

Mathematik > Wahrscheinlichkeitstafeln > Binomialverteilung

Wahrscheinlichkeitstafel: Binomialverteilung B(100, 0.7) bis B(500, 0.7) (Schrittweite 10)

100- bis 500-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit $p = 0.7$, binomialverteilte Zufallsvariable X als Anzahl k des Auftretens von T mit $p(X=k)$, $p(X \leq k)$ (kumuliert), Erwartungswert μ , Standardabweichung σ , 1σ -, 2σ -, 3σ -Intervalle

p = 0.7		n = 100
k	p(X=k)	p(x≤k)
0	0	0
...
41	0	0
42	0	1e-8
43	1e-8	2e-8
44	4e-8	6e-8
45	1.1e-7	1.7e-7
46	3.2e-7	4.9e-7
47	8.6e-7	0.00000135
48	0.00000221	0.00000356
49	0.00000547	0.00000903
50	0.00001303	0.00002206
51	0.0000298	0.00005186
52	0.00006552	0.00011738
53	0.00013845	0.00025583
54	0.00028118	0.00053701
55	0.00054873	0.00108575
56	0.00102887	0.00211462
57	0.00185317	0.00396779
58	0.00320577	0.00717356
59	0.00532484	0.01249841
60	0.00849017	0.02098858
61	0.01299042	0.033979
62	0.01906659	0.05304559
63	0.02683446	0.07988004
64	0.03619856	0.11607861
65	0.04677968	0.16285829
66	0.05788395	0.22074224
67	0.0685392	0.28928144
68	0.07761057	0.36689201
69	0.08398439	0.4508764
70	0.08678386	0.53766026
71	0.08556156	0.62322182
72	0.08041202	0.70363384
73	0.07196692	0.77560076
74	0.06126914	0.8368699
75	0.04955992	0.88642982
76	0.03803941	0.92446923

77	0.02766503	0.95213426
78	0.01903449	0.97116875
79	0.0123684	0.98353715
80	0.00757564	0.99111279
81	0.00436457	0.99547736
82	0.00235971	0.99783707
83	0.00119407	0.99903113
84	0.00056387	0.999595
85	0.00024766	0.99984266
86	0.00010079	0.99994345
87	0.00003785	0.9999813
88	0.00001305	0.99999434
89	0.0000041	0.99999844
90	0.00000117	0.99999961
91	3e-7	0.99999991
92	7e-8	0.99999998
93	1e-8	1
94	0	1
...
100	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 100
Erwartungswert: $\mu = 70$		
Standardabweichung: $\sigma = 4.583$		
1 σ -Intervall: $p(66 \leq X \leq 74) = 0.67401161$		
2 σ -Intervall: $p(61 \leq X \leq 79) = 0.96254857$		
3 σ -Intervall: $p(57 \leq X \leq 83) = 0.99691652$		

p = 0.7		n = 110
k	p(X=k)	p(x≤k)
0	0	0
...
47	0	0
48	1e-8	1e-8
49	2e-8	3e-8
50	5e-8	7e-8
51	1.3e-7	2e-7
52	3.5e-7	5.5e-7
53	8.9e-7	0.00000144
54	0.00000219	0.00000363
55	0.0000052	0.00000882
56	0.00001191	0.00002073
57	0.00002632	0.00004705
58	0.00005612	0.00010316

59	0.0001154	0.00021857
60	0.00022888	0.00044745
61	0.00043775	0.0008852
62	0.00080726	0.00169246
63	0.00143512	0.00312758
64	0.00245914	0.00558672
65	0.00406073	0.00964746
66	0.00646026	0.01610771
67	0.0098993	0.02600702
68	0.01460632	0.04061334
69	0.02074521	0.06135856
70	0.02835179	0.08971035
71	0.03726996	0.12698031
72	0.04710509	0.1740854
73	0.0572144	0.23129981
74	0.06675014	0.29804995
75	0.07476015	0.3728101
76	0.08033438	0.45314448
77	0.08276875	0.53591323
78	0.08170761	0.61762084
79	0.07722576	0.6948466
80	0.06982496	0.76467156
81	0.06034256	0.82501412
82	0.04979487	0.87480899
83	0.03919597	0.91400496
84	0.02939697	0.94340193
85	0.02098137	0.9643833
86	0.01423155	0.97861485
87	0.00916054	0.98777539
88	0.00558654	0.99336193
89	0.0032222	0.99658413
90	0.00175431	0.99833844
91	0.00089965	0.99923808
92	0.00043352	0.99967161
93	0.00019579	0.99986739
94	0.00008262	0.99995001
95	0.00003247	0.99998248
96	0.00001184	0.99999432
97	0.00000399	0.9999983
98	0.00000123	0.99999954
99	3.5e-7	0.99999988
100	9e-8	0.99999997
101	2e-8	0.99999999
102	0	1
...
110	0	1
k	p(X=k)	p(x≤k)

p = 0.7	n = 110
Erwartungswert: $\mu = 77$	
Standardabweichung: $\sigma = 4.806$	
1 σ -Intervall: $p(73 \leq X \leq 81) = 0.65092871$	
2 σ -Intervall: $p(68 \leq X \leq 86) = 0.95260783$	
3 σ -Intervall: $p(63 \leq X \leq 91) = 0.99754562$	

p = 0.7		n = 120
k	p(X=k)	p(x≤k)
0	0	0
...
53	0	0
54	1e-8	1e-8
55	2e-8	3e-8
56	5e-8	8e-8
57	1.4e-7	2.3e-7
58	3.6e-7	5.8e-7
59	8.8e-7	0.00000146
60	0.00000208	0.00000354
61	0.00000478	0.00000832
62	0.0000106	0.00001892
63	0.00002278	0.0000417
64	0.00004733	0.00008903
65	0.00009515	0.00018418
66	0.00018502	0.0003692
67	0.00034795	0.00071715
68	0.00063279	0.00134994
69	0.00111273	0.00246268
70	0.00189164	0.00435432
71	0.00310834	0.00746266
72	0.00493592	0.01239858
73	0.00757292	0.0199715
74	0.01122293	0.03119443
75	0.01606126	0.0472557
76	0.0221899	0.0694456
77	0.02958654	0.09903214
78	0.0380579	0.13709004
79	0.04721106	0.1843011
80	0.05645656	0.24075767
81	0.06505283	0.3058105
82	0.07219278	0.37800328
83	0.0771216	0.45512488
84	0.07926387	0.53438874

85	0.07833135	0.61272009
86	0.07438442	0.68710452
87	0.06782947	0.75493399
88	0.05935079	0.81428478
89	0.04979242	0.8640772
90	0.04001835	0.90409556
91	0.03078335	0.93487891
92	0.02264138	0.95752028
93	0.01590577	0.97342605
94	0.01066025	0.9840863
95	0.0068076	0.9908939
96	0.00413656	0.99503046
97	0.00238812	0.99741858
98	0.00130778	0.99872636
99	0.00067811	0.99940447
100	0.00033227	0.99973674
101	0.00015353	0.99989026
102	0.00006673	0.99995699
103	0.00002721	0.9999842
104	0.00001038	0.99999458
105	0.00000369	0.99999827
106	0.00000122	0.99999949
107	3.7e-7	0.99999986
108	1e-7	0.99999997
109	3e-8	0.99999999
110	1e-8	1
111	0	1
...
120	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 120
Erwartungswert: $\mu = 84$		
Standardabweichung: $\sigma = 5.02$		
1 σ -Intervall: $p(79 \leq X \leq 89) = 0.72698716$		
2 σ -Intervall: $p(74 \leq X \leq 94) = 0.9641148$		
3 σ -Intervall: $p(69 \leq X \leq 99) = 0.99805452$		

