945
112	0.00000247	0.99999697
113	0.00000138	0.99999835
114	7.7e-7	0.99999912
115	4.2e-7	0.99999954
116	2.2e-7	0.99999976
117	1.2e-7	0.99999988
118	6e-8	0.99999994
119	3e-8	0.99999997
120	2e-8	0.99999998
121	1e-8	0.99999999
122	0	1
...	...	...
260	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>



<b>p = 0.3</b>	<b>n = 260</b>
Erwartungswert: $\mu = 78$	
Standardabweichung: $\sigma = 7.389$	
1 $\sigma$ -Intervall: $p(71 \leq X \leq 85) = 0.68995844$	
2 $\sigma$ -Intervall: $p(64 \leq X \leq 92) = 0.95057048$	
3 $\sigma$ -Intervall: $p(56 \leq X \leq 100) = 0.99771206$	

<b>p = 0.3</b>		<b>n = 270</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
40	0	0
41	1e-8	1e-8
42	2e-8	3e-8
43	4e-8	7e-8
44	9e-8	1.5e-7
45	1.8e-7	3.4e-7
46	3.8e-7	7.2e-7
47	7.8e-7	0.00000151
48	0.00000156	0.00000307
49	0.00000303	0.0000061
50	0.00000575	0.00001185
51	0.00001063	0.00002248
52	0.00001918	0.00004166
53	0.00003381	0.00007547
54	0.00005823	0.00013369
55	0.000098	0.0002317
56	0.00016126	0.00039296
57	0.00025947	0.00065242
58	0.00040837	0.0010608
59	0.00062887	0.00168967
60	0.0009478	0.00263747
61	0.0013984	0.00403587
62	0.00202027	0.00605614
63	0.00285861	0.00891475
64	0.00396249	0.01287724
65	0.00538202	0.01825926
66	0.00716438	0.02542364
67	0.00934883	0.03477247
68	0.011961	0.04673347
69	0.01500697	0.06174044
70	0.01846776	0.0802082
71	0.02229508	0.10250328

72	0.02640906	0.12891234
73	0.03069859	0.15961093
74	0.03502484	0.19463577
75	0.03922782	0.23386358
76	0.04313585	0.27699944
77	0.04657712	0.32357656
78	0.04939222	0.37296878
79	0.05144651	0.42441529
80	0.0526408	0.47705609
81	0.05291932	0.52997541
82	0.05227397	0.58224938
83	0.05074444	0.63299381
84	0.04841433	0.68140815
85	0.04540369	0.72681184
86	0.04185889	0.76867073
87	0.03794106	0.80661179
88	0.03381435	0.84042614
89	0.02963505	0.8700612
90	0.02554259	0.89560379
91	0.02165306	0.91725685
92	0.01805543	0.93531228
93	0.01481044	0.95012272
94	0.01195189	0.96207461
95	0.00948962	0.97156423
96	0.00741377	0.978978
97	0.00569954	0.98467753
98	0.00431204	0.98898958
99	0.0032107	0.99220027
100	0.00235298	0.99455326
101	0.00169734	0.9962506
102	0.00120526	0.99745585
103	0.00084251	0.99829836
104	0.0005798	0.99887817
105	0.00039285	0.99927101
106	0.00026207	0.99953309
107	0.00017215	0.99970524
108	0.00011135	0.99981659
109	0.00007093	0.99988751
110	0.00004449	0.999932
111	0.00002748	0.99995949
112	0.00001672	0.99997621
113	0.00001002	0.99998623
114	0.00000591	0.99999214
115	0.00000344	0.99999558
116	0.00000197	0.99999755
117	0.00000111	0.99999866
118	6.2e-7	0.99999928

119	3.4e-7	0.99999962
120	1.8e-7	0.9999998
121	1e-7	0.9999999
122	5e-8	0.99999995
123	3e-8	0.99999997
124	1e-8	0.99999999
125	1e-8	0.99999999
126	0	1
...	...	...
270	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 270</b>
Erwartungswert: $\mu = 81$		
Standardabweichung: $\sigma = 7.53$		
1 $\sigma$ -Intervall: $p(74 \leq X \leq 88) = 0.68081522$		
2 $\sigma$ -Intervall: $p(66 \leq X \leq 96) = 0.96071874$		
3 $\sigma$ -Intervall: $p(59 \leq X \leq 103) = 0.99723757$		

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	<b>p = 0.3</b>	<b>n = 280</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
42	0	0
43	1e-8	1e-8
44	1e-8	2e-8
45	3e-8	5e-8
46	7e-8	1.2e-7
47	1.4e-7	2.7e-7
48	3e-7	5.7e-7
49	6.1e-7	0.00000117
50	0.0000012	0.00000238
51	0.00000233	0.0000047
52	0.00000439	0.00000909
53	0.00000809	0.00001718
54	0.00001458	0.00003176
55	0.00002567	0.00005744
56	0.00004421	0.00010164
57	0.00007446	0.0001761
58	0.00012269	0.00029879
59	0.00019785	0.00049664
60	0.00031231	0.00080895
61	0.00048273	0.00129168
62	0.00073077	0.00202246

63	0.00108373	0.00310619
64	0.0015748	0.00468099
65	0.00224279	0.00692379
66	0.00313117	0.01005496
67	0.00428617	0.01434112
68	0.00575391	0.02009503
69	0.00757658	0.02767161
70	0.0097877	0.03745931
71	0.01240694	0.04986625
72	0.01543483	0.06530108
73	0.01884801	0.08414909
74	0.02259578	0.10674487
75	0.02659846	0.13334333
76	0.03074822	0.16409155
77	0.03491264	0.19900419
78	0.03894102	0.2379452
79	0.04267316	0.28061836
80	0.04594985	0.32656821
81	0.04862418	0.37519238
82	0.05057253	0.42576491
83	0.0517041	0.47746902
84	0.0519679	0.52943692
85	0.05135651	0.58079343
86	0.04990625	0.63069967
87	0.04769365	0.67839333
88	0.04482894	0.72322226
89	0.04144698	0.76466924
90	0.03769701	0.80236626
91	0.03373202	0.83609828
92	0.02969885	0.86579712
93	0.02572988	0.891527
94	0.02193687	0.91346387
95	0.01840718	0.93187105
96	0.01520236	0.9470734
97	0.01235891	0.95943231
98	0.00989073	0.96932305
99	0.0077927	0.97711574
100	0.00604491	0.98316065
101	0.00461704	0.9877777
102	0.00347248	0.99125018
103	0.00257185	0.99382203
104	0.0018759	0.99569793
105	0.00134758	0.99704551
106	0.00095348	0.99799899
107	0.00066451	0.9986635
108	0.00045619	0.99911969
109	0.00030851	0.9994282

110	0.00020554	0.99963374
111	0.00013491	0.99976865
112	0.00008724	0.9998559
113	0.00005559	0.99991148
114	0.0000349	0.99994639
115	0.00002159	0.99996798
116	0.00001316	0.99998114
117	0.00000791	0.99998904
118	0.00000468	0.99999372
119	0.00000273	0.99999646
120	0.00000157	0.99999803
121	8.9e-7	0.99999892
122	5e-7	0.99999941
123	2.7e-7	0.99999969
124	1.5e-7	0.99999983
125	8e-8	0.99999991
126	4e-8	0.99999996
127	2e-8	0.99999998
128	1e-8	0.99999999
129	1e-8	0.99999999
130	0	1
...	...	...
280	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 280</b>
Erwartungswert: $\mu = 84$		
Standardabweichung: $\sigma = 7.668$		
1σ-Intervall: $p(77 \leq X \leq 91) = 0.67200673$		
2σ-Intervall: $p(69 \leq X \leq 99) = 0.95702071$		
3σ-Intervall: $p(61 \leq X \leq 107) = 0.99785455$		

<b>p = 0.3</b>		<b>n = 290</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
44	0	0
45	0	1e-8
46	1e-8	2e-8
47	2e-8	4e-8
48	5e-8	1e-7
49	1.1e-7	2.1e-7
50	2.3e-7	4.4e-7
51	4.7e-7	9.1e-7

52	9.3e-7	0.00000184
53	0.00000178	0.00000362
54	0.00000335	0.00000697
55	0.00000617	0.00001314
56	0.00001109	0.00002423
57	0.00001951	0.00004373
58	0.00003359	0.00007732
59	0.0000566	0.00013392
60	0.00009339	0.00022731
61	0.00015091	0.00037822
62	0.00023888	0.00061711
63	0.00037052	0.00098762
64	0.00056322	0.00155084
65	0.00083925	0.00239009
66	0.00122618	0.00361628
67	0.00175692	0.00537319
68	0.00246928	0.00784248
69	0.00340485	0.01124733
70	0.00460697	0.0158543
71	0.00611791	0.02197221
72	0.00797513	0.02994734
73	0.01020692	0.04015426
74	0.01282761	0.05298187
75	0.01583294	0.06881481
76	0.01919595	0.08801076
77	0.0228642	0.11087496
78	0.02675865	0.1376336
79	0.03077486	0.16840847
80	0.03478659	0.20319505
81	0.03865176	0.24184682
82	0.04222065	0.28406747
83	0.04534542	0.32941289
84	0.04789031	0.3773032
85	0.04974154	0.42704474
86	0.05081569	0.47786043
87	0.05106601	0.52892644
88	0.05048572	0.57941216
89	0.0491081	0.62852025
90	0.04700346	0.67552372
91	0.04427328	0.719797
92	0.04104215	0.76083915
93	0.0374486	0.79828775
94	0.03363545	0.8319232
95	0.02974082	0.86166401
96	0.02589044	0.88755446
97	0.02219181	0.90974626
98	0.0187304	0.92847667

99	0.01556813	0.94404479
100	0.01274362	0.95678842
101	0.01027421	0.96706263
102	0.00815893	0.97522156
103	0.0063823	0.98160386
104	0.00491823	0.98652208
105	0.00373384	0.99025592
106	0.00279283	0.99304875
107	0.00205827	0.99510702
108	0.00149469	0.99660171
109	0.0010696	0.99767131
110	0.00075427	0.99842558
111	0.00052421	0.99894979
112	0.00035905	0.99930884
113	0.0002424	0.99955124
114	0.00016129	0.99971253
115	0.00010579	0.99981833
116	0.0000684	0.99988673
117	0.0000436	0.99993032
118	0.00002739	0.99995771
119	0.00001697	0.99997468
120	0.00001036	0.99998505
121	0.00000624	0.99999129
122	0.0000037	0.99999499
123	0.00000217	0.99999716
124	0.00000125	0.99999841
125	7.1e-7	0.99999912
126	4e-7	0.99999952
127	2.2e-7	0.99999974
128	1.2e-7	0.99999986
129	6e-8	0.99999993
130	3e-8	0.99999996
131	2e-8	0.99999998
132	1e-8	0.99999999
133	0	1
...	...	...
290	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 290</b>
Erwartungswert: $\mu = 87$		
Standardabweichung: $\sigma = 7.804$		
1 $\sigma$ -Intervall: $p(80 \leq X \leq 94) = 0.66351473$		
2 $\sigma$ -Intervall: $p(72 \leq X \leq 102) = 0.95324935$		
3 $\sigma$ -Intervall: $p(64 \leq X \leq 110) = 0.99743796$		

	<b>p = 0.3</b>	<b>n = 300</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
46	0	0
47	0	1e-8
48	1e-8	2e-8
49	2e-8	4e-8
50	4e-8	8e-8
51	9e-8	1.7e-7
52	1.8e-7	3.5e-7
53	3.6e-7	7.1e-7
54	7.1e-7	0.00000142
55	0.00000137	0.00000279
56	0.00000256	0.00000535
57	0.0000047	0.00001005
58	0.00000844	0.00001849
59	0.00001483	0.00003332
60	0.00002553	0.00005885
61	0.00004305	0.0001019
62	0.00007112	0.00017302
63	0.00011515	0.00028817
64	0.00018275	0.00047091
65	0.00028436	0.00075528
66	0.00043393	0.0011892
67	0.00064951	0.00183871
68	0.00095379	0.0027925
69	0.00137441	0.00416691
70	0.0019438	0.00611071
71	0.00269864	0.00880935
72	0.0036785	0.01248786
73	0.00492387	0.01741173
74	0.00647327	0.023885
75	0.00835977	0.03224477
76	0.01060685	0.04285161
77	0.01322412	0.05607574
78	0.01620318	0.07227892
79	0.01951414	0.09179306
80	0.02310335	0.11489641
81	0.02689279	0.1417892
82	0.03078147	0.17257067
83	0.03464902	0.20721969
84	0.03836141	0.2455811
85	0.04177848	0.28735958
86	0.04476266	0.33212224
87	0.04718822	0.37931046
88	0.04895012	0.42826057