p = 0.7		n = 130
k	p(X=k)	p(x≤k)
0	0	0
...
59	0	0
60	1e-8	1e-8

61	2e-8	3e-8
62	6e-8	9e-8
63	1.4e-7	2.4e-7
64	3.5e-7	5.9e-7
65	8.4e-7	0.00000143
66	0.00000192	0.00000335
67	0.00000428	0.00000763
68	0.00000926	0.00001689
69	0.00001941	0.0000363
70	0.00003947	0.00007577
71	0.00007783	0.00015359
72	0.0001488	0.0003024
73	0.00027587	0.00057826
74	0.00049581	0.00107408
75	0.00086382	0.0019379
76	0.00145864	0.00339654
77	0.00238687	0.00578341
78	0.00378431	0.00956772
79	0.00581219	0.0153799
80	0.00864563	0.02402553
81	0.01245255	0.03647808
82	0.0173627	0.05384078
83	0.02342919	0.07726997
84	0.0305881	0.10785807
85	0.03862498	0.14648305
86	0.04715841	0.19364146
87	0.05565053	0.24929199
88	0.06345004	0.31274202
89	0.06986633	0.38260836
90	0.07426533	0.45687368
91	0.07616956	0.53304325
92	0.07534163	0.60838488
93	0.07183109	0.68021598
94	0.06597253	0.7461885
95	0.0583336	0.80452211
96	0.04962407	0.85414618
97	0.04058601	0.89473219
98	0.03188901	0.9266212
99	0.02405097	0.95067217
100	0.01739687	0.96806904
101	0.01205724	0.98012627
102	0.00799875	0.98812503
103	0.00507364	0.99319867
104	0.00307346	0.99627213
105	0.00177578	0.9980479
106	0.00097723	0.99902514
107	0.00051145	0.99953659

108	0.00025415	0.99979073
109	0.00011969	0.99991042
110	0.00005332	0.99996374
111	0.00002242	0.99998616
112	0.00000887	0.99999503
113	0.0000033	0.99999833
114	0.00000115	0.99999947
115	3.7e-7	0.99999985
116	1.1e-7	0.99999996
117	3e-8	0.99999999
118	1e-8	1
119	0	1
...
130	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 130
Erwartungswert: $\mu = 91$		
Standardabweichung: $\sigma = 5.225$		
1 σ -Intervall: $p(86 \leq X \leq 96) = 0.70766313$		
2 σ -Intervall: $p(81 \leq X \leq 101) = 0.95610074$		
3 σ -Intervall: $p(76 \leq X \leq 106) = 0.99708724$		

p = 0.7		n = 140
k	p(X=k)	p(x≤k)
0	0	0
...
64	0	0
65	0	1e-8
66	1e-8	1e-8
67	2e-8	4e-8
68	6e-8	1e-7
69	1.4e-7	2.4e-7
70	3.4e-7	5.8e-7
71	7.8e-7	0.00000135
72	0.00000173	0.00000308
73	0.00000377	0.00000685
74	0.00000796	0.00001481
75	0.00001635	0.00003116
76	0.00003262	0.00006378
77	0.00006326	0.00012704
78	0.00011923	0.00024627
79	0.00021833	0.00046459
80	0.00038844	0.00085304

81	0.00067138	0.00152442
82	0.00112716	0.00265157
83	0.00183785	0.00448942
84	0.00290993	0.00739936
85	0.00447331	0.01187266
86	0.00667529	0.01854795
87	0.00966765	0.0282156
88	0.01358598	0.04180159
89	0.01852172	0.0603233
90	0.02448982	0.08481313
91	0.03139721	0.11621034
92	0.039019	0.15522933
93	0.04699062	0.20221995
94	0.05482239	0.25704234
95	0.06193968	0.31898203
96	0.06774653	0.38672855
97	0.07170423	0.45843278
98	0.07341147	0.53184425
99	0.07266994	0.6045142
100	0.06952091	0.67403511
101	0.06424375	0.73827885
102	0.0573155	0.79559435
103	0.04933956	0.84493391
104	0.04095816	0.88589207
105	0.03276653	0.91865859
106	0.02524465	0.94390324
107	0.01871722	0.96262046
108	0.01334468	0.97596514
109	0.00914131	0.98510645
110	0.0060111	0.99111756
111	0.00379079	0.99490835
112	0.00229027	0.99719861
113	0.00132417	0.99852278
114	0.00073178	0.99925455
115	0.00038604	0.99964059
116	0.00019413	0.99983472
117	0.00009292	0.99992764
118	0.00004226	0.9999699
119	0.00001823	0.99998813
120	0.00000744	0.99999557
121	0.00000287	0.99999844
122	0.00000104	0.99999948
123	3.6e-7	0.99999984
124	1.1e-7	0.99999995
125	3e-8	0.99999999
126	1e-8	1
127	0	1

...
140	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 140
Erwartungswert: $\mu = 98$		
Standardabweichung: $\sigma = 5.422$		
1 σ -Intervall: $p(93 \leq X \leq 103) = 0.68970458$		
2 σ -Intervall: $p(88 \leq X \leq 108) = 0.94774954$		
3 σ -Intervall: $p(82 \leq X \leq 114) = 0.99773014$		

	p = 0.7	n = 150
k	p(X=k)	p(x≤k)
0	0	0
...
70	0	0
71	0	1e-8
72	1e-8	2e-8
73	2e-8	4e-8
74	6e-8	1e-7
75	1.4e-7	2.3e-7
76	3.1e-7	5.5e-7
77	7e-7	0.00000125
78	0.00000154	0.00000279
79	0.00000327	0.00000605
80	0.00000676	0.00001281
81	0.00001364	0.00002645
82	0.00002677	0.00005322
83	0.00005118	0.0001044
84	0.00009525	0.00019965
85	0.00017257	0.00037223
86	0.00030435	0.00067657
87	0.0005224	0.00119897
88	0.00087265	0.00207162
89	0.00141846	0.00349008
90	0.00224327	0.00573335
91	0.00345119	0.00918454
92	0.00516427	0.01434881
93	0.00751504	0.02186385
94	0.01063298	0.03249683
95	0.01462501	0.04712184
96	0.01955079	0.06667263
97	0.02539587	0.0920685
98	0.03204717	0.12411567

99	0.03927667	0.16339234
100	0.04673924	0.21013158
101	0.05398922	0.2641208
102	0.06051733	0.32463812
103	0.06580525	0.39044337
104	0.06939079	0.45983416
105	0.07093281	0.53076697
106	0.07026363	0.6010306
107	0.06741806	0.66844866
108	0.06263221	0.73108087
109	0.05631153	0.7873924
110	0.04897397	0.83636637
111	0.04117931	0.87754568
112	0.03345819	0.91100388
113	0.02625333	0.93725721
114	0.01988191	0.95713911
115	0.01452244	0.97166155
116	0.01022413	0.98188568
117	0.0069326	0.98881828
118	0.00452382	0.9933421
119	0.00283847	0.99618057
120	0.00171097	0.99789154
121	0.00098982	0.99888135
122	0.000549	0.99943035
123	0.00029161	0.99972196
124	0.00014816	0.99987011
125	0.0000719	0.99994202
126	0.00003329	0.99997531
127	0.00001468	0.99998999
128	0.00000615	0.99999614
129	0.00000245	0.99999859
130	9.2e-7	0.99999951
131	3.3e-7	0.99999984
132	1.1e-7	0.99999995
133	3e-8	0.99999999
134	1e-8	1
135	0	1
...
150	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 150
Erwartungswert: $\mu = 105$		
Standardabweichung: $\sigma = 5.612$		
1 σ -Intervall: $p(100 \leq X \leq 110) = 0.67297403$		
2 σ -Intervall: $p(94 \leq X \leq 116) = 0.96002183$		

3 σ -Intervall:
 $p(89 \leq X \leq 121) = 0.99680973$

p = 0.7		n = 160
k	p(X=k)	p(x≤k)
0	0	0
...
76	0	0
77	0	1e-8
78	1e-8	2e-8
79	2e-8	4e-8
80	6e-8	9e-8
81	1.3e-7	2.2e-7
82	2.9e-7	5.1e-7
83	6.3e-7	0.00000113
84	0.00000134	0.00000247
85	0.0000028	0.00000527
86	0.00000569	0.00001096
87	0.00001129	0.00002225
88	0.00002185	0.0000441
89	0.00004125	0.00008535
90	0.00007593	0.00016128
91	0.00013629	0.00029757
92	0.00023851	0.00053608
93	0.00040691	0.00094299
94	0.00067674	0.00161974
95	0.00109704	0.00271677
96	0.00173317	0.00444994
97	0.00266825	0.00711819
98	0.00400237	0.01112056
99	0.00584858	0.01696914
100	0.00832448	0.02529362
101	0.01153888	0.0368325
102	0.01557372	0.05240621
103	0.02046256	0.07286877
104	0.02616846	0.09903723
105	0.03256519	0.13160242
106	0.03942641	0.17102884
107	0.04642737	0.21745621
108	0.0531622	0.27061841
109	0.0591775	0.3297959
110	0.06401929	0.39381519
111	0.06728754	0.46110274
112	0.06868937	0.5297921
113	0.0680815	0.5978736
114	0.0654936	0.6633672
115	0.06112736	0.72449457