89	0.04997155	0.47823212
90	0.05020951	0.52844163
91	0.04965776	0.57809938
92	0.04834691	0.6264463
93	0.04634174	0.67278804
94	0.0437359	0.71652394
95	0.04064479	0.75716873
96	0.03719724	0.79436597
97	0.03352682	0.8278928
98	0.02976361	0.8576564
99	0.02602705	0.88368345
100	0.02242044	0.9061039
101	0.01902725	0.92513115
102	0.01590934	0.94104049
103	0.013107	0.95414749
104	0.01064044	0.96478793
105	0.00851235	0.97330028
106	0.00671122	0.9800115
107	0.00521486	0.98522636
108	0.00399392	0.98922028
109	0.00301507	0.99223535
110	0.00224368	0.99447903
111	0.00164594	0.99612497
112	0.00119037	0.99731534
113	0.00084876	0.9981641
114	0.00059668	0.99876078
115	0.0004136	0.99917439
116	0.0002827	0.99945708
117	0.00019054	0.99964762
118	0.00012664	0.99977426
119	0.00008301	0.99985726
120	0.00005366	0.99991092
121	0.00003421	0.99994513
122	0.00002151	0.99996664
123	0.00001334	0.99997998
124	0.00000816	0.99998815
125	0.00000492	0.99999307
126	0.00000293	0.999996
127	0.00000172	0.99999772
128	0.000001	0.99999872
129	5.7e-7	0.99999929
130	3.2e-7	0.99999961
131	1.8e-7	0.99999979
132	1e-7	0.99999989
133	5e-8	0.99999994
134	3e-8	0.99999997
135	1e-8	0.99999998

136	1e-8	0.99999999
137	0	1
...	...	...
300	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 300</b>
Erwartungswert: $\mu = 90$		
Standardabweichung: $\sigma = 7.937$		
1 $\sigma$ -Intervall: $p(83 \leq X \leq 97) = 0.65532213$		
2 $\sigma$ -Intervall: $p(75 \leq X \leq 105) = 0.94941528$		
3 $\sigma$ -Intervall: $p(67 \leq X \leq 113) = 0.9969749$		

<b>p = 0.3</b>		<b>n = 310</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
48	0	0
49	0	1e-8
50	1e-8	1e-8
51	2e-8	3e-8
52	3e-8	6e-8
53	7e-8	1.3e-7
54	1.4e-7	2.7e-7
55	2.8e-7	5.5e-7
56	5.5e-7	0.0000011
57	0.00000105	0.00000215
58	0.00000196	0.0000041
59	0.00000358	0.00000769
60	0.00000642	0.00001411
61	0.00001128	0.00002539
62	0.00001942	0.00004481
63	0.00003276	0.00007757
64	0.00005419	0.00013176
65	0.00008789	0.00021964
66	0.00013982	0.00035947
67	0.00021823	0.0005777
68	0.00033422	0.00091192
69	0.00050237	0.00141429
70	0.00074125	0.00215554
71	0.00107385	0.00322939
72	0.00152768	0.00475707
73	0.00213456	0.00689163
74	0.00292987	0.00982151

75	0.00395114	0.01377265
76	0.00523601	0.01900866
77	0.00681944	0.02582809
78	0.00873038	0.03455847
79	0.01098796	0.04554644
80	0.01359761	0.05914404
81	0.01654735	0.07569139
82	0.01980493	0.09549632
83	0.02331596	0.11881228
84	0.02700369	0.14581597
85	0.03077059	0.17658656
86	0.0345019	0.21108846
87	0.03807107	0.24915953
88	0.04134666	0.29050619
89	0.04420045	0.33470664
90	0.04651571	0.38122234
91	0.04819524	0.42941758
92	0.04916812	0.4785857
93	0.0493947	0.52798041
94	0.04886923	0.57684964
95	0.04761994	0.62446958
96	0.04570664	0.67017621
97	0.043216	0.71339221
98	0.04025513	0.75364735
99	0.03694411	0.79059145
100	0.03340803	0.82399948
101	0.02976953	0.85376901
102	0.02614215	0.87991116
103	0.02262511	0.90253626
104	0.01929971	0.92183598
105	0.01622751	0.93806349
106	0.01345003	0.95151352
107	0.01098988	0.96250339
108	0.00885296	0.97135635
109	0.00703131	0.97838766
110	0.00550634	0.983894
111	0.004252	0.988146
112	0.00323781	0.99138381
113	0.00243143	0.99381524
114	0.00180072	0.99561596
115	0.00131531	0.99693127
116	0.0009476	0.99787887
117	0.00067339	0.99855226
118	0.00047202	0.99902428
119	0.00032639	0.99935068
120	0.00022265	0.99957333
121	0.00014983	0.99972316

122	0.00009948	0.99982264
123	0.00006516	0.9998878
124	0.00004212	0.99992992
125	0.00002686	0.99995678
126	0.0000169	0.99997368
127	0.00001049	0.99998417
128	0.00000643	0.9999906
129	0.00000389	0.99999449
130	0.00000232	0.99999681
131	0.00000137	0.99999818
132	7.9e-7	0.99999897
133	4.6e-7	0.99999943
134	2.6e-7	0.99999968
135	1.4e-7	0.99999983
136	8e-8	0.99999991
137	4e-8	0.99999995
138	2e-8	0.99999997
139	1e-8	0.99999999
140	1e-8	0.99999999
141	0	1
...	...	...
310	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 310</b>
Erwartungswert: $\mu = 93$		
Standardabweichung: $\sigma = 8.068$		
1 $\sigma$ -Intervall: $p(85 \leq X \leq 101) = 0.70795304$		
2 $\sigma$ -Intervall: $p(77 \leq X \leq 109) = 0.959379$		
3 $\sigma$ -Intervall: $p(69 \leq X \leq 117) = 0.99764034$		

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<b>p = 0.3</b>		<b>n = 320</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
51	0	0
52	1e-8	1e-8
53	1e-8	2e-8
54	3e-8	5e-8
55	5e-8	1e-7
56	1.1e-7	2.1e-7
57	2.2e-7	4.3e-7
58	4.2e-7	8.5e-7
59	8e-7	0.00000165

60	0.0000015	0.00000315
61	0.00000273	0.00000588
62	0.00000489	0.00001077
63	0.00000859	0.00001936
64	0.00001478	0.00003414
65	0.00002494	0.00005908
66	0.0000413	0.00010038
67	0.0000671	0.00016748
68	0.000107	0.00027448
69	0.00016747	0.00044195
70	0.00025736	0.00069931
71	0.00038837	0.00108768
72	0.00057562	0.00166331
73	0.00083809	0.0025014
74	0.00119889	0.00370028
75	0.00168529	0.00538558
76	0.00232837	0.00771395
77	0.00316209	0.01087603
78	0.00422191	0.01509794
79	0.00554268	0.02064062
80	0.007156	0.02779663
81	0.00908699	0.03688361
82	0.01135082	0.04823443
83	0.0139492	0.06218363
84	0.01686714	0.07905077
85	0.02007048	0.09912125
86	0.02350447	0.12262571
87	0.02709382	0.14971953
88	0.03074445	0.18046398
89	0.03434693	0.21481091
90	0.03778162	0.25259252
91	0.04092514	0.29351767
92	0.04365772	0.33717539
93	0.04587079	0.38304618
94	0.04747417	0.43052036
95	0.04840224	0.4789226
96	0.04861832	0.52754092
97	0.0481171	0.57565802
98	0.0469247	0.62258272
99	0.04509646	0.66767918
100	0.04271279	0.71039197
101	0.03987333	0.7502653
102	0.03669016	0.78695546
103	0.03328067	0.82023613
104	0.0297606	0.84999674
105	0.02623792	0.87623466
106	0.02280789	0.89904255

107	0.01954962	0.91859217
108	0.01652409	0.93511626
109	0.01377368	0.94888994
110	0.01132304	0.96021298
111	0.00918084	0.96939383
112	0.00734233	0.97673616
113	0.00579218	0.98252834
114	0.00450745	0.98703579
115	0.00346038	0.99049617
116	0.00262085	0.99311702
117	0.00195844	0.99507546
118	0.00144393	0.99651939
119	0.00105045	0.99756984
120	0.00075407	0.99832391
121	0.00053417	0.99885808
122	0.00037342	0.9992315
123	0.00025762	0.99948912
124	0.00017541	0.99966453
125	0.00011787	0.99978241
126	0.00007818	0.99986059
127	0.00005118	0.99991177
128	0.00003307	0.99994485
129	0.0000211	0.99996594
130	0.00001328	0.99997923
131	0.00000826	0.99998749
132	0.00000507	0.99999255
133	0.00000307	0.99999562
134	0.00000184	0.99999746
135	0.00000108	0.99999854
136	6.3e-7	0.99999917
137	3.6e-7	0.99999954
138	2.1e-7	0.99999974
139	1.2e-7	0.99999986
140	6e-8	0.99999992
141	4e-8	0.99999996
142	2e-8	0.99999998
143	1e-8	0.99999999
144	1e-8	0.99999999
145	0	1
...	...	...
320	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 320</b>
Erwartungswert: $\mu = 96$		
Standardabweichung: $\sigma = 8.198$		
$1\sigma$ -Intervall: $p(88 \leq X \leq 104) = 0.7002772$		

2 $\sigma$ -Intervall:  
 $p(80 \leq X \leq 112) = 0.95609553$

3 $\sigma$ -Intervall:  
 $p(72 \leq X \leq 120) = 0.99723623$

p = 0.3		n = 330
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
53	0	0
54	0	1e-8
55	1e-8	2e-8
56	2e-8	4e-8
57	4e-8	8e-8
58	8e-8	1.7e-7
59	1.7e-7	3.3e-7
60	3.2e-7	6.6e-7
61	6.2e-7	0.00000127
62	0.00000114	0.00000242
63	0.00000208	0.0000045
64	0.00000373	0.00000823
65	0.00000654	0.00001477
66	0.00001125	0.00002602
67	0.000019	0.00004501
68	0.00003149	0.00007651
69	0.00005125	0.00012775
70	0.00008189	0.00020964
71	0.00012852	0.00033816
72	0.00019813	0.0005363
73	0.00030011	0.0008364
74	0.00044669	0.00128309
75	0.00065344	0.00193653
76	0.00093963	0.00287616
77	0.00132838	0.00420453
78	0.00184659	0.00605112
79	0.00252445	0.00857557
80	0.00339449	0.01197006
81	0.00449006	0.01646012
82	0.00584334	0.02230346
83	0.00748269	0.02978614
84	0.00942972	0.03921586
85	0.01169602	0.05091188
86	0.01428002	0.0651919
87	0.01716416	0.08235606
88	0.02031278	0.10266884
89	0.02367108	0.12633992
90	0.02716538	0.15350529