116	0.0553308	0.77982537
117	0.04855239	0.82837776
118	0.04128324	0.869661
119	0.03399796	0.90365896
120	0.02710393	0.9307629
121	0.02090662	0.95166951
122	0.01559428	0.96726379
123	0.0112414	0.97850519
124	0.00782668	0.98633187
125	0.00525953	0.9915914
126	0.00340895	0.99500035
127	0.00212948	0.99712983
128	0.00128101	0.99841084
129	0.00074147	0.9991523
130	0.00041256	0.99956486
131	0.00022045	0.99978531
132	0.00011301	0.99989832
133	0.00005551	0.99995384
134	0.0000261	0.99997994
135	0.00001173	0.99999167
136	0.00000503	0.9999967
137	0.00000206	0.99999875
138	8e-7	0.99999955
139	3e-7	0.99999985
140	1e-7	0.99999995
141	3e-8	0.99999999
142	1e-8	1
143	0	1
...
160	0	1

k	p(X=k)	p(x≤k)
	p = 0.7	n = 160

Erwartungswert: $\mu = 112$
Standardabweichung: $\sigma = 5.797$
1 σ -Intervall: $p(107 \leq X \leq 117) = 0.65734892$
2 σ -Intervall: $p(101 \leq X \leq 123) = 0.95321158$
3 σ -Intervall: $p(95 \leq X \leq 129) = 0.99753257$

	p = 0.7	n = 170
k	p(X=k)	p(x≤k)
0	0	0
...
82	0	0

83	0	1e-8
84	1e-8	2e-8
85	2e-8	4e-8
86	5e-8	9e-8
87	1.2e-7	2.1e-7
88	2.6e-7	4.6e-7
89	5.5e-7	0.00000101
90	0.00000116	0.00000217
91	0.00000237	0.00000454
92	0.00000475	0.00000928
93	0.00000929	0.00001858
94	0.00001776	0.00003633
95	0.00003315	0.00006948
96	0.00006043	0.00012991
97	0.00010757	0.00023748
98	0.00018696	0.00042444
99	0.00031727	0.00074171
100	0.00052561	0.00126733
101	0.00085	0.00211733
102	0.00134167	0.00345899
103	0.00206677	0.00552576
104	0.00310678	0.00863255
105	0.00455662	0.01318916
106	0.00651969	0.01970885
107	0.00909913	0.02880798
108	0.01238492	0.0411929
109	0.01643748	0.05763038
110	0.0212691	0.07889948
111	0.0268259	0.10572538
112	0.0329735	0.13869888
113	0.03949038	0.17818926
114	0.04607211	0.22426137
115	0.05234861	0.27660998
116	0.05791441	0.33452438
117	0.06236936	0.39689374
118	0.0653645	0.46225824
119	0.06664615	0.5289044
120	0.06609077	0.59499517
121	0.06372388	0.65871905
122	0.05971938	0.71843843
123	0.05437862	0.77281705
124	0.04809292	0.82090997
125	0.04129579	0.86220575
126	0.03441316	0.89661891
127	0.02781956	0.92443847
128	0.02180648	0.94624494
129	0.01656616	0.9628111

130	0.012191	0.9750021
131	0.0086857	0.98368779
132	0.00598787	0.98967566
133	0.00399191	0.99366757
134	0.0025719	0.99623947
135	0.0016003	0.99783977
136	0.00096096	0.99880073
137	0.00055647	0.9993572
138	0.00031049	0.99966769
139	0.00016679	0.99983448
140	0.00008617	0.99992066
141	0.00004278	0.99996344
142	0.00002039	0.99998382
143	0.00000931	0.99999314
144	0.00000407	0.99999721
145	0.0000017	0.99999892
146	6.8e-7	0.9999996
147	2.6e-7	0.99999986
148	9e-8	0.99999995
149	3e-8	0.99999998
150	1e-8	1
151	0	1
...
170	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 170
Erwartungswert: $\mu = 119$		
Standardabweichung: $\sigma = 5.975$		
1 σ -Intervall: $p(114 \leq X \leq 124) = 0.6427207$		
2 σ -Intervall: $p(108 \leq X \leq 130) = 0.94619412$		
3 σ -Intervall: $p(102 \leq X \leq 136) = 0.99668341$		

	p = 0.7	n = 180
k	p(X=k)	p(x≤k)
0	0	0
...
88	0	0
89	0	1e-8
90	1e-8	2e-8
91	2e-8	4e-8
92	5e-8	8e-8
93	1e-7	1.9e-7
94	2.3e-7	4.1e-7

95	4.8e-7	8.9e-7
96	9.9e-7	0.00000188
97	0.00000199	0.00000387
98	0.00000394	0.00000781
99	0.00000761	0.00001541
100	0.00001438	0.00002979
101	0.00002658	0.00005637
102	0.00004803	0.0001044
103	0.00008486	0.00018926
104	0.00014661	0.00033587
105	0.00024761	0.00058348
106	0.00040879	0.00099226
107	0.00065966	0.00165192
108	0.00104039	0.00269231
109	0.00160354	0.00429585
110	0.00241502	0.00671087
111	0.00355364	0.0102645
112	0.00510835	0.01537285
113	0.00717279	0.02254564
114	0.00983637	0.03238201
115	0.01317218	0.04555418
116	0.01722224	0.06277643
117	0.02198167	0.08475809
118	0.02738394	0.11214203
119	0.03329028	0.14543231
120	0.03948597	0.18491828
121	0.04568625	0.23060453
122	0.05155306	0.28215759
123	0.05672234	0.33887992
124	0.06083928	0.3997192
125	0.06359733	0.46331653
126	0.06477506	0.52809159
127	0.06426502	0.5923566
128	0.06208938	0.65444598
129	0.05839931	0.71284529
130	0.05345783	0.76630312
131	0.04760876	0.81391188
132	0.04123688	0.85514876
133	0.03472579	0.88987455
134	0.02841986	0.91829441
135	0.02259555	0.94088996
136	0.01744509	0.95833505
137	0.01307321	0.97140825
138	0.00950492	0.98091317
139	0.00670131	0.98761448
140	0.00457923	0.9921937
141	0.00303117	0.99522487

142	0.00194251	0.99716738
143	0.00120445	0.99837182
144	0.00072211	0.99909393
145	0.00041833	0.99951226
146	0.00023399	0.99974625
147	0.00012628	0.99987254
148	0.0000657	0.99993824
149	0.00003292	0.99997116
150	0.00001588	0.99998704
151	0.00000736	0.9999944
152	0.00000328	0.99999768
153	0.0000014	0.99999908
154	5.7e-7	0.99999965
155	2.2e-7	0.99999987
156	8e-8	0.99999996
157	3e-8	0.99999999
158	1e-8	1
159	0	1
...
180	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 180
Erwartungswert: $\mu = 126$		
Standardabweichung: $\sigma = 6.148$		
1 σ -Intervall: $p(120 \leq X \leq 132) = 0.70971644$		
2 σ -Intervall: $p(114 \leq X \leq 138) = 0.95836753$		
3 σ -Intervall: $p(108 \leq X \leq 144) = 0.99744201$		

p = 0.7		n = 190
k	p(X=k)	p(x≤k)
0	0	0
...
94	0	0
95	0	1e-8
96	1e-8	1e-8
97	2e-8	3e-8
98	4e-8	8e-8
99	9e-8	1.7e-7
100	2e-7	3.7e-7
101	4.1e-7	7.8e-7
102	8.3e-7	0.00000161
103	0.00000166	0.00000327
104	0.00000325	0.00000652

105	0.0000062	0.00001273
106	0.00001161	0.00002433
107	0.00002126	0.0000456
108	0.00003813	0.00008373
109	0.00006694	0.00015067
110	0.00011501	0.00026568
111	0.00019341	0.00045908
112	0.00031832	0.0007774
113	0.00051269	0.00129009
114	0.00080801	0.00209809
115	0.00124597	0.00334406
116	0.00187969	0.00522375
117	0.00277402	0.00799778
118	0.00400431	0.01200208
119	0.00565314	0.01765522
120	0.00780447	0.02545969
121	0.01053496	0.03599466
122	0.0139027	0.04989736
123	0.0179341	0.06783146
124	0.02261047	0.09044193
125	0.0278561	0.11829803
126	0.03353049	0.15182851
127	0.03942693	0.19125544
128	0.04527936	0.2365348
129	0.0507784	0.2873132
130	0.05559584	0.34290905
131	0.0594154	0.40232445
132	0.06196607	0.46429052
133	0.06305319	0.5273437
134	0.06258264	0.58992635
135	0.06057382	0.65050017
136	0.05715912	0.70765928
137	0.0525697	0.76022898
138	0.04710956	0.80733854
139	0.04112201	0.84846056
140	0.03495371	0.88341427
141	0.02892151	0.91233578
142	0.02328657	0.93562235
143	0.01823843	0.95386078
144	0.01388992	0.9677507
145	0.01028173	0.97803243
146	0.0073944	0.98542683
147	0.00516434	0.99059117
148	0.00350105	0.99409222
149	0.0023027	0.99639492
150	0.00146861	0.99786353
151	0.00090775	0.99877129

152	0.00054346	0.99931474
153	0.00031494	0.99962969
154	0.00017656	0.99980625
155	0.00009568	0.99990193
156	0.00005009	0.99995202
157	0.00002531	0.99997733
158	0.00001234	0.99998967
159	0.00000579	0.99999546
160	0.00000262	0.99999808
161	0.00000114	0.99999922
162	4.8e-7	0.9999997
163	1.9e-7	0.99999989
164	7e-8	0.99999996
165	3e-8	0.99999999
166	1e-8	1
167	0	1
...
190	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 190
Erwartungswert: $\mu = 133$		
Standardabweichung: $\sigma = 6.317$		
1σ-Intervall: $p(127 \leq X \leq 139) = 0.69663204$		
2σ-Intervall: $p(121 \leq X \leq 145) = 0.95257274$		
3σ-Intervall: $p(115 \leq X \leq 151) = 0.99667319$		

p = 0.7		n = 200
k	p(X=k)	p(x≤k)
0	0	0
...
100	0	0
101	0	1e-8
102	1e-8	1e-8
103	2e-8	3e-8
104	4e-8	7e-8
105	8e-8	1.5e-7
106	1.7e-7	3.2e-7
107	3.5e-7	6.7e-7
108	7e-7	0.00000137
109	0.00000138	0.00000275
110	0.00000267	0.00000542
111	0.00000504	0.00001046
112	0.00000935	0.00001981

113	0.00001699	0.0000368
114	0.00003025	0.00006705
115	0.00005279	0.00011984
116	0.00009025	0.00021009
117	0.00015119	0.00036128
118	0.00024815	0.00060943
119	0.00039898	0.00100841
120	0.00062839	0.00163681
121	0.00096942	0.00260623
122	0.00146473	0.00407096
123	0.00216732	0.00623828
124	0.00314029	0.00937857
125	0.00445503	0.0138336
126	0.00618753	0.02002113
127	0.00841245	0.02843358
128	0.01119469	0.03962828
129	0.01457913	0.05420741
130	0.01857905	0.07278646
131	0.02316472	0.09595117
132	0.02825394	0.12420511
133	0.03370645	0.15791156
134	0.03932419	0.19723575
135	0.04485871	0.24209446
136	0.05002625	0.29212071
137	0.05452983	0.34665055
138	0.05808613	0.40473668
139	0.06045415	0.46519082
140	0.06146172	0.52665254
141	0.06102582	0.58767836
142	0.05916353	0.64684189
143	0.05599159	0.70283348
144	0.05171446	0.75454793
145	0.04660245	0.80115038
146	0.04096334	0.84211373
147	0.03511144	0.87722516
148	0.02933861	0.90656377
149	0.02389095	0.93045472
150	0.01895349	0.94940821
151	0.01464397	0.96405218
152	0.01101509	0.97506727
153	0.00806334	0.98313061
154	0.00574207	0.98887268
155	0.00397623	0.99284892
156	0.00267631	0.99552522
157	0.00175011	0.99727534
158	0.00111136	0.9983867
159	0.00068499	0.99907169

160	0.00040957	0.99948125
161	0.00023743	0.99971868
162	0.00013337	0.99985205
163	0.00007255	0.9999246
164	0.00003819	0.99996279
165	0.00001944	0.99998224
166	0.00000957	0.9999918
167	0.00000454	0.99999635
168	0.00000208	0.99999843
169	9.2e-7	0.99999935
170	3.9e-7	0.99999974
171	1.6e-7	0.9999999
172	6e-8	0.99999996
173	2e-8	0.99999999
174	1e-8	1
175	0	1
...
200	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 200
Erwartungswert: $\mu = 140$		
Standardabweichung: $\sigma = 6.481$		
1σ-Intervall: $p(134 \leq X \leq 146) = 0.68420217$		
2σ-Intervall: $p(128 \leq X \leq 152) = 0.94663369$		
3σ-Intervall: $p(121 \leq X \leq 159) = 0.99743488$		

p = 0.7		n = 210
k	p(X=k)	p(x≤k)
0	0	0
...
106	0	0
107	0	1e-8
108	1e-8	1e-8
109	2e-8	3e-8
110	3e-8	6e-8
111	7e-8	1.3e-7
112	1.5e-7	2.8e-7
113	2.9e-7	5.7e-7
114	5.9e-7	0.00000116
115	0.00000114	0.0000023
116	0.00000218	0.00000448
117	0.00000409	0.00000857
118	0.00000751	0.00001608

119	0.00001355	0.00002963
120	0.00002398	0.00005362
121	0.00004163	0.00009524
122	0.00007086	0.0001661
123	0.00011828	0.00028438
124	0.00019364	0.00047803
125	0.00031086	0.00078889
126	0.00048932	0.0012782
127	0.00075517	0.00203337
128	0.00114258	0.00317595
129	0.00169468	0.00487064
130	0.00246381	0.00733445
131	0.00351077	0.01084522
132	0.00490267	0.01574789
133	0.00670892	0.02245681
134	0.00899529	0.0314521
135	0.01181604	0.04326814
136	0.01520446	0.0584726
137	0.0191628	0.07763539
138	0.02365263	0.10128802
139	0.02858735	0.12987538
140	0.03382837	0.16370374
141	0.03918652	0.20289026
142	0.04442979	0.24732006
143	0.04929739	0.29661745
144	0.05351962	0.35013707
145	0.05684153	0.40697859
146	0.05904771	0.4660263
147	0.05998497	0.52601127
148	0.05957967	0.58559094
149	0.05784693	0.64343786
150	0.0548903	0.69832817
151	0.05089167	0.74921984
152	0.04609268	0.79531252
153	0.04077043	0.83608295
154	0.03521083	0.87129377
155	0.0296831	0.90097688
156	0.02441879	0.92539567
157	0.01959725	0.94499292
158	0.01533877	0.96033169
159	0.01170506	0.97203675
160	0.00870564	0.98074239
161	0.00630843	0.98705083
162	0.00445225	0.99150307
163	0.00305921	0.99456229
164	0.00204569	0.99660798
165	0.00133073	0.99793872