91	0.03070498	0.18421027
92	0.03418551	0.21839578
93	0.03749379	0.25588957
94	0.0405138	0.29640338
95	0.04313349	0.33953687
96	0.04525166	0.38478853
97	0.04678448	0.43157301
98	0.04767107	0.47924407
99	0.04787744	0.52712151
100	0.04739866	0.57452017
101	0.04625895	0.62077912
102	0.04450966	0.66528878
103	0.04222553	0.70751431
104	0.03949943	0.74701374
105	0.03643621	0.78344995
106	0.03314615	0.8165961
107	0.0297386	0.8463347
108	0.0263163	0.872651
109	0.02297072	0.89562172
110	0.01977868	0.9154004
111	0.01680042	0.93220082
112	0.01407893	0.94627975
113	0.01164048	0.95792023
114	0.00949618	0.96741641
115	0.00764413	0.97506054
116	0.006072	0.98113254
117	0.00475974	0.98589227
118	0.00368217	0.98957444
119	0.00281136	0.9923858
120	0.00211856	0.99450436
121	0.00157579	0.99608014
122	0.00115693	0.99723707
123	0.00083847	0.99807554
124	0.00059987	0.99867542
125	0.00042368	0.9990991
126	0.00029543	0.99939453
127	0.00020337	0.9995979
128	0.00013823	0.99973613
129	0.00009277	0.9998289
130	0.00006147	0.99989037
131	0.00004022	0.99993059
132	0.00002599	0.99995658
133	0.00001658	0.99997316
134	0.00001045	0.9999836
135	0.0000065	0.9999901
136	0.00000399	0.9999941
137	0.00000242	0.99999652



138	0.00000145	0.99999797
139	8.6e-7	0.99999883
140	5e-7	0.99999934
141	2.9e-7	0.99999963
142	1.7e-7	0.99999979
143	9e-8	0.99999989
144	5e-8	0.99999994
145	3e-8	0.99999997
146	2e-8	0.99999998
147	1e-8	0.99999999
148	0	1
...	...	...
330	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 330</b>
Erwartungswert: $\mu = 99$		
Standardabweichung: $\sigma = 8.325$		
1σ-Intervall: $p(91 \leq X \leq 107) = 0.69282941$		
2σ-Intervall: $p(83 \leq X \leq 115) = 0.95275708$		
3σ-Intervall: $p(75 \leq X \leq 123) = 0.99679245$		

<b>p = 0.3</b>	<b>n = 340</b>	
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
55	0	0
56	0	1e-8
57	1e-8	1e-8
58	2e-8	3e-8
59	3e-8	6e-8
60	7e-8	1.3e-7
61	1.3e-7	2.6e-7
62	2.5e-7	5.1e-7
63	4.7e-7	9.8e-7
64	8.7e-7	0.00000185
65	0.00000159	0.00000344
66	0.00000284	0.00000629
67	0.00000498	0.00001127
68	0.00000857	0.00001984
69	0.00001448	0.00003431
70	0.00002402	0.00005833
71	0.00003915	0.00009748
72	0.00006268	0.00016017

73	0.00009863	0.00025879
74	0.00015251	0.0004113
75	0.00023181	0.00064311
76	0.00034641	0.00098953
77	0.00050901	0.00149854
78	0.00073555	0.0022341
79	0.00104547	0.00327957
80	0.00146179	0.00474136
81	0.00201093	0.00675229
82	0.00272212	0.00947441
83	0.00362636	0.01310077
84	0.00475498	0.01785575
85	0.00613752	0.02399327
86	0.00779934	0.0317926
87	0.00975877	0.04155138
88	0.0120242	0.05357558
89	0.01459117	0.06816675
90	0.01743992	0.08560667
91	0.02053366	0.10614033
92	0.02381777	0.1299581
93	0.02722031	0.15717841
94	0.03065387	0.18783228
95	0.03401888	0.22185117
96	0.03720816	0.25905932
97	0.04011247	0.29917179
98	0.04262681	0.34179861
99	0.04465666	0.38645527
100	0.04612395	0.43257922
101	0.04697206	0.47955128
102	0.04716942	0.52672069
103	0.04671146	0.57343216
104	0.04562067	0.61905283
105	0.04394481	0.66299764
106	0.04175349	0.70475114
107	0.03913345	0.74388459
108	0.03618291	0.7800675
109	0.03300564	0.81307314
110	0.02970508	0.84277822
111	0.02637903	0.86915725
112	0.0231153	0.89227254
113	0.01998845	0.91226099
114	0.01705781	0.9293188
115	0.0143667	0.9436855
116	0.01194276	0.95562827
117	0.00979919	0.96542746
118	0.00793663	0.97336409
119	0.0063455	0.97970959

120	0.00500841	0.984718
121	0.00390266	0.98862065
122	0.00300239	0.99162305
123	0.00228056	0.99390361
124	0.00171042	0.99561404
125	0.00126669	0.99688073
126	0.00092632	0.99780705
127	0.00066895	0.998476
128	0.00047708	0.99895308
129	0.00033601	0.99928909
130	0.00023373	0.99952282
131	0.00016058	0.9996834
132	0.00010896	0.99979237
133	0.00007303	0.9998654
134	0.00004835	0.99991375
135	0.00003162	0.99994537
136	0.00002043	0.9999658
137	0.00001304	0.99997884
138	0.00000822	0.99998705
139	0.00000512	0.99999217
140	0.00000315	0.99999532
141	0.00000191	0.99999724
142	0.00000115	0.99999839
143	6.8e-7	0.99999907
144	4e-7	0.99999947
145	2.3e-7	0.9999997
146	1.3e-7	0.99999983
147	8e-8	0.99999991
148	4e-8	0.99999995
149	2e-8	0.99999997
150	1e-8	0.99999999
151	1e-8	0.99999999
152	0	1
...	...	...
340	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 340</b>
Erwartungswert: $\mu = 102$		
Standardabweichung: $\sigma = 8.45$		
1σ-Intervall: $p(94 \leq X \leq 110) = 0.68559981$		
2σ-Intervall: $p(86 \leq X \leq 118) = 0.94937083$		
3σ-Intervall: $p(77 \leq X \leq 127) = 0.99748647$		

p = 0.3		n = 350
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
57	0	0
58	0	1e-8
59	1e-8	1e-8
60	1e-8	2e-8
61	3e-8	5e-8
62	5e-8	1e-7
63	1e-7	2e-7
64	1.9e-7	3.9e-7
65	3.6e-7	7.5e-7
66	6.7e-7	0.00000142
67	0.00000121	0.00000264
68	0.00000217	0.0000048
69	0.0000038	0.0000086
70	0.00000653	0.00001513
71	0.00001104	0.00002617
72	0.00001833	0.00004449
73	0.00002991	0.00007441
74	0.00004799	0.0001224
75	0.00007569	0.00019809
76	0.00011737	0.00031546
77	0.000179	0.00049446
78	0.0002685	0.00076295
79	0.00039619	0.00115914
80	0.00057518	0.00173432
81	0.00082169	0.00255601
82	0.00115523	0.00371124
83	0.00159863	0.00530988
84	0.00217773	0.00748761
85	0.00292072	0.01040833
86	0.0038571	0.01426543
87	0.00501613	0.01928156
88	0.00642488	0.02570644
89	0.00810587	0.03381231
90	0.01007444	0.04388675
91	0.01233604	0.05622279
92	0.01488371	0.0711065
93	0.01769584	0.08880233
94	0.02073479	0.10953712
95	0.02394634	0.13348346
96	0.02726034	0.1607438
97	0.03059261	0.19133641
98	0.03384809	0.2251845
99	0.03692519	0.26210968

100	0.03972095	0.30183063
101	0.04213679	0.34396743
102	0.04408429	0.38805172
103	0.04549059	0.43354231
104	0.04630292	0.47984523
105	0.04649191	0.52633714
106	0.04605331	0.57239045
107	0.04500804	0.61739849
108	0.04340061	0.6607991
109	0.04129599	0.70209509
110	0.03877533	0.74087042
111	0.03593081	0.77680123
112	0.03286019	0.80966142
113	0.02966141	0.83932283
114	0.02642765	0.86575047
115	0.0232432	0.88899367
116	0.02018036	0.90917403
117	0.01729745	0.92647149
118	0.01463792	0.94110941
119	0.01223048	0.95333989
120	0.01009015	0.96343003
121	0.00821984	0.97164987
122	0.00661244	0.97826231
123	0.00525309	0.98351541
124	0.00412138	0.98763678
125	0.00319348	0.99083026
126	0.00244399	0.99327425
127	0.00184742	0.99512167
128	0.00137938	0.99650106
129	0.00101735	0.99751841
130	0.00074121	0.99825962
131	0.00053348	0.9987931
132	0.00037932	0.99917243
133	0.00026646	0.99943889
134	0.00018493	0.99962383
135	0.00012681	0.99975064
136	0.00008592	0.99983656
137	0.00005752	0.99989407
138	0.00003805	0.99993212
139	0.00002487	0.99995699
140	0.00001606	0.99997306
141	0.00001025	0.99998331
142	0.00000647	0.99998978
143	0.00000403	0.99999381
144	0.00000248	0.99999629
145	0.00000151	0.9999978
146	9.1e-7	0.99999871

147	5.4e-7	0.99999926
148	3.2e-7	0.99999957
149	1.8e-7	0.99999976
150	1.1e-7	0.99999987
151	6e-8	0.99999993
152	3e-8	0.99999996
153	2e-8	0.99999998
154	1e-8	0.99999999
155	1e-8	0.99999999
156	0	1
...	...	...
350	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 350</b>
Erwartungswert: $\mu = 105$		
Standardabweichung: $\sigma = 8.573$		
1 $\sigma$ -Intervall: $p(97 \leq X \leq 113) = 0.67857903$		
2 $\sigma$ -Intervall: $p(88 \leq X \leq 122) = 0.95898075$		
3 $\sigma$ -Intervall: $p(80 \leq X \leq 130) = 0.99710048$		

<b>p = 0.3</b>		<b>n = 360</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
60	0	0
61	0	1e-8
62	1e-8	2e-8
63	2e-8	4e-8
64	4e-8	8e-8
65	8e-8	1.5e-7
66	1.5e-7	3e-7
67	2.8e-7	5.8e-7
68	5.1e-7	0.00000109
69	9.3e-7	0.00000202
70	0.00000165	0.00000367
71	0.00000289	0.00000657
72	0.00000498	0.00001154
73	0.00000842	0.00001996
74	0.00001399	0.00003395
75	0.00002286	0.00005682
76	0.00003675	0.00009356
77	0.00005808	0.00015165
78	0.00009032	0.00024196

79	0.00013817	0.00038014
80	0.000208	0.00058813
81	0.00030815	0.00089628
82	0.00044933	0.00134562
83	0.000645	0.00199062
84	0.00091156	0.00290217
85	0.00126852	0.00417069
86	0.00173842	0.00590911
87	0.00234644	0.00825555
88	0.0031197	0.01137525
89	0.00408615	0.0154614
90	0.00527308	0.02073448
91	0.00670517	0.02743965
92	0.00840229	0.03584194
93	0.01037702	0.04621896
94	0.01263221	0.05885117
95	0.01515865	0.07400982
96	0.01793323	0.09194305
97	0.02091769	0.11286074
98	0.0240584	0.13691914
99	0.02728701	0.16420615
100	0.03052247	0.19472863
101	0.03367402	0.22840265
102	0.03664525	0.2650479
103	0.03933901	0.30438691
104	0.04166261	0.34604952
105	0.04353317	0.38958269
106	0.04488258	0.43446527
107	0.04566159	0.48012686
108	0.04584278	0.52596964
109	0.04542221	0.57139185
110	0.04441938	0.61581123
111	0.04287585	0.65868708
112	0.04085237	0.69953945
113	0.03842499	0.73796444
114	0.03568034	0.77364478
115	0.03271068	0.80635546
116	0.0296088	0.83596426
117	0.02646354	0.86242781
118	0.02335584	0.88578365
119	0.02035575	0.9061394
120	0.01752048	0.92365988
121	0.01489345	0.93855333
122	0.01250422	0.95105754
123	0.01036935	0.96142689
124	0.00849379	0.96992068
125	0.00687269	0.97679337