166	0.00084173	0.99878044
167	0.00051747	0.99929792
168	0.00030904	0.99960696
169	0.00017921	0.99978617
170	0.00010085	0.99988702
171	0.00005504	0.99994206
172	0.00002912	0.99997119
173	0.00001493	0.99998611
174	0.00000741	0.99999352
175	0.00000355	0.99999707
176	0.00000165	0.99999872
177	7.4e-7	0.99999946
178	3.2e-7	0.99999978
179	1.3e-7	0.99999991
180	5e-8	0.99999997
181	2e-8	0.99999999
182	1e-8	1
183	0	1
...
210	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 210
Erwartungswert: $\mu = 147$		
Standardabweichung: $\sigma = 6.641$		
1 σ -Intervall: $p(141 \leq X \leq 153) = 0.67237921$		
2 σ -Intervall: $p(134 \leq X \leq 160) = 0.95828558$		
3 σ -Intervall: $p(128 \leq X \leq 166) = 0.99674707$		

p = 0.7		n = 220
k	p(X=k)	p(x≤k)
0	0	0
...
112	0	0
113	0	1e-8
114	1e-8	1e-8
115	1e-8	3e-8
116	3e-8	5e-8
117	6e-8	1.2e-7
118	1.2e-7	2.4e-7
119	2.5e-7	4.9e-7
120	4.9e-7	9.7e-7
121	9.4e-7	0.00000191
122	0.00000178	0.00000369

123	0.0000033	0.00000699
124	0.00000603	0.00001302
125	0.0000108	0.00002382
126	0.00001901	0.00004283
127	0.00003282	0.00007566
128	0.00005565	0.0001313
129	0.0000926	0.00022391
130	0.00015125	0.00037516
131	0.00024246	0.00061762
132	0.00038145	0.00099907
133	0.00058891	0.00158798
134	0.00089215	0.00248013
135	0.00132611	0.00380624
136	0.00193391	0.00574016
137	0.00276677	0.00850692
138	0.00388283	0.01238975
139	0.00534471	0.01773446
140	0.00721536	0.02494982
141	0.00955225	0.03450206
142	0.01239998	0.04690204
143	0.01578179	0.06268384
144	0.01969071	0.08237455
145	0.02408151	0.10645606
146	0.02886483	0.13532088
147	0.03390472	0.1692256
148	0.03902097	0.20824657
149	0.0439968	0.25224336
150	0.04859202	0.30083538
151	0.0525609	0.35339628
152	0.05567306	0.40906934
153	0.05773503	0.46680437
154	0.0586098	0.52541417
155	0.05823167	0.58364584
156	0.05661412	0.64025996
157	0.05384953	0.69410949
158	0.05010051	0.74421
159	0.04558411	0.78979411
160	0.04055087	0.83034498
161	0.03526162	0.8656066
162	0.02996512	0.89557173
163	0.02487902	0.92045074
164	0.02017628	0.94062702
165	0.01597798	0.956605
166	0.01235246	0.96895746
167	0.00931982	0.97827728
168	0.00686042	0.9851377
169	0.00492543	0.99006313

170	0.0034478	0.99351093
171	0.0023523	0.99586323
172	0.00156364	0.99742687
173	0.0010123	0.99843917
174	0.00063802	0.99907719
175	0.00039132	0.99946851
176	0.00023346	0.99970197
177	0.00013541	0.99983738
178	0.00007633	0.99991371
179	0.00004179	0.9999555
180	0.00002221	0.99997771
181	0.00001145	0.99998916
182	0.00000573	0.99999489
183	0.00000277	0.99999766
184	0.0000013	0.99999897
185	5.9e-7	0.99999956
186	2.6e-7	0.99999982
187	1.1e-7	0.99999993
188	5e-8	0.99999997
189	2e-8	0.99999999
190	1e-8	1
191	0	1
...
220	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 220
Erwartungswert: $\mu = 154$		
Standardabweichung: $\sigma = 6.797$		
1 σ -Intervall: $p(148 \leq X \leq 160) = 0.66111938$		
2 σ -Intervall: $p(141 \leq X \leq 167) = 0.95332746$		
3 σ -Intervall: $p(134 \leq X \leq 174) = 0.99748921$		

	p = 0.7	n = 230
k	p(X=k)	p(x≤k)
0	0	0
...
119	0	0
120	1e-8	1e-8
121	1e-8	2e-8
122	3e-8	5e-8
123	5e-8	1e-7
124	1e-7	2e-7
125	2.1e-7	4.1e-7

126	4e-7	8.1e-7
127	7.7e-7	0.00000158
128	0.00000144	0.00000303
129	0.00000266	0.00000569
130	0.00000483	0.00001052
131	0.0000086	0.00001913
132	0.00001506	0.00003418
133	0.00002589	0.00006007
134	0.00004372	0.00010379
135	0.00007255	0.00017633
136	0.00011824	0.00029457
137	0.0001893	0.00048388
138	0.00029767	0.00078155
139	0.00045971	0.00124126
140	0.00069723	0.00193849
141	0.00103843	0.00297691
142	0.00151864	0.00449555
143	0.00218061	0.00667616
144	0.00307405	0.00975021
145	0.0042542	0.01400441
146	0.00577911	0.01978352
147	0.00770548	0.02748901
148	0.01008307	0.03757208
149	0.01294784	0.05051992
150	0.01631428	0.0668342
151	0.02016776	0.08700196
152	0.02445784	0.1114598
153	0.02909363	0.14055343
154	0.03394257	0.174496
155	0.03883322	0.21332923
156	0.04356291	0.25689214
157	0.04790995	0.30480209
158	0.05164976	0.35645185
159	0.05457333	0.41102518
160	0.05650614	0.46753132
161	0.05732507	0.52485638
162	0.05697121	0.58182759
163	0.05545663	0.63728422
164	0.05286415	0.69014837
165	0.04933987	0.73948824
166	0.0450796	0.78456785
167	0.0403107	0.82487855
168	0.03527187	0.86015042
169	0.03019327	0.89034369
170	0.02527947	0.91562315
171	0.02069664	0.93631979
172	0.01656533	0.95288513

173	0.01295862	0.96584375
174	0.00990515	0.9757489
175	0.00739585	0.98314475
176	0.00539281	0.98853756
177	0.00383895	0.9923765
178	0.00266713	0.99504364
179	0.00180789	0.99685153
180	0.00119522	0.99804674
181	0.0007704	0.99881714
182	0.00048397	0.99930111
183	0.0002962	0.99959731
184	0.00017654	0.99977384
185	0.00010242	0.99987627
186	0.00005782	0.99993409
187	0.00003174	0.99996583
188	0.00001694	0.99998277
189	0.00000878	0.99999156
190	0.00000442	0.99999598
191	0.00000216	0.99999814
192	0.00000102	0.99999917
193	4.7e-7	0.99999964
194	2.1e-7	0.99999985
195	9e-8	0.99999994
196	4e-8	0.99999998
197	2e-8	0.99999999
198	1e-8	1
199	0	1
...
230	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 230
Erwartungswert: $\mu = 161$		
Standardabweichung: $\sigma = 6.95$		
1 σ -Intervall: $p(155 \leq X \leq 167) = 0.65038255$		
2 σ -Intervall: $p(148 \leq X \leq 174) = 0.9482599$		
3 σ -Intervall: $p(141 \leq X \leq 181) = 0.99687865$		

p = 0.7		n = 240
k	p(X=k)	p(x≤k)
0	0	0
...
125	0	0
126	1e-8	1e-8

127	1e-8	2e-8
128	2e-8	4e-8
129	4e-8	9e-8
130	9e-8	1.7e-7
131	1.7e-7	3.5e-7
132	3.3e-7	6.8e-7
133	6.3e-7	0.00000131
134	0.00000117	0.00000248
135	0.00000215	0.00000462
136	0.00000386	0.00000849
137	0.00000685	0.00001533
138	0.00001192	0.00002726
139	0.00002041	0.00004767
140	0.00003436	0.00008203
141	0.00005687	0.0001389
142	0.00009251	0.00023141
143	0.00014793	0.00037934
144	0.00023251	0.00061185
145	0.00035919	0.00097104
146	0.00054534	0.00151638
147	0.00081368	0.00233006
148	0.00119303	0.0035231
149	0.00171882	0.00524192
150	0.00243309	0.00767501
151	0.00338377	0.01105878
152	0.004623	0.01568178
153	0.00620429	0.02188607
154	0.00817838	0.03006445
155	0.01058793	0.04065238
156	0.01346114	0.05411352
157	0.016805	0.07091852
158	0.02059853	0.09151704
159	0.02478733	0.11630437
160	0.02928003	0.1455844
161	0.03394786	0.17953226
162	0.03862792	0.21816018
163	0.04313056	0.26129074
164	0.04725075	0.30854149
165	0.05078263	0.35932412
166	0.0535359	0.41286002
167	0.05535249	0.46821251
168	0.05612127	0.52433378
169	0.0557892	0.58012297
170	0.05436712	0.63449009
171	0.05192961	0.6864197
172	0.04860853	0.73502822
173	0.04458123	0.77960945