126	0.00549348	0.98228685
127	0.00433793	0.98662478
128	0.00338417	0.99000894
129	0.00260839	0.99261734
130	0.00198639	0.99460373
131	0.00149467	0.9960984
132	0.00111113	0.99720969
133	0.00081646	0.99802615
134	0.00059276	0.99861892
135	0.00042528	0.9990442
136	0.00030154	0.99934574
137	0.0002113	0.99955704
138	0.00014633	0.99970337
139	0.00010016	0.99980353
140	0.00006776	0.9998713
141	0.00004531	0.99991661
142	0.00002995	0.99994656
143	0.00001957	0.99996613
144	0.00001264	0.99997876
145	0.00000807	0.99998683
146	0.00000509	0.99999192
147	0.00000318	0.9999951
148	0.00000196	0.99999706
149	0.00000119	0.99999826
150	7.2e-7	0.99999898
151	4.3e-7	0.99999941
152	2.5e-7	0.99999966
153	1.5e-7	0.99999981
154	8e-8	0.99999989
155	5e-8	0.99999994
156	3e-8	0.99999997
157	2e-8	0.99999998
158	1e-8	0.99999999
159	0	0.99999999
160	0	1
...	...	...
360	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 360</b>
Erwartungswert: $\mu = 108$		
Standardabweichung: $\sigma = 8.695$		
1 $\sigma$ -Intervall: $p(100 \leq X \leq 116) = 0.67175811$		
2 $\sigma$ -Intervall: $p(91 \leq X \leq 125) = 0.95605889$		
3 $\sigma$ -Intervall: $p(82 \leq X \leq 134) = 0.99772264$		



p = 0.3		n = 370
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
62	0	0
63	0	1e-8
64	1e-8	1e-8
65	2e-8	3e-8
66	3e-8	6e-8
67	6e-8	1.2e-7
68	1.1e-7	2.3e-7
69	2.1e-7	4.5e-7
70	3.9e-7	8.4e-7
71	7.1e-7	0.00000155
72	0.00000126	0.00000281
73	0.00000221	0.00000501
74	0.0000038	0.00000881
75	0.00000642	0.00001523
76	0.00001068	0.00002591
77	0.00001748	0.00004339
78	0.00002814	0.00007153
79	0.00004458	0.00011611
80	0.00006949	0.0001856
81	0.00010663	0.00029223
82	0.00016106	0.00045329
83	0.00023951	0.0006928
84	0.00035071	0.00104351
85	0.00050573	0.00154924
86	0.00071827	0.0022675
87	0.00100487	0.00327237
88	0.00138495	0.00465732
89	0.00188069	0.00653801
90	0.00251654	0.00905456
91	0.00331852	0.01237308
92	0.00431304	0.01668612
93	0.00552547	0.02221159
94	0.00697821	0.0291898
95	0.00868866	0.03787846
96	0.01066688	0.04854534
97	0.01291337	0.06145871
98	0.01541698	0.07687569
99	0.01815333	0.09502902
100	0.02108379	0.11611281
101	0.02415541	0.14026822
102	0.0273017	0.16756992
103	0.03044461	0.19801454
104	0.03349744	0.23151198

105	0.03636865	0.26788062
106	0.03896641	0.30684703
107	0.04120347	0.3480505
108	0.04300203	0.39105253
109	0.04429829	0.43535082
110	0.04504618	0.48039701
111	0.04522011	0.52561711
112	0.04481636	0.57043347
113	0.04385317	0.61428664
114	0.04236942	0.65665606
115	0.040422	0.69707807
116	0.03808231	0.73516037
117	0.03543189	0.77059226
118	0.03255788	0.80315014
119	0.02954832	0.83269846
120	0.02648796	0.85918643
121	0.02345451	0.88264094
122	0.02051583	0.90315677
123	0.01772797	0.92088473
124	0.01513413	0.93601886
125	0.01276456	0.94878342
126	0.01063713	0.95942055
127	0.00875858	0.96817913
128	0.00712612	0.97530525
129	0.00572931	0.98103456
130	0.00455197	0.98558653
131	0.00357406	0.98916059
132	0.00277338	0.99193397
133	0.00212695	0.99406092
134	0.00161222	0.99567314
135	0.00120789	0.99688103
136	0.0008945	0.99777553
137	0.00065478	0.99843031
138	0.0004738	0.99890411
139	0.00033892	0.99924303
140	0.00023966	0.99948269
141	0.00016755	0.99965023
142	0.0001158	0.99976603
143	0.00007913	0.99984516
144	0.00005346	0.99989862
145	0.00003571	0.99993433
146	0.00002358	0.99995791
147	0.0000154	0.99997331
148	0.00000995	0.99998326
149	0.00000635	0.99998961
150	0.00000401	0.99999362
151	0.0000025	0.99999612

152	0.00000155	0.99999767
153	9.4e-7	0.99999862
154	5.7e-7	0.99999919
155	3.4e-7	0.99999953
156	2e-7	0.99999973
157	1.2e-7	0.99999984
158	7e-8	0.99999991
159	4e-8	0.99999995
160	2e-8	0.99999997
161	1e-8	0.99999999
162	1e-8	0.99999999
163	0	1
...	...	...
370	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 370</b>
Erwartungswert: $\mu = 111$		
Standardabweichung: $\sigma = 8.815$		
1 $\sigma$ -Intervall: $p(103 \leq X \leq 119) = 0.66512854$		
2 $\sigma$ -Intervall: $p(94 \leq X \leq 128) = 0.95309366$		
3 $\sigma$ -Intervall: $p(85 \leq X \leq 137) = 0.9973868$		

<b>p = 0.3</b>		<b>n = 380</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
64	0	0
65	0	1e-8
66	1e-8	1e-8
67	1e-8	2e-8
68	2e-8	5e-8
69	5e-8	9e-8
70	9e-8	1.8e-7
71	1.6e-7	3.4e-7
72	3e-7	6.4e-7
73	5.4e-7	0.00000118
74	9.6e-7	0.00000215
75	0.00000168	0.00000383
76	0.0000029	0.00000673
77	0.0000049	0.00001163
78	0.00000816	0.00001979
79	0.00001337	0.00003315
80	0.00002155	0.00005471

81	0.00003421	0.00008892
82	0.00005346	0.00014238
83	0.00008227	0.00022465
84	0.00012466	0.00034931
85	0.00018605	0.00053535
86	0.00027351	0.00080886
87	0.00039611	0.00120497
88	0.00056523	0.0017702
89	0.00079477	0.00256498
90	0.00110133	0.0036663
91	0.00150417	0.00517047
92	0.00202502	0.00719549
93	0.00268758	0.00988307
94	0.00351673	0.0133998
95	0.00453737	0.01793717
96	0.005773	0.02371017
97	0.00724388	0.03095405
98	0.00896509	0.03991915
99	0.0109444	0.05086355
100	0.01318019	0.06404373
101	0.01565963	0.07970336
102	0.01835729	0.09806065
103	0.02123437	0.11929503
104	0.02423869	0.14353371
105	0.02730562	0.17083934
106	0.03036003	0.20119936
107	0.03331901	0.23451837
108	0.0360956	0.27061397
109	0.03860289	0.30921687
110	0.04075864	0.3499755
111	0.0424897	0.39246521
112	0.04373621	0.43620142
113	0.04445501	0.48065643
114	0.04462213	0.52527856
115	0.04423412	0.56951268
116	0.04330803	0.61282071
117	0.04188029	0.654701
118	0.0400043	0.6947053
119	0.03774716	0.73245246
120	0.03518574	0.7676382
121	0.03240245	0.80004065
122	0.02948092	0.82952157
123	0.02650201	0.85602359
124	0.02354038	0.87956397
125	0.02066173	0.9002257
126	0.01792089	0.91814659
127	0.01536076	0.93350735

128	0.01301207	0.94651942
129	0.01089383	0.95741325
130	0.00901434	0.96642759
131	0.00737269	0.97380028
132	0.00596039	0.97976067
133	0.00476319	0.98452386
134	0.00376282	0.98828668
135	0.00293858	0.99122527
136	0.00226876	0.99349402
137	0.00173173	0.99522576
138	0.00130687	0.99653262
139	0.00097511	0.99750774
140	0.00071939	0.99822713
141	0.00052479	0.99875192
142	0.00037854	0.99913046
143	0.00027001	0.99940047
144	0.00019045	0.99959092
145	0.00013285	0.99972377
146	0.00009164	0.99981541
147	0.00006252	0.99987793
148	0.00004218	0.99992011
149	0.00002815	0.99994826
150	0.00001858	0.99996684
151	0.00001213	0.99997897
152	0.00000783	0.9999868
153	0.000005	0.9999918
154	0.00000316	0.99999496
155	0.00000197	0.99999693
156	0.00000122	0.99999815
157	7.5e-7	0.9999989
158	4.5e-7	0.99999935
159	2.7e-7	0.99999962
160	1.6e-7	0.99999978
161	9e-8	0.99999988
162	5e-8	0.99999993
163	3e-8	0.99999996
164	2e-8	0.99999998
165	1e-8	0.99999999
166	1e-8	0.99999999
167	0	1
...	...	...
380	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 380</b>
Erwartungswert: $\mu = 114$		
Standardabweichung: $\sigma = 8.933$		

$1\sigma$ -Intervall: $p(106 \leq X \leq 122) = 0.65868224$
$2\sigma$ -Intervall: $p(97 \leq X \leq 131) = 0.95009011$
$3\sigma$ -Intervall: $p(88 \leq X \leq 140) = 0.99702216$

<b>p = 0.3</b>		<b>n = 390</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
67	0	0
68	0	1e-8
69	1e-8	2e-8
70	2e-8	4e-8
71	4e-8	7e-8
72	7e-8	1.4e-7
73	1.2e-7	2.6e-7
74	2.3e-7	4.9e-7
75	4.1e-7	9.1e-7
76	7.4e-7	0.00000164
77	0.00000129	0.00000293
78	0.00000221	0.00000514
79	0.00000374	0.00000888
80	0.00000623	0.00001511
81	0.00001022	0.00002534
82	0.00001651	0.00004185
83	0.00002626	0.00006811
84	0.00004113	0.00010923
85	0.00006346	0.00017269
86	0.00009645	0.00026914
87	0.00014444	0.00041358
88	0.00021314	0.00062672
89	0.00030996	0.00093668
90	0.00044427	0.00138095
91	0.0006277	0.00200865
92	0.0008743	0.00288295
93	0.00120065	0.0040836
94	0.0016258	0.0057094
95	0.002171	0.0078804
96	0.00285913	0.01073952
97	0.00371392	0.01445344
98	0.00475879	0.01921223
99	0.00601544	0.02522768
100	0.00750212	0.03272979
101	0.00923174	0.04196154
102	0.01120997	0.05317151

103	0.01343331	0.06660482
104	0.01588747	0.0824923
105	0.01854619	0.10103849
106	0.02137061	0.12240911
107	0.02430943	0.14671854
108	0.02729988	0.17401841
109	0.03026959	0.204288
110	0.0331393	0.23742731
111	0.03582627	0.27325358
112	0.0382482	0.31150178
113	0.04032743	0.35182921
114	0.04199511	0.39382433
115	0.04319497	0.4370193
116	0.04388652	0.48090581
117	0.04404727	0.52495308
118	0.04367399	0.56862707
119	0.04278268	0.61140976
120	0.04140753	0.65281729
121	0.0395987	0.69241598
122	0.03741938	0.72983536
123	0.03494214	0.7647775
124	0.03224499	0.79702249
125	0.02940743	0.82642992
126	0.0265067	0.85293662
127	0.02361452	0.87655113
128	0.02079448	0.89734561
129	0.01810018	0.91544579
130	0.01557411	0.9310199
131	0.01324733	0.94426723
132	0.0111398	0.95540704
133	0.00926123	0.96466827
134	0.00761238	0.97228065
135	0.00618657	0.97846721
136	0.00497135	0.98343856
137	0.00395012	0.98738869
138	0.00310367	0.99049235
139	0.00241148	0.99290384
140	0.0018529	0.99475674
141	0.00140798	0.99616472
142	0.00105811	0.99722284
143	0.00078645	0.99800928
144	0.00057813	0.99858742
145	0.00042036	0.99900778
146	0.00030231	0.99931009
147	0.00021506	0.99952514
148	0.00015133	0.99967647
149	0.00010533	0.9997818