174	0.04005478	0.81966424
175	0.03524821	0.85491245
176	0.03037488	0.88528732
177	0.02562702	0.91091434
178	0.02116388	0.93207822
179	0.01710452	0.94918274
180	0.01352524	0.96270798
181	0.01046151	0.97316949
182	0.00791319	0.98108268
183	0.00585202	0.9869347
184	0.00422999	0.99116469
185	0.00298767	0.99415235
186	0.00206138	0.99621374
187	0.00138895	0.99760269
188	0.00091366	0.99851635
189	0.00058654	0.99910289
190	0.00036736	0.99947025
191	0.00022439	0.99969465
192	0.00013362	0.99982827
193	0.00007754	0.99990581
194	0.00004383	0.99994965
195	0.00002413	0.99997377
196	0.00001293	0.9999867
197	0.00000674	0.99999343
198	0.00000341	0.99999685
199	0.00000168	0.99999853
200	8e-7	0.99999933
201	3.7e-7	0.99999971
202	1.7e-7	0.99999987
203	7e-8	0.99999995
204	3e-8	0.99999998
205	1e-8	0.99999999
206	1e-8	1
207	0	1
...
240	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 240
Erwartungswert: $\mu = 168$		
Standardabweichung: $\sigma = 7.099$		
1 σ -Intervall: $p(161 \leq X \leq 175) = 0.70932804$		
2 σ -Intervall: $p(154 \leq X \leq 182) = 0.95919661$		
3 σ -Intervall: $p(147 \leq X \leq 189) = 0.99758651$		

p = 0.7		n = 250
k	p(X=k)	p(x≤k)
0	0	0
...
131	0	0
132	0	1e-8
133	1e-8	2e-8
134	2e-8	4e-8
135	4e-8	7e-8
136	7e-8	1.5e-7
137	1.4e-7	2.9e-7
138	2.7e-7	5.6e-7
139	5.1e-7	0.00000107
140	9.5e-7	0.00000202
141	0.00000172	0.00000375
142	0.00000309	0.00000684
143	0.00000544	0.00001228
144	0.00000944	0.00002172
145	0.0000161	0.00003782
146	0.00002702	0.00006484
147	0.0000446	0.00010944
148	0.00007243	0.00018188
149	0.00011569	0.00029757
150	0.00018177	0.00047934
151	0.00028088	0.00076022
152	0.00042686	0.00118708
153	0.00063797	0.00182505
154	0.00093762	0.00276268
155	0.00135502	0.00411769
156	0.0019254	0.00604309
157	0.00268983	0.00873292
158	0.00369426	0.01242719
159	0.00498764	0.01741483
160	0.00661902	0.02403385
161	0.0086335	0.03266736
162	0.01106723	0.04373459
163	0.01394154	0.05767613
164	0.01725691	0.07493303
165	0.02098719	0.09592022
166	0.02507505	0.12099527
167	0.0294294	0.15042467
168	0.03392556	0.18435023
169	0.03840882	0.22275906
170	0.04270157	0.26546063
171	0.0466138	0.31207443
172	0.04995626	0.36203069
173	0.05255514	0.41458584

174	0.05426671	0.46885255
175	0.05499027	0.52384281
176	0.05467782	0.57852064
177	0.05333919	0.63185983
178	0.05104181	0.68290164
179	0.04790516	0.73080681
180	0.04409049	0.7748973
181	0.039787	0.8146843
182	0.03519619	0.8498805
183	0.03051619	0.88039669
184	0.02592771	0.90632439
185	0.02158306	0.92790746
186	0.01759909	0.94550655
187	0.01405418	0.95956072
188	0.01098917	0.97054989
189	0.00841146	0.97896136
190	0.00630122	0.98526258
191	0.00461869	0.98988127
192	0.00331167	0.99319294
193	0.00232217	0.99551511
194	0.001592	0.99710712
195	0.00106678	0.9981739
196	0.00069849	0.99887238
197	0.00044675	0.99931913
198	0.00027903	0.99959816
199	0.00017013	0.99976829
200	0.00010123	0.99986951
201	0.00005875	0.99992827
202	0.00003326	0.99996152
203	0.00001835	0.99997987
204	0.00000986	0.99998974
205	0.00000516	0.9999949
206	0.00000263	0.99999753
207	0.00000131	0.99999884
208	6.3e-7	0.99999947
209	3e-7	0.99999976
210	1.3e-7	0.9999999
211	6e-8	0.99999996
212	3e-8	0.99999998
213	1e-8	0.99999999
214	0	1
...
250	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 250
Erwartungswert: $\mu = 175$		

Standardabweichung: $\sigma = 7.246$
1 σ -Intervall: $p(168 \leq X \leq 182) = 0.69945582$
2 σ -Intervall: $p(161 \leq X \leq 189) = 0.95492751$
3 σ -Intervall: $p(154 \leq X \leq 196) = 0.99704733$

p = 0.7		n = 260
k	p(X=k)	p(x≤k)
0	0	0
...
137	0	0
138	0	1e-8
139	1e-8	2e-8
140	2e-8	3e-8
141	3e-8	6e-8
142	6e-8	1.2e-7
143	1.2e-7	2.4e-7
144	2.2e-7	4.6e-7
145	4.2e-7	8.8e-7
146	7.7e-7	0.00000165
147	0.00000138	0.00000303
148	0.00000247	0.0000055
149	0.00000433	0.00000983
150	0.00000747	0.0000173
151	0.0000127	0.00003
152	0.00002125	0.00005125
153	0.000035	0.00008626
154	0.00005675	0.000143
155	0.00009055	0.00023356
156	0.00014222	0.00037577
157	0.00021982	0.00059559
158	0.00033436	0.00092995
159	0.00050049	0.00143044
160	0.00073718	0.00216762
161	0.00106838	0.00323599
162	0.00152342	0.00475942
163	0.00213716	0.00689657
164	0.00294945	0.00984602
165	0.0040041	0.01385012
166	0.00534684	0.01919696
167	0.0070224	0.02621936
168	0.00907059	0.03528995
169	0.01152162	0.04681157
170	0.01439073	0.06120231
171	0.01767283	0.07887514

172	0.02133755	0.10021268
173	0.02532549	0.12553817
174	0.0295464	0.15508457
175	0.03387987	0.18896444
176	0.03817902	0.22714347
177	0.04227734	0.26942081
178	0.04599838	0.31541918
179	0.04916773	0.36458691
180	0.05162611	0.41621302
181	0.0532424	0.46945542
182	0.05392499	0.52338041
183	0.05363032	0.57701073
184	0.05236729	0.62937802
185	0.05019711	0.67957514
186	0.04722847	0.7268036
187	0.04360846	0.77041206
188	0.0395105	0.80992256
189	0.03512045	0.84504301
190	0.03062256	0.87566557
191	0.02618683	0.90185241
192	0.02195875	0.92381116
193	0.01805245	0.9418636
194	0.01454742	0.95641102
195	0.01148873	0.96789975
196	0.00889009	0.97678984
197	0.00673902	0.98352886
198	0.00500321	0.98853207
199	0.00363717	0.99216924
200	0.00258846	0.9947577
201	0.0018029	0.9965606
202	0.00122871	0.99778931
203	0.00081914	0.99860846
204	0.00053405	0.9991425
205	0.0003404	0.9994829
206	0.00021206	0.99969497
207	0.00012908	0.99982405
208	0.00007675	0.99990079
209	0.00004455	0.99994535
210	0.00002525	0.9999706
211	0.00001396	0.99998456
212	0.00000753	0.99999208
213	0.00000396	0.99999604
214	0.00000203	0.99999807
215	0.00000101	0.99999908
216	4.9e-7	0.99999958
217	2.3e-7	0.99999981
218	1.1e-7	0.99999992

219	5e-8	0.99999996
220	2e-8	0.99999999
221	1e-8	0.99999999
222	0	1
...
260	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 260
Erwartungswert: $\mu = 182$		
Standardabweichung: $\sigma = 7.389$		
1 σ -Intervall: $p(175 \leq X \leq 189) = 0.68995844$		
2 σ -Intervall: $p(168 \leq X \leq 196) = 0.95057048$		
3 σ -Intervall: $p(160 \leq X \leq 204) = 0.99771206$		

p = 0.7		n = 270
k	p(X=k)	p(x≤k)
0	0	0
...
143	0	0
144	0	1e-8
145	1e-8	1e-8
146	1e-8	3e-8
147	3e-8	5e-8
148	5e-8	1e-7
149	1e-7	2e-7
150	1.8e-7	3.8e-7
151	3.4e-7	7.2e-7
152	6.2e-7	0.00000134
153	0.00000111	0.00000245
154	0.00000197	0.00000442
155	0.00000344	0.00000786
156	0.00000591	0.00001377
157	0.00001002	0.00002379
158	0.00001672	0.00004051
159	0.00002748	0.000068
160	0.00004449	0.00011249
161	0.00007093	0.00018341
162	0.00011135	0.00029476
163	0.00017215	0.00046691
164	0.00026207	0.00072899
165	0.00039285	0.00112183
166	0.0005798	0.00170164
167	0.00084251	0.00254415

168	0.00120526	0.0037494
169	0.00169734	0.00544674
170	0.00235298	0.00779973
171	0.0032107	0.01101042
172	0.00431204	0.01532247
173	0.00569954	0.021022
174	0.00741377	0.02843577
175	0.00948962	0.03792539
176	0.01195189	0.04987728
177	0.01481044	0.06468772
178	0.01805543	0.08274315
179	0.02165306	0.10439621
180	0.02554259	0.1299388
181	0.02963505	0.15957386
182	0.03381435	0.19338821
183	0.03794106	0.23132927
184	0.04185889	0.27318816
185	0.04540369	0.31859185
186	0.04841433	0.36700619
187	0.05074444	0.41775062
188	0.05227397	0.47002459
189	0.05291932	0.52294391
190	0.0526408	0.57558471
191	0.05144651	0.62703122
192	0.04939222	0.67642344
193	0.04657712	0.72300056
194	0.04313585	0.76613642
195	0.03922782	0.80536423
196	0.03502484	0.84038907
197	0.03069859	0.87108766
198	0.02640906	0.89749672
199	0.02229508	0.9197918
200	0.01846776	0.93825956
201	0.01500697	0.95326653
202	0.011961	0.96522753
203	0.00934883	0.97457636
204	0.00716438	0.98174074
205	0.00538202	0.98712276
206	0.00396249	0.99108525
207	0.00285861	0.99394386
208	0.00202027	0.99596413
209	0.0013984	0.99736253
210	0.0009478	0.99831033
211	0.00062887	0.9989392
212	0.00040837	0.99934758
213	0.00025947	0.99960704
214	0.00016126	0.9997683

215	0.000098	0.99986631
216	0.00005823	0.99992453
217	0.00003381	0.99995834
218	0.00001918	0.99997752
219	0.00001063	0.99998815
220	0.00000575	0.9999939
221	0.00000303	0.99999693
222	0.00000156	0.99999849
223	7.8e-7	0.99999928
224	3.8e-7	0.99999966
225	1.8e-7	0.99999985
226	9e-8	0.99999993
227	4e-8	0.99999997
228	2e-8	0.99999999
229	1e-8	1
230	0	1
...
270	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 270
Erwartungswert: $\mu = 189$		
Standardabweichung: $\sigma = 7.53$		
1 σ -Intervall: $p(182 \leq X \leq 196) = 0.68081522$		
2 σ -Intervall: $p(174 \leq X \leq 204) = 0.96071874$		
3 σ -Intervall: $p(167 \leq X \leq 211) = 0.99723757$		

p = 0.7		n = 280
k	p(X=k)	p(x≤k)
0	0	0
...
149	0	0
150	0	1e-8
151	1e-8	1e-8
152	1e-8	2e-8
153	2e-8	4e-8
154	4e-8	9e-8
155	8e-8	1.7e-7
156	1.5e-7	3.1e-7
157	2.7e-7	5.9e-7
158	5e-7	0.00000108
159	8.9e-7	0.00000197
160	0.00000157	0.00000354
161	0.00000273	0.00000628

162	0.00000468	0.00001096
163	0.00000791	0.00001886
164	0.00001316	0.00003202
165	0.00002159	0.00005361
166	0.0000349	0.00008852
167	0.00005559	0.0001441
168	0.00008724	0.00023135
169	0.00013491	0.00036626
170	0.00020554	0.0005718
171	0.00030851	0.00088031
172	0.00045619	0.0013365
173	0.00066451	0.00200101
174	0.00095348	0.00295449
175	0.00134758	0.00430207
176	0.0018759	0.00617797
177	0.00257185	0.00874982
178	0.00347248	0.0122223
179	0.00461704	0.01683935
180	0.00604491	0.02288426
181	0.0077927	0.03067695
182	0.00989073	0.04056769
183	0.01235891	0.0529266
184	0.01520236	0.06812895
185	0.01840718	0.08653613
186	0.02193687	0.108473
187	0.02572988	0.13420288
188	0.02969885	0.16390172
189	0.03373202	0.19763374
190	0.03769701	0.23533076
191	0.04144698	0.27677774
192	0.04482894	0.32160667
193	0.04769365	0.36930033
194	0.04990625	0.41920657
195	0.05135651	0.47056308
196	0.0519679	0.52253098
197	0.0517041	0.57423509
198	0.05057253	0.62480762
199	0.04862418	0.67343179
200	0.04594985	0.71938164
201	0.04267316	0.7620548
202	0.03894102	0.80099581
203	0.03491264	0.83590845
204	0.03074822	0.86665667
205	0.02659846	0.89325513
206	0.02259578	0.91585091
207	0.01884801	0.93469892
208	0.01543483	0.95013375

209	0.01240694	0.96254069
210	0.0097877	0.97232839
211	0.00757658	0.97990497
212	0.00575391	0.98565888
213	0.00428617	0.98994504
214	0.00313117	0.99307621
215	0.00224279	0.99531901
216	0.0015748	0.99689381
217	0.00108373	0.99797754
218	0.00073077	0.99870832
219	0.00048273	0.99919105
220	0.00031231	0.99950336
221	0.00019785	0.99970121
222	0.00012269	0.9998239
223	0.00007446	0.99989836
224	0.00004421	0.99994256
225	0.00002567	0.99996824
226	0.00001458	0.99998282
227	0.00000809	0.99999091
228	0.00000439	0.9999953
229	0.00000233	0.99999762
230	0.0000012	0.99999883
231	6.1e-7	0.99999943
232	3e-7	0.99999973
233	1.4e-7	0.99999988
234	7e-8	0.99999995
235	3e-8	0.99999998
236	1e-8	0.99999999
237	1e-8	1
238	0	1
...