150	0.00007253	0.99985433
151	0.00004941	0.99990374
152	0.00003329	0.99993703
153	0.0000222	0.99995923
154	0.00001464	0.99997387
155	0.00000955	0.99998342
156	0.00000617	0.99998959
157	0.00000394	0.99999353
158	0.00000249	0.99999602
159	0.00000156	0.99999757
160	9.6e-7	0.99999854
161	5.9e-7	0.99999913
162	3.6e-7	0.99999948
163	2.1e-7	0.9999997
164	1.3e-7	0.99999983
165	7e-8	0.9999999
166	4e-8	0.99999994
167	2e-8	0.99999997
168	1e-8	0.99999998
169	1e-8	0.99999999
170	0	0.99999999
171	0	1
...	...	...
390	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 390</b>
Erwartungswert: $\mu = 117$		
Standardabweichung: $\sigma = 9.05$		
1 $\sigma$ -Intervall: $p(108 \leq X \leq 126) = 0.70621808$		
2 $\sigma$ -Intervall: $p(99 \leq X \leq 135) = 0.95925498$		
3 $\sigma$ -Intervall: $p(90 \leq X \leq 144) = 0.99765074$		

	<b>p = 0.3</b>	<b>n = 400</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
69	0	0
70	0	1e-8
71	1e-8	1e-8
72	1e-8	3e-8
73	3e-8	6e-8
74	5e-8	1.1e-7
75	1e-7	2e-7



76	1.8e-7	3.8e-7
77	3.2e-7	6.9e-7
78	5.6e-7	0.00000126
79	9.8e-7	0.00000224
80	0.00000169	0.00000393
81	0.00000286	0.00000678
82	0.00000476	0.00001155
83	0.00000782	0.00001937
84	0.00001265	0.00003202
85	0.00002015	0.00005217
86	0.00003164	0.00008381
87	0.00004894	0.00013275
88	0.0000746	0.00020735
89	0.00011208	0.00031942
90	0.00016598	0.00048541
91	0.00024233	0.00072773
92	0.00034882	0.00107655
93	0.0004951	0.00157165
94	0.00069298	0.00226463
95	0.00095663	0.00322126
96	0.00130255	0.00452381
97	0.00174953	0.00627334
98	0.00231825	0.00859159
99	0.00303079	0.01162237
100	0.00390971	0.01553209
101	0.004977	0.02050909
102	0.00625262	0.02676172
103	0.00775291	0.03451462
104	0.00948879	0.04400341
105	0.01146401	0.05546742
106	0.01367338	0.0691408
107	0.01610136	0.08524216
108	0.01872103	0.10396319
109	0.02149361	0.1254568
110	0.02436872	0.14982552
111	0.02728544	0.17711096
112	0.03017408	0.20728505
113	0.03295879	0.24024384
114	0.0355608	0.27580464
115	0.03790207	0.31370672
116	0.0399092	0.35361592
117	0.04151727	0.39513319
118	0.04267332	0.43780651
119	0.04333929	0.48114579
120	0.04349407	0.52463986
121	0.04313462	0.56777448
122	0.04227596	0.61005044

123	0.04095024	0.65100068
124	0.03920466	0.69020534
125	0.03709881	0.72730415
126	0.03470127	0.76200542
127	0.03208599	0.79409141
128	0.0293286	0.82342001
129	0.02650292	0.84992293
130	0.02367788	0.87360081
131	0.02091503	0.89451585
132	0.0182667	0.91278255
133	0.0157749	0.92855744
134	0.01347089	0.94202833
135	0.01137541	0.95340374
136	0.00949943	0.96290317
137	0.0078452	0.97074837
138	0.00640773	0.9771561
139	0.00517623	0.98233233
140	0.0041357	0.98646803
141	0.00326834	0.98973636
142	0.00255483	0.99229119
143	0.00197546	0.99426665
144	0.00151099	0.99577764
145	0.00114329	0.99692093
146	0.00085579	0.99777673
147	0.00063373	0.99841046
148	0.00046429	0.99887475
149	0.00033653	0.99921128
150	0.00024134	0.99945262
151	0.00017125	0.99962387
152	0.00012023	0.9997441
153	0.00008352	0.99982761
154	0.00005741	0.99988502
155	0.00003905	0.99992407
156	0.00002628	0.99995035
157	0.00001751	0.99996786
158	0.00001154	0.9999794
159	0.00000753	0.99998693
160	0.00000486	0.99999178
161	0.0000031	0.99999489
162	0.00000196	0.99999685
163	0.00000123	0.99999808
164	7.6e-7	0.99999884
165	4.7e-7	0.99999931
166	2.8e-7	0.99999959
167	1.7e-7	0.99999976
168	1e-7	0.99999986
169	6e-8	0.99999992

170	3e-8	0.99999995
171	2e-8	0.99999997
172	1e-8	0.99999999
173	1e-8	0.99999999
174	0	1
...	...	...
400	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 400</b>
Erwartungswert: $\mu = 120$		
Standardabweichung: $\sigma = 9.165$		
1 $\sigma$ -Intervall: $p(111 \leq X \leq 129) = 0.70009741$		
2 $\sigma$ -Intervall: $p(102 \leq X \leq 138) = 0.956647$		
3 $\sigma$ -Intervall: $p(93 \leq X \leq 147) = 0.99733391$		

<b>p = 0.3</b>		<b>n = 410</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
71	0	0
72	0	1e-8
73	1e-8	1e-8
74	1e-8	2e-8
75	2e-8	4e-8
76	4e-8	8e-8
77	7e-8	1.6e-7
78	1.3e-7	2.9e-7
79	2.4e-7	5.3e-7
80	4.3e-7	9.6e-7
81	7.5e-7	0.00000171
82	0.00000129	0.000003
83	0.00000218	0.00000518
84	0.00000364	0.00000882
85	0.00000598	0.00001481
86	0.00000969	0.0000245
87	0.00001547	0.00003997
88	0.00002434	0.00006431
89	0.00003773	0.00010204
90	0.00005768	0.00015972
91	0.00008693	0.00024665
92	0.00012918	0.00037583
93	0.0001893	0.00056513
94	0.00027359	0.00083872

95	0.00039003	0.00122875
96	0.00054847	0.00177722
97	0.00076092	0.00253814
98	0.00104155	0.00357968
99	0.00140676	0.00498645
100	0.00187502	0.00686146
101	0.00246643	0.00932789
102	0.00320221	0.0125301
103	0.0041038	0.01663391
104	0.00519176	0.02182567
105	0.00648441	0.02831007
106	0.00799627	0.03630634
107	0.00973644	0.04604279
108	0.01170691	0.0577497
109	0.013901	0.0716507
110	0.01630208	0.08795279
111	0.01888272	0.10683551
112	0.02160434	0.12843985
113	0.02441755	0.1528574
114	0.0272632	0.1801206
115	0.03007419	0.21019479
116	0.0327779	0.2429727
117	0.03529928	0.27827198
118	0.03756425	0.31583623
119	0.03950334	0.35533957
120	0.04105526	0.39639482
121	0.0421701	0.43856492
122	0.04281203	0.48137695
123	0.0429612	0.52433815
124	0.04261474	0.56695289
125	0.0417868	0.60873969
126	0.04050761	0.6492473
127	0.03882169	0.68806899
128	0.03678529	0.72485428
129	0.03446329	0.75931757
130	0.03192588	0.79124345
131	0.02924508	0.82048853
132	0.02649149	0.84698002
133	0.02373137	0.87071139
134	0.02102427	0.89173566
135	0.01842126	0.91015692
136	0.01596381	0.92612073
137	0.01368326	0.93980399
138	0.01160103	0.95140502
139	0.00972912	0.96113414
140	0.0080712	0.96920534
141	0.00662378	0.97582913

142	0.00537766	0.98120678
143	0.00431932	0.9855261
144	0.00343232	0.98895842
145	0.00269851	0.99165693
146	0.00209913	0.99375606
147	0.00161566	0.99537172
148	0.00123046	0.99660218
149	0.00092727	0.99752945
150	0.00069148	0.99822093
151	0.00051027	0.9987312
152	0.00037263	0.99910383
153	0.0002693	0.99937312
154	0.0001926	0.99956572
155	0.00013633	0.99970206
156	0.00009551	0.99979756
157	0.00006622	0.99986378
158	0.00004544	0.99990923
159	0.00003087	0.99994009
160	0.00002075	0.99996085
161	0.00001381	0.99997466
162	0.0000091	0.99998376
163	0.00000593	0.99998969
164	0.00000383	0.99999352
165	0.00000245	0.99999596
166	0.00000155	0.99999751
167	9.7e-7	0.99999848
168	6e-7	0.99999908
169	3.7e-7	0.99999945
170	2.2e-7	0.99999967
171	1.3e-7	0.99999981
172	8e-8	0.99999989
173	5e-8	0.99999994
174	3e-8	0.99999996
175	2e-8	0.99999998
176	1e-8	0.99999999
177	1e-8	0.99999999
178	0	1
...	...	...
410	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 410</b>
Erwartungswert: $\mu = 123$		
Standardabweichung: $\sigma = 9.279$		
1σ-Intervall: $p(114 \leq X \leq 132) = 0.69412262$		
2σ-Intervall: $p(105 \leq X \leq 141) = 0.95400346$		

3 $\sigma$ -Intervall:  
 $p(96 \leq X \leq 150) = 0.99699218$

p = 0.3		n = 420
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
74	0	0
75	0	1e-8
76	1e-8	2e-8
77	2e-8	3e-8
78	3e-8	6e-8
79	6e-8	1.2e-7
80	1e-7	2.2e-7
81	1.9e-7	4.1e-7
82	3.3e-7	7.4e-7
83	5.7e-7	0.00000131
84	9.8e-7	0.00000229
85	0.00000167	0.00000396
86	0.00000278	0.00000674
87	0.00000458	0.00001132
88	0.00000743	0.00001875
89	0.00001188	0.00003063
90	0.00001872	0.00004935
91	0.00002909	0.00007844
92	0.00004459	0.00012303
93	0.00006739	0.00019042
94	0.00010047	0.00029089
95	0.00014777	0.00043866
96	0.00021439	0.00065305
97	0.00030691	0.00095996
98	0.00043352	0.00139348
99	0.0006043	0.00199777
100	0.00083134	0.00282911
101	0.00112883	0.00395794
102	0.00151302	0.00547096
103	0.00200197	0.00747293
104	0.00261521	0.01008813
105	0.00337308	0.01346121
106	0.00429591	0.01775712
107	0.00540286	0.02315998
108	0.0067107	0.02987068
109	0.00823226	0.03810294
110	0.00997493	0.04807787
111	0.01193911	0.06001697
112	0.01411677	0.07413375
113	0.01649039	0.09062414

114	0.01903214	0.10965628
115	0.02170374	0.13136002
116	0.0244568	0.15581681
117	0.02723394	0.18305075
118	0.02997052	0.21302128
119	0.03259699	0.24561827
120	0.03504177	0.28066004
121	0.03723446	0.3178945
122	0.03910927	0.35700377
123	0.04060823	0.39761199
124	0.04168425	0.43929625
125	0.04230356	0.48159981
126	0.04244745	0.52404726
127	0.04211322	0.56616048
128	0.0413142	0.60747467
129	0.04007889	0.64755356
130	0.03844931	0.68600287
131	0.03647862	0.72248149
132	0.03422832	0.75670981
133	0.03176506	0.78847486
134	0.02915748	0.81763234
135	0.02647314	0.84410547
136	0.02377577	0.86788124
137	0.021123	0.88900424
138	0.01856462	0.90756886
139	0.01614149	0.92371035
140	0.01388498	0.93759533
141	0.011817	0.94941233
142	0.00995053	0.95936287
143	0.00829045	0.96765332
144	0.00683469	0.97448801
145	0.00557549	0.9800635
146	0.00450076	0.98456426
147	0.00359536	0.98815963
148	0.00284228	0.9910019
149	0.00222368	0.99322559
150	0.00172176	0.99494735
151	0.00131942	0.99626677
152	0.00100073	0.9972675
153	0.00075125	0.99801875
154	0.00055821	0.99857696
155	0.00041055	0.99898751
156	0.00029889	0.9992864
157	0.0002154	0.9995018
158	0.00015366	0.99965546
159	0.00010852	0.99976397
160	0.00007586	0.99983984

161	0.00005251	0.99989234
162	0.00003598	0.99992832
163	0.0000244	0.99995272
164	0.00001639	0.99996911
165	0.0000109	0.99998001
166	0.00000717	0.99998719
167	0.00000468	0.99999186
168	0.00000302	0.99999488
169	0.00000193	0.99999681
170	0.00000122	0.99999803
171	7.6e-7	0.9999988
172	4.7e-7	0.99999927
173	2.9e-7	0.99999956
174	1.8e-7	0.99999974
175	1.1e-7	0.99999985
176	6e-8	0.99999991
177	4e-8	0.99999995
178	2e-8	0.99999997
179	1e-8	0.99999998
180	1e-8	0.99999999
181	0	0.99999999
182	0	1
...	...	...
420	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 420</b>
Erwartungswert: $\mu = 126$		
Standardabweichung: $\sigma = 9.391$		
1 $\sigma$ -Intervall: $p(117 \leq X \leq 135) = 0.68828866$		
2 $\sigma$ -Intervall: $p(108 \leq X \leq 144) = 0.95132803$		
3 $\sigma$ -Intervall: $p(98 \leq X \leq 154) = 0.997617$		

<b>p = 0.3</b>		<b>n = 430</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
76	0	0
77	0	1e-8
78	1e-8	1e-8
79	1e-8	3e-8
80	2e-8	5e-8
81	4e-8	9e-8
82	8e-8	1.7e-7



83	1.4e-7	3.1e-7
84	2.5e-7	5.6e-7
85	4.4e-7	0.000001
86	7.5e-7	0.00000175
87	0.00000127	0.00000303
88	0.00000213	0.00000516
89	0.00000351	0.00000866
90	0.00000569	0.00001436
91	0.00000912	0.00002347
92	0.0000144	0.00003787
93	0.00002243	0.0000603
94	0.00003446	0.00009475
95	0.00005223	0.00014698
96	0.00007811	0.00022509
97	0.00011526	0.00034035
98	0.00016786	0.00050821
99	0.00024125	0.00074946
100	0.00034223	0.00109168
101	0.00047921	0.0015709
102	0.00066244	0.00223334
103	0.00090408	0.00313743
104	0.00121828	0.0043557
105	0.00162106	0.00597676
106	0.00213009	0.00810685
107	0.00276429	0.01087114
108	0.00354311	0.01441426
109	0.00448578	0.01890003
110	0.00561014	0.02451017
111	0.00693144	0.03144161
112	0.00846096	0.03990256
113	0.01020449	0.05010705
114	0.01216099	0.06226804
115	0.01432126	0.07658931
116	0.01666699	0.0932563
117	0.01917009	0.11242639
118	0.02179263	0.13421902
119	0.02448728	0.1587063
120	0.02719837	0.18590467
121	0.02986362	0.21576829
122	0.03241636	0.24818466
123	0.03478829	0.28297295
124	0.03691246	0.31988541
125	0.03872645	0.35861186
126	0.0401754	0.39878726
127	0.0412148	0.44000206
128	0.04181279	0.48181485
129	0.0419517	0.52376655

130	0.04162899	0.56539555
131	0.04085725	0.60625279
132	0.03966337	0.64591616
133	0.03808706	0.68400322
134	0.03617864	0.72018186
135	0.03399644	0.7541783
136	0.03160383	0.78578213
137	0.0290663	0.81484843
138	0.02644853	0.84129696
139	0.02381183	0.86510878
140	0.02121197	0.88632075
141	0.01869748	0.90501823
142	0.01630856	0.92132679
143	0.01407652	0.93540332
144	0.0120237	0.94742701
145	0.01016387	0.95759089
146	0.00850304	0.96609393
147	0.00704042	0.97313435
148	0.00576961	0.97890396
149	0.00467986	0.98358382
150	0.00375726	0.98734108
151	0.0029859	0.99032698
152	0.00234887	0.99267585
153	0.00182909	0.99450494
154	0.00141	0.99591494
155	0.00107602	0.99699096
156	0.00081292	0.99780388
157	0.00060803	0.99841191
158	0.00045025	0.99886216
159	0.0003301	0.99919226
160	0.00023962	0.99943188
161	0.00017222	0.9996041
162	0.00012256	0.99972665
163	0.00008636	0.99981301
164	0.00006026	0.99987327
165	0.00004163	0.9999149
166	0.00002848	0.99994338
167	0.0000193	0.99996268
168	0.00001295	0.99997563
169	0.0000086	0.99998423
170	0.00000566	0.99998989
171	0.00000369	0.99999358
172	0.00000238	0.99999596
173	0.00000152	0.99999748
174	9.6e-7	0.99999844
175	6e-7	0.99999905
176	3.7e-7	0.99999942

177	2.3e-7	0.99999965
178	1.4e-7	0.99999979
179	8e-8	0.99999988
180	5e-8	0.99999993
181	3e-8	0.99999996
182	2e-8	0.99999998
183	1e-8	0.99999999
184	1e-8	0.99999999
185	0	1
...	...	...
430	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 430</b>
Erwartungswert: $\mu = 129$		
Standardabweichung: $\sigma = 9.503$		
1 $\sigma$ -Intervall: $p(120 \leq X \leq 138) = 0.68259066$		
2 $\sigma$ -Intervall: $p(110 \leq X \leq 148) = 0.96000393$		
3 $\sigma$ -Intervall: $p(101 \leq X \leq 157) = 0.99732022$		

<b>p = 0.3</b>		<b>n = 440</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
78	0	0
79	0	1e-8
80	1e-8	1e-8
81	1e-8	2e-8
82	2e-8	4e-8
83	3e-8	7e-8
84	6e-8	1.3e-7
85	1.1e-7	2.4e-7
86	1.9e-7	4.3e-7
87	3.3e-7	7.7e-7
88	5.7e-7	0.00000134
89	9.7e-7	0.00000232
90	0.00000163	0.00000394
91	0.00000268	0.00000663
92	0.00000436	0.00001099
93	0.000007	0.00001799
94	0.00001107	0.00002907
95	0.00001728	0.00004635
96	0.00002662	0.00007297
97	0.00004046	0.00011343
98	0.00006069	0.00017412

99	0.00008985	0.00026398
100	0.00013132	0.00039529
101	0.00018945	0.00058474
102	0.00026985	0.00085459
103	0.00037951	0.0012341
104	0.00052704	0.00176114
105	0.00072279	0.00248393
106	0.00097899	0.00346292
107	0.00130967	0.00477259
108	0.00173064	0.00650323
109	0.00225913	0.00876236
110	0.0029134	0.01167576
111	0.00371205	0.01538782
112	0.00467321	0.02006103
113	0.00581345	0.02587448
114	0.00714661	0.03302108
115	0.00868246	0.04170355
116	0.01042537	0.05212892
117	0.01237297	0.06450189
118	0.01451502	0.07901691
119	0.01683255	0.09584946
120	0.01929731	0.11514677
121	0.0218718	0.13701857
122	0.02450974	0.16152831
123	0.02715713	0.18868544
124	0.02975395	0.2184394
125	0.03223628	0.25067568
126	0.03453888	0.28521456
127	0.036598	0.32181256
128	0.03835438	0.36016693
129	0.03975603	0.39992296
130	0.04076085	0.44068382
131	0.04133871	0.48202253
132	0.04147292	0.52349545
133	0.0411611	0.56465655
134	0.04041511	0.60507165
135	0.03926039	0.64433204
136	0.03773451	0.68206656
137	0.03588517	0.71795173
138	0.03376772	0.75171945
139	0.0314425	0.78316195
140	0.02897202	0.81213397
141	0.02641826	0.83855222
142	0.02384022	0.86239244
143	0.02129186	0.8836843
144	0.01882048	0.90250479
145	0.01646561	0.91897039

146	0.01425838	0.93322877
147	0.01222147	0.94545024
148	0.01036937	0.95581961
149	0.00870908	0.96452869
150	0.00724098	0.97176966
151	0.00595993	0.9777296
152	0.00485645	0.98258605
153	0.00391781	0.98650386
154	0.00312916	0.98963301
155	0.00247449	0.9921075
156	0.00193744	0.99404494
157	0.001502	0.99554694
158	0.00115298	0.99669993
159	0.00087639	0.99757632
160	0.00065964	0.99823596
161	0.00049166	0.99872762
162	0.00036289	0.99909051
163	0.00026525	0.99935576
164	0.00019201	0.99954777
165	0.00013765	0.99968541
166	0.00009773	0.99978314
167	0.00006872	0.99985186
168	0.00004786	0.99989971
169	0.00003301	0.99993272
170	0.00002255	0.99995528
171	0.00001526	0.99997054
172	0.00001023	0.99998077
173	0.00000679	0.99998756
174	0.00000447	0.99999202
175	0.00000291	0.99999493
176	0.00000188	0.99999681
177	0.0000012	0.99999801
178	7.6e-7	0.99999877
179	4.8e-7	0.99999925
180	3e-7	0.99999954
181	1.8e-7	0.99999972
182	1.1e-7	0.99999984
183	7e-8	0.9999999
184	4e-8	0.99999994
185	2e-8	0.99999997
186	1e-8	0.99999998
187	1e-8	0.99999999
188	0	0.99999999
189	0	1
...	...	...
440	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>

<b>p = 0.3</b>	<b>n = 440</b>
Erwartungswert: $\mu = 132$	
Standardabweichung: $\sigma = 9.612$	
1 $\sigma$ -Intervall: $p(123 \leq X \leq 141) = 0.67702391$	
2 $\sigma$ -Intervall: $p(113 \leq X \leq 151) = 0.95766857$	
3 $\sigma$ -Intervall: $p(104 \leq X \leq 160) = 0.99700186$	

<b>p = 0.3</b>		<b>n = 450</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
81	0	0
82	0	1e-8
83	1e-8	2e-8
84	1e-8	3e-8
85	3e-8	5e-8
86	5e-8	1e-7
87	8e-8	1.8e-7
88	1.5e-7	3.3e-7
89	2.6e-7	5.9e-7
90	4.4e-7	0.00000103
91	7.5e-7	0.00000177
92	0.00000125	0.00000302
93	0.00000206	0.00000507
94	0.00000335	0.00000842
95	0.00000537	0.00001379
96	0.00000852	0.00002231
97	0.00001332	0.00003563
98	0.00002056	0.00005619
99	0.00003133	0.00008753
100	0.00004714	0.00013466
101	0.00007	0.00020467
102	0.00010265	0.00030732
103	0.00014864	0.00045596
104	0.00021255	0.00066851
105	0.00030017	0.00096868
106	0.0004187	0.00138738
107	0.0005769	0.00196427
108	0.00078522	0.0027495
109	0.00105588	0.00380538
110	0.00140282	0.0052082
111	0.00184154	0.00704974
112	0.00238883	0.00943857

113	0.00306229	0.01250086
114	0.00387967	0.01638053
115	0.00485802	0.02123855
116	0.0060127	0.02725125
117	0.0073562	0.03460745
118	0.0088969	0.04350436
119	0.01063783	0.05414219
120	0.01257544	0.06671763
121	0.01469857	0.0814162
122	0.01698769	0.09840388
123	0.0194145	0.11781838
124	0.02194196	0.13976034
125	0.02452485	0.16428519
126	0.0271108	0.19139599
127	0.02964195	0.22103794
128	0.03205698	0.25309492
129	0.03429351	0.28738843
130	0.03629083	0.32367925
131	0.03799258	0.36167183
132	0.03934945	0.40102128
133	0.04032157	0.44134285
134	0.04088039	0.48222325
135	0.04101017	0.52323342
136	0.04070863	0.56394205
137	0.03998699	0.60392904
138	0.03886935	0.64279839
139	0.03739127	0.68018966
140	0.03559802	0.71578768
141	0.0335422	0.74932988
142	0.03128131	0.78061119
143	0.02887506	0.80948625
144	0.02638286	0.83586912
145	0.02386155	0.85973066
146	0.02136332	0.88109398
147	0.01893426	0.90002824
148	0.01661316	0.91664141
149	0.01443099	0.9310724
150	0.01241066	0.94348306
151	0.01056726	0.95405031
152	0.00890867	0.96295899
153	0.00743637	0.97039536
154	0.00614639	0.97654175
155	0.00503041	0.98157216
156	0.00407684	0.985649
157	0.00327186	0.98892086
158	0.00260033	0.99152119
159	0.00204662	0.99356781

160	0.00159527	0.99516308
161	0.00123148	0.99639456
162	0.00094153	0.99733609
163	0.00071296	0.99804905
164	0.00053472	0.99858377
165	0.00039722	0.99898099
166	0.00029227	0.99927326
167	0.00021302	0.99948628
168	0.00015379	0.99964006
169	0.00010998	0.99975004
170	0.00007791	0.99982795
171	0.00005467	0.99988262
172	0.00003801	0.99992063
173	0.00002618	0.9999468
174	0.00001786	0.99996466
175	0.00001207	0.99997673
176	0.00000808	0.99998482
177	0.00000536	0.99999018
178	0.00000352	0.9999937
179	0.0000023	0.999996
180	0.00000148	0.99999748
181	9.5e-7	0.99999843
182	6e-7	0.99999903
183	3.8e-7	0.9999994
184	2.3e-7	0.99999964
185	1.4e-7	0.99999978
186	9e-8	0.99999987
187	5e-8	0.99999992
188	3e-8	0.99999995
189	2e-8	0.99999997
190	1e-8	0.99999998
191	1e-8	0.99999999
192	0	1
...	...	...
450	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 450</b>
Erwartungswert: $\mu = 135$		
Standardabweichung: $\sigma = 9.721$		
1σ-Intervall: $p(126 \leq X \leq 144) = 0.67158393$		
2σ-Intervall: $p(116 \leq X \leq 154) = 0.95530319$		
3σ-Intervall: $p(106 \leq X \leq 164) = 0.99761509$		



p = 0.3		n = 460
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
83	0	0
84	0	1e-8
85	1e-8	1e-8
86	1e-8	2e-8
87	2e-8	4e-8
88	4e-8	8e-8
89	6e-8	1.4e-7
90	1.1e-7	2.5e-7
91	2e-7	4.5e-7
92	3.4e-7	7.8e-7
93	5.7e-7	0.00000135
94	9.5e-7	0.00000231
95	0.00000157	0.00000388
96	0.00000257	0.00000645
97	0.00000413	0.00001057
98	0.00000655	0.00001712
99	0.00001026	0.00002739
100	0.00001588	0.00004327
101	0.00002426	0.00006753
102	0.00003659	0.00010412
103	0.00005451	0.00015863
104	0.00008019	0.00023882
105	0.00011652	0.00035534
106	0.00016725	0.00052259
107	0.00023714	0.00075973
108	0.00033218	0.0010919
109	0.00045974	0.00155164
110	0.00062871	0.00218035
111	0.0008496	0.00302996
112	0.00113461	0.00416457
113	0.00149752	0.00566208
114	0.00195353	0.00761561
115	0.00251896	0.01013457
116	0.00321074	0.01334531
117	0.00404577	0.01739108
118	0.00504007	0.02243114
119	0.00620781	0.02863895
120	0.00756023	0.03619918
121	0.00910441	0.04530359
122	0.01084213	0.05614573
123	0.01276879	0.06891451
124	0.0148724	0.08378691
125	0.017133	0.10091992

126	0.0195223	0.12044222
127	0.02200376	0.14244598
128	0.02453321	0.16697919
129	0.02705989	0.19403908
130	0.02952799	0.22356707
131	0.03187864	0.25544571
132	0.03405218	0.28949789
133	0.0359907	0.32548859
134	0.0376406	0.36312919
135	0.03895503	0.40208422
136	0.03989617	0.44198039
137	0.040437	0.48241739
138	0.04056258	0.52297996
139	0.04027076	0.56325072
140	0.03957218	0.60282291
141	0.03848966	0.64131257
142	0.03705695	0.67836952
143	0.03531701	0.71368653
144	0.03331992	0.74700645
145	0.03112048	0.77812693
146	0.02877578	0.80690271
147	0.02634285	0.83324556
148	0.02387638	0.85712194
149	0.02142694	0.87854887
150	0.01903936	0.89758824
151	0.01675176	0.91433999
152	0.01459481	0.9289348
153	0.0125916	0.94152641
154	0.01075776	0.95228417
155	0.00910196	0.96138612
156	0.00762664	0.96901276
157	0.00632893	0.97534169
158	0.00520163	0.98054332
159	0.00423421	0.98477753
160	0.00341383	0.98819136
161	0.00272622	0.99091758
162	0.00215645	0.99307403
163	0.00168963	0.99476366
164	0.00131138	0.99607504
165	0.00100823	0.99708326
166	0.00076788	0.99785115
167	0.00057936	0.99843051
168	0.00043304	0.99886355
169	0.00032066	0.99918422
170	0.00023524	0.99941946
171	0.00017098	0.99959044
172	0.00012312	0.99971356

173	0.00008784	0.9998014
174	0.0000621	0.9998635
175	0.00004349	0.99990699
176	0.00003018	0.99993717
177	0.00002076	0.99995793
178	0.00001414	0.99997207
179	0.00000955	0.99998162
180	0.00000639	0.99998801
181	0.00000424	0.99999225
182	0.00000278	0.99999503
183	0.00000181	0.99999684
184	0.00000117	0.99999801
185	7.5e-7	0.99999876
186	4.7e-7	0.99999923
187	3e-7	0.99999953
188	1.9e-7	0.99999971
189	1.1e-7	0.99999983
190	7e-8	0.9999999
191	4e-8	0.99999994
192	3e-8	0.99999996
193	2e-8	0.99999998
194	1e-8	0.99999999
195	1e-8	0.99999999
196	0	1
...	...	...
460	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 460</b>
Erwartungswert: $\mu = 138$		
Standardabweichung: $\sigma = 9.829$		
1 $\sigma$ -Intervall: $p(129 \leq X \leq 147) = 0.66626636$		
2 $\sigma$ -Intervall: $p(119 \leq X \leq 157) = 0.95291055$		
3 $\sigma$ -Intervall: $p(109 \leq X \leq 167) = 0.9973386$		

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<b>p = 0.3</b>		<b>n = 470</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
86	0	0
87	0	1e-8
88	1e-8	2e-8
89	1e-8	3e-8
90	3e-8	6e-8

91	5e-8	1.1e-7
92	9e-8	1.9e-7
93	1.5e-7	3.4e-7
94	2.6e-7	6e-7
95	4.4e-7	0.00000104
96	7.3e-7	0.00000177
97	0.00000121	0.00000297
98	0.00000197	0.00000494
99	0.00000317	0.00000811
100	0.00000504	0.00001315
101	0.00000791	0.00002106
102	0.00001226	0.00003332
103	0.00001878	0.00005209
104	0.0000284	0.00008049
105	0.00004242	0.00012291
106	0.0000626	0.00018552
107	0.00009127	0.00027679
108	0.00013148	0.00040827
109	0.00018713	0.0005954
110	0.0002632	0.0008586
111	0.00036584	0.00122444
112	0.00050256	0.001727
113	0.00068237	0.00240937
114	0.00091581	0.00332518
115	0.00121501	0.0045402
116	0.00159358	0.00613378
117	0.0020664	0.00820018
118	0.0026493	0.01084948
119	0.00335854	0.01420802
120	0.00421016	0.01841818
121	0.00521921	0.0236374
122	0.00639873	0.03003613
123	0.00775874	0.03779487
124	0.00930512	0.04709999
125	0.01103854	0.05813853
126	0.01295338	0.07109191
127	0.015037	0.08612891
128	0.01726905	0.10339796
129	0.01962132	0.12301928
130	0.02205781	0.14507709
131	0.0245354	0.16961249
132	0.02700488	0.19661737
133	0.0294124	0.22602977
134	0.03170143	0.25773119
135	0.03381485	0.29154605
136	0.0356974	0.32724345
137	0.03729802	0.36454147

138	0.03857217	0.40311364
139	0.03948395	0.44259759
140	0.04000772	0.48260531
141	0.04012932	0.52273463
142	0.03984672	0.56258135
143	0.03917	0.60175135
144	0.03812081	0.63987216
145	0.03673118	0.67660334
146	0.03504198	0.71164532
147	0.03310088	0.74474619
148	0.03096018	0.77570638
149	0.02867453	0.80438091
150	0.02629864	0.83067955
151	0.02388524	0.85456479
152	0.02148325	0.87604803
153	0.01913634	0.89518437
154	0.01688187	0.91206624
155	0.01475024	0.92681648
156	0.01276463	0.93958111
157	0.01094111	0.95052223
158	0.00928906	0.95981129
159	0.00781183	0.96762312
160	0.00650753	0.97413065
161	0.00537001	0.97950067
162	0.00438977	0.98389044
163	0.00355491	0.98744535
164	0.00285198	0.99029732
165	0.00226677	0.99256409
166	0.00178493	0.99434902
167	0.00139252	0.99574154
168	0.00107636	0.99681791
169	0.00082433	0.99764224
170	0.00062552	0.99826776
171	0.00047032	0.99873808
172	0.00035039	0.99908847
173	0.00025867	0.99934714
174	0.00018923	0.99953637
175	0.00013717	0.99967354
176	0.00009853	0.99977208
177	0.00007014	0.99984222
178	0.00004948	0.9998917
179	0.00003459	0.9999263
180	0.00002397	0.99995027
181	0.00001646	0.99996673
182	0.0000112	0.99997793
183	0.00000755	0.99998548
184	0.00000505	0.99999053

185	0.00000335	0.99999388
186	0.0000022	0.99999607
187	0.00000143	0.9999975
188	9.2e-7	0.99999843
189	5.9e-7	0.99999902
190	3.7e-7	0.99999939
191	2.3e-7	0.99999963
192	1.5e-7	0.99999977
193	9e-8	0.99999986
194	6e-8	0.99999992
195	3e-8	0.99999995
196	2e-8	0.99999997
197	1e-8	0.99999998
198	1e-8	0.99999999
199	0	0.99999999
200	0	1
...	...	...
470	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 470</b>
Erwartungswert: $\mu = 141$		
Standardabweichung: $\sigma = 9.935$		
1σ-Intervall: $p(132 \leq X \leq 150) = 0.66106706$		
2σ-Intervall: $p(122 \leq X \leq 160) = 0.95049326$		
3σ-Intervall: $p(112 \leq X \leq 170) = 0.99704332$		

<b>p = 0.3</b>		<b>n = 480</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
88	0	0
89	0	1e-8
90	1e-8	1e-8
91	1e-8	2e-8
92	2e-8	5e-8
93	4e-8	8e-8
94	7e-8	1.5e-7
95	1.1e-7	2.6e-7
96	2e-7	4.6e-7
97	3.3e-7	7.9e-7
98	5.6e-7	0.00000135
99	9.2e-7	0.00000228
100	0.00000151	0.00000379

101	0.00000243	0.00000622
102	0.00000387	0.00001009
103	0.00000609	0.00001619
104	0.00000947	0.00002565
105	0.00001453	0.00004018
106	0.00002203	0.00006221
107	0.000033	0.00009521
108	0.00004884	0.00014405
109	0.00007144	0.0002155
110	0.00010327	0.00031876
111	0.00014752	0.00046628
112	0.0002083	0.00067458
113	0.00029072	0.00096531
114	0.00040111	0.00136642
115	0.00054711	0.00191353
116	0.00073779	0.00265131
117	0.00098372	0.00363503
118	0.00129693	0.00493196
119	0.00169084	0.0066228
120	0.00217997	0.00880277
121	0.00277966	0.01158243
122	0.0035055	0.01508793
123	0.00437271	0.01946064
124	0.00539536	0.02485599
125	0.00658542	0.03144141
126	0.00795178	0.0393932
127	0.0094992	0.0488924
128	0.0112273	0.0601197
129	0.0131296	0.07324929
130	0.01519282	0.08844211
131	0.01739636	0.10583847
132	0.0197121	0.12555057
133	0.02210466	0.14765523
134	0.02453193	0.17218716
135	0.02694618	0.19913334
136	0.02929548	0.22842882
137	0.03152548	0.25995431
138	0.03358149	0.2935358
139	0.0354107	0.3289465
140	0.03696443	0.36591093
141	0.03820033	0.40411126
142	0.03908424	0.4431955
143	0.03959183	0.48278733
144	0.03970966	0.52249698
145	0.0394358	0.56193278
146	0.03877982	0.60071261
147	0.03776228	0.63847488

148	0.03641362	0.67488851
149	0.03477274	0.70966125
150	0.03288508	0.74254632
151	0.03080059	0.77334692
152	0.0285716	0.80191852
153	0.02625066	0.82816918
154	0.02388859	0.85205777
155	0.02153275	0.87359052
156	0.01922567	0.8928162
157	0.01700396	0.90982016
158	0.01489769	0.92471785
159	0.01293007	0.93764791
160	0.01111755	0.94876546
161	0.00947014	0.9582356
162	0.007992	0.96622759
163	0.00668218	0.97290977
164	0.0055355	0.97844527
165	0.00454342	0.98298869
166	0.00369495	0.98668364
167	0.00297745	0.98966109
168	0.00237741	0.9920385
169	0.00188102	0.99391952
170	0.00147479	0.99539431
171	0.00114582	0.99654013
172	0.00088221	0.99742234
173	0.00067313	0.99809547
174	0.00050899	0.99860446
175	0.00038143	0.9989859
176	0.00028329	0.99926918
177	0.00020852	0.99947771
178	0.00015212	0.99962983
179	0.00011	0.99973982
180	0.00007883	0.99981865
181	0.000056	0.99987465
182	0.00003943	0.99991408
183	0.00002751	0.99994159
184	0.00001903	0.99996063
185	0.00001305	0.99997368
186	0.00000887	0.99998255
187	0.00000598	0.99998853
188	0.00000399	0.99999252
189	0.00000264	0.99999516
190	0.00000174	0.9999969
191	0.00000113	0.99999803
192	7.3e-7	0.99999876
193	4.7e-7	0.99999922
194	3e-7	0.99999952



195	1.9e-7	0.9999997
196	1.2e-7	0.99999982
197	7e-8	0.99999989
198	4e-8	0.99999993
199	3e-8	0.99999996
200	2e-8	0.99999998
201	1e-8	0.99999999
202	1e-8	0.99999999
203	0	1
...	...	...
480	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 480</b>
Erwartungswert: $\mu = 144$		
Standardabweichung: $\sigma = 10.04$		
1 $\sigma$ -Intervall: $p(134 \leq X \leq 154) = 0.70440254$		
2 $\sigma$ -Intervall: $p(124 \leq X \leq 164) = 0.95898463$		
3 $\sigma$ -Intervall: $p(114 \leq X \leq 174) = 0.99763915$		

<b>p = 0.3</b>		<b>n = 490</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
90	0	0
91	0	1e-8
92	0	1e-8
93	1e-8	2e-8
94	2e-8	4e-8
95	3e-8	6e-8
96	5e-8	1.1e-7
97	9e-8	2e-7
98	1.5e-7	3.5e-7
99	2.6e-7	6.1e-7
100	4.3e-7	0.00000104
101	7.1e-7	0.00000174
102	0.00000116	0.0000029
103	0.00000187	0.00000477
104	0.00000298	0.00000775
105	0.00000469	0.00001244
106	0.00000731	0.00001975
107	0.00001124	0.00003099
108	0.00001708	0.00004807
109	0.00002566	0.00007373

110	0.00003809	0.00011182
111	0.00005588	0.0001677
112	0.00008104	0.00024874
113	0.00011618	0.00036493
114	0.00016467	0.00052959
115	0.00023074	0.00076033
116	0.00031968	0.00108001
117	0.00043795	0.00151796
118	0.0005933	0.00211126
119	0.00079486	0.00290612
120	0.00105319	0.00395931
121	0.00138022	0.00533953
122	0.00178911	0.00712864
123	0.00229405	0.0094227
124	0.00290985	0.01233255
125	0.00365145	0.015984
126	0.00453326	0.02051726
127	0.00556842	0.02608568
128	0.00676786	0.03285354
129	0.00813942	0.04099297
130	0.00968681	0.05067978
131	0.01140867	0.06208845
132	0.01329777	0.07538623
133	0.01534029	0.09072651
134	0.0175154	0.10824192
135	0.01979519	0.1280371
136	0.02214483	0.15018193
137	0.02452326	0.17470519
138	0.02688419	0.20158938
139	0.0291775	0.23076688
140	0.03135093	0.26211781
141	0.03335205	0.29546986
142	0.03513038	0.33060023
143	0.03663947	0.36723971
144	0.03783898	0.40507869
145	0.03869642	0.44377511
146	0.03918864	0.48296375
147	0.03930289	0.52226664
148	0.03903733	0.56130397
149	0.03840106	0.59970503
150	0.0374136	0.63711864
151	0.03610395	0.67322259
152	0.03450913	0.70773172
153	0.03267251	0.74040423
154	0.03064185	0.77104608
155	0.02846726	0.79951334
156	0.02619927	0.82571261

157	0.02388687	0.84959947
158	0.02157593	0.8711754
159	0.01930784	0.89048324
160	0.01711847	0.90760171
161	0.01503752	0.92263923
162	0.01308821	0.93572744
163	0.01128729	0.94701473
164	0.00964533	0.95666006
165	0.00816721	0.96482727
166	0.00685287	0.97168014
167	0.00569802	0.97737816
168	0.00469505	0.98207321
169	0.00383383	0.98590704
170	0.0031025	0.98900954
171	0.00248822	0.99149776
172	0.00197776	0.99347553
173	0.00155804	0.99503357
174	0.0012165	0.99625007
175	0.00094142	0.99719149
176	0.00072211	0.99791361
177	0.00054902	0.99846262
178	0.00041374	0.99887637
179	0.00030907	0.99918544
180	0.00022886	0.9994143
181	0.00016799	0.99958228
182	0.00012223	0.99970452
183	0.00008817	0.99979268
184	0.00006305	0.99985573
185	0.00004469	0.99990042
186	0.00003141	0.99993183
187	0.00002188	0.99995371
188	0.00001511	0.99996882
189	0.00001035	0.99997917
190	0.00000703	0.9999862
191	0.00000473	0.99999093
192	0.00000316	0.99999409
193	0.00000209	0.99999618
194	0.00000137	0.99999755
195	8.9e-7	0.99999844
196	5.8e-7	0.99999902
197	3.7e-7	0.99999938
198	2.3e-7	0.99999962
199	1.5e-7	0.99999977
200	9e-8	0.99999986
201	6e-8	0.99999991
202	3e-8	0.99999995
203	2e-8	0.99999997

204	1e-8	0.99999998
205	1e-8	0.99999999
206	0	0.99999999
207	0	1
...	...	...
490	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
<b>p = 0.3</b>		<b>n = 490</b>
Erwartungswert: $\mu = 147$		
Standardabweichung: $\sigma = 10.144$		
1 $\sigma$ -Intervall: $p(137 \leq X \leq 157) = 0.69941754$		
2 $\sigma$ -Intervall: $p(127 \leq X \leq 167) = 0.9568609$		
3 $\sigma$ -Intervall: $p(117 \leq X \leq 177) = 0.99738261$		

<b>p = 0.3</b>		<b>n = 500</b>
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
0	0	0
...	...	...
93	0	0
94	0	1e-8
95	1e-8	1e-8
96	1e-8	3e-8
97	2e-8	5e-8
98	4e-8	9e-8
99	7e-8	1.5e-7
100	1.2e-7	2.7e-7
101	2e-7	4.6e-7
102	3.3e-7	7.9e-7
103	5.4e-7	0.00000134
104	8.9e-7	0.00000222
105	0.00000144	0.00000366
106	0.00000229	0.00000595
107	0.00000362	0.00000957
108	0.00000564	0.00001521
109	0.00000869	0.0000239
110	0.00001324	0.00003714
111	0.00001994	0.00005709
112	0.00002968	0.00008677
113	0.00004368	0.00013045
114	0.00006355	0.000194
115	0.00009142	0.00028542
116	0.00013004	0.00041546
117	0.00018291	0.00059837

118	0.00025443	0.0008528
119	0.00035004	0.00120284
120	0.0004763	0.00167914
121	0.00064106	0.0023202
122	0.0008535	0.0031737
123	0.00112412	0.00429782
124	0.00146473	0.00576255
125	0.00188824	0.00765079
126	0.00240847	0.01005927
127	0.00303971	0.01309898
128	0.00379625	0.01689523
129	0.00469171	0.02158694
130	0.00573832	0.02732527
131	0.00694606	0.03427133
132	0.00832174	0.04259307
133	0.00986811	0.05246118
134	0.01158293	0.0640441
135	0.01345826	0.07750236
136	0.01547982	0.09298218
137	0.01762666	0.11060884
138	0.01987105	0.13047989
139	0.02217878	0.15265867
140	0.02450982	0.17716849
141	0.02681925	0.20398774
142	0.02905869	0.23304643
143	0.03117785	0.26422429
144	0.03312647	0.29735076
145	0.03485623	0.33220699
146	0.03632278	0.36852977
147	0.03748765	0.40601742
148	0.03831991	0.44433733
149	0.03879753	0.48313485
150	0.03890838	0.52204323
151	0.03865071	0.56069394
152	0.03803317	0.5987271
153	0.03707435	0.63580145
154	0.03580185	0.6716033
155	0.03425099	0.70585429
156	0.03246316	0.73831745
157	0.03048406	0.76880151
158	0.02836175	0.79716326
159	0.0261448	0.82330806
160	0.02388047	0.84718853
161	0.0216132	0.86880173
162	0.01938327	0.888185
163	0.0172258	0.9054108
164	0.01517011	0.9205809

165	0.01323936	0.93382027
166	0.01145057	0.94527084
167	0.00981477	0.95508561
168	0.00833755	0.96342316
169	0.00701961	0.97044277
170	0.00585754	0.97630032
171	0.00484458	0.9811449
172	0.00397143	0.98511633
173	0.00322699	0.98834332
174	0.00259908	0.9909424
175	0.00207502	0.99301742
176	0.00164216	0.99465959
177	0.00128828	0.99594787
178	0.00100188	0.99694975
179	0.0007724	0.99772216
180	0.00059034	0.99831249
181	0.00044729	0.99875979
182	0.000336	0.99909578
183	0.00025023	0.99934601
184	0.00018476	0.99953077
185	0.00013525	0.99966602
186	0.00009817	0.99976418
187	0.00007064	0.99983483
188	0.00005041	0.99988523
189	0.00003566	0.99992089
190	0.00002502	0.99994591
191	0.0000174	0.99996331
192	0.000012	0.99997531
193	0.00000821	0.99998352
194	0.00000557	0.99998909
195	0.00000374	0.99999283
196	0.0000025	0.99999533
197	0.00000165	0.99999698
198	0.00000108	0.99999806
199	7e-7	0.99999877
200	4.5e-7	0.99999922
201	2.9e-7	0.99999951
202	1.8e-7	0.9999997
203	1.2e-7	0.99999981
204	7e-8	0.99999989
205	4e-8	0.99999993
206	3e-8	0.99999996
207	2e-8	0.99999998
208	1e-8	0.99999999
209	1e-8	0.99999999
210	0	0.99999999
211	0	1

...	...	...
500	0	1
<b>k</b>	<b>p(X=k)</b>	<b>p(x≤k)</b>
	<b>p = 0.3</b>	<b>n = 500</b>
Erwartungswert: $\mu = 150$		
Standardabweichung: $\sigma = 10.247$		
1σ-Intervall: $p(140 \leq X \leq 160) = 0.69452986$		
2σ-Intervall: $p(130 \leq X \leq 170) = 0.95471337$		
3σ-Intervall: $p(120 \leq X \leq 180) = 0.99710965$		

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