280	0	1
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k	p(X=k)	p(x≤k)
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p = 0.7	n = 280
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Erwartungswert: $\mu = 196$

Standardabweichung: $\sigma = 7.668$

1σ-Intervall: $p(189 \leq X \leq 203) = 0.67200673$
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2σ-Intervall: $p(181 \leq X \leq 211) = 0.95702071$
--

3σ-Intervall: $p(173 \leq X \leq 219) = 0.99785455$
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p = 0.7	n = 290
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k	p(X=k)	p(x≤k)
---	--------	--------

0	0	0
---	---	---

...
156	0	0
157	0	1e-8
158	1e-8	2e-8
159	2e-8	4e-8
160	3e-8	7e-8
161	6e-8	1.4e-7
162	1.2e-7	2.6e-7
163	2.2e-7	4.8e-7
164	4e-7	8.8e-7
165	7.1e-7	0.00000159
166	0.00000125	0.00000284
167	0.00000217	0.00000501
168	0.0000037	0.00000871
169	0.00000624	0.00001495
170	0.00001036	0.00002532
171	0.00001697	0.00004229
172	0.00002739	0.00006968
173	0.0000436	0.00011327
174	0.0000684	0.00018167
175	0.00010579	0.00028747
176	0.00016129	0.00044876
177	0.0002424	0.00069116
178	0.00035905	0.00105021
179	0.00052421	0.00157442
180	0.00075427	0.00232869
181	0.0010696	0.00339829
182	0.00149469	0.00489298
183	0.00205827	0.00695125
184	0.00279283	0.00974408
185	0.00373384	0.01347792
186	0.00491823	0.01839614
187	0.0063823	0.02477844
188	0.00815893	0.03293737
189	0.01027421	0.04321158
190	0.01274362	0.05595521
191	0.01556813	0.07152333
192	0.0187304	0.09025374
193	0.02219181	0.11244554
194	0.02589044	0.13833599
195	0.02974082	0.1680768
196	0.03363545	0.20171225
197	0.0374486	0.23916085
198	0.04104215	0.280203
199	0.04427328	0.32447628
200	0.04700346	0.37147975
201	0.0491081	0.42058784

202	0.05048572	0.47107356
203	0.05106601	0.52213957
204	0.05081569	0.57295526
205	0.04974154	0.6226968
206	0.04789031	0.67058711
207	0.04534542	0.71593253
208	0.04222065	0.75815318
209	0.03865176	0.79680495
210	0.03478659	0.83159153
211	0.03077486	0.8623664
212	0.02675865	0.88912504
213	0.0228642	0.91198924
214	0.01919595	0.93118519
215	0.01583294	0.94701813
216	0.01282761	0.95984574
217	0.01020692	0.97005266
218	0.00797513	0.97802779
219	0.00611791	0.9841457
220	0.00460697	0.98875267
221	0.00340485	0.99215752
222	0.00246928	0.99462681
223	0.00175692	0.99638372
224	0.00122618	0.99760991
225	0.00083925	0.99844916
226	0.00056322	0.99901238
227	0.00037052	0.99938289
228	0.00023888	0.99962178
229	0.00015091	0.99977269
230	0.00009339	0.99986608
231	0.0000566	0.99992268
232	0.00003359	0.99995627
233	0.00001951	0.99997577
234	0.00001109	0.99998686
235	0.00000617	0.99999303
236	0.00000335	0.99999638
237	0.00000178	0.99999816
238	9.3e-7	0.99999909
239	4.7e-7	0.99999956
240	2.3e-7	0.99999979
241	1.1e-7	0.9999999
242	5e-8	0.99999996
243	2e-8	0.99999998
244	1e-8	0.99999999
245	0	1
...
290	0	1
k	p(X=k)	p(x≤k)

p = 0.7	n = 290
Erwartungswert: $\mu = 203$	
Standardabweichung: $\sigma = 7.804$	
1 σ -Intervall: $p(196 \leq X \leq 210) = 0.66351473$	
2 σ -Intervall: $p(188 \leq X \leq 218) = 0.95324935$	
3 σ -Intervall: $p(180 \leq X \leq 226) = 0.99743796$	

p = 0.7		n = 300
k	p(X=k)	p(x≤k)
0	0	0
...
162	0	0
163	0	1e-8
164	1e-8	2e-8
165	1e-8	3e-8
166	3e-8	6e-8
167	5e-8	1.1e-7
168	1e-7	2.1e-7
169	1.8e-7	3.9e-7
170	3.2e-7	7.1e-7
171	5.7e-7	0.00000128
172	0.000001	0.00000228
173	0.00000172	0.000004
174	0.00000293	0.00000693
175	0.00000492	0.00001185
176	0.00000816	0.00002002
177	0.00001334	0.00003336
178	0.00002151	0.00005487
179	0.00003421	0.00008908
180	0.00005366	0.00014274
181	0.00008301	0.00022574
182	0.00012664	0.00035238
183	0.00019054	0.00054292
184	0.0002827	0.00082561
185	0.0004136	0.00123922
186	0.00059668	0.0018359
187	0.00084876	0.00268466
188	0.00119037	0.00387503
189	0.00164594	0.00552097
190	0.00224368	0.00776465
191	0.00301507	0.01077972
192	0.00399392	0.01477364
193	0.00521486	0.0199885

194	0.00671122	0.02669972
195	0.00851235	0.03521207
196	0.01064044	0.04585251
197	0.013107	0.05895951
198	0.01590934	0.07486885
199	0.01902725	0.0938961
200	0.02242044	0.11631655
201	0.02602705	0.1423436
202	0.02976361	0.1721072
203	0.03352682	0.20563403
204	0.03719724	0.24283127
205	0.04064479	0.28347606
206	0.0437359	0.32721196
207	0.04634174	0.3735537
208	0.04834691	0.42190062
209	0.04965776	0.47155837
210	0.05020951	0.52176788
211	0.04997155	0.57173943
212	0.04895012	0.62068954
213	0.04718822	0.66787776
214	0.04476266	0.71264042
215	0.04177848	0.7544189
216	0.03836141	0.79278031
217	0.03464902	0.82742933
218	0.03078147	0.8582108
219	0.02689279	0.88510359
220	0.02310335	0.90820694
221	0.01951414	0.92772108
222	0.01620318	0.94392426
223	0.01322412	0.95714839
224	0.01060685	0.96775523
225	0.00835977	0.976115
226	0.00647327	0.98258827
227	0.00492387	0.98751214
228	0.0036785	0.99119065
229	0.00269864	0.99388929
230	0.0019438	0.99583309
231	0.00137441	0.9972075
232	0.00095379	0.99816129
233	0.00064951	0.9988108
234	0.00043393	0.99924472
235	0.00028436	0.99952909
236	0.00018275	0.99971183
237	0.00011515	0.99982698
238	0.00007112	0.9998981
239	0.00004305	0.99994115
240	0.00002553	0.99996668

241	0.00001483	0.99998151
242	0.00000844	0.99998995
243	0.0000047	0.99999465
244	0.00000256	0.99999721
245	0.00000137	0.99999858
246	7.1e-7	0.99999929
247	3.6e-7	0.99999965
248	1.8e-7	0.99999983
249	9e-8	0.99999992
250	4e-8	0.99999996
251	2e-8	0.99999998
252	1e-8	0.99999999
253	0	1
...
300	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 300
Erwartungswert: $\mu = 210$		
Standardabweichung: $\sigma = 7.937$		
1σ-Intervall: $p(203 \leq X \leq 217) = 0.65532213$		
2σ-Intervall: $p(195 \leq X \leq 225) = 0.94941528$		
3σ-Intervall: $p(187 \leq X \leq 233) = 0.9969749$		

p = 0.7		n = 310
k	p(X=k)	p(x≤k)
0	0	0
...
168	0	0
169	0	1e-8
170	1e-8	1e-8
171	1e-8	3e-8
172	2e-8	5e-8
173	4e-8	9e-8
174	8e-8	1.7e-7
175	1.4e-7	3.2e-7
176	2.6e-7	5.7e-7
177	4.6e-7	0.00000103
178	7.9e-7	0.00000182
179	0.00000137	0.00000319
180	0.00000232	0.00000551
181	0.00000389	0.0000094
182	0.00000643	0.00001583
183	0.00001049	0.00002632

184	0.0000169	0.00004322
185	0.00002686	0.00007008
186	0.00004212	0.0001122
187	0.00006516	0.00017736
188	0.00009948	0.00027684
189	0.00014983	0.00042667
190	0.00022265	0.00064932
191	0.00032639	0.00097572
192	0.00047202	0.00144774
193	0.00067339	0.00212113
194	0.0009476	0.00306873
195	0.00131531	0.00438404
196	0.00180072	0.00618476
197	0.00243143	0.00861619
198	0.00323781	0.011854
199	0.004252	0.016106
200	0.00550634	0.02161234
201	0.00703131	0.02864365
202	0.00885296	0.03749661
203	0.01098988	0.04848648
204	0.01345003	0.06193651
205	0.01622751	0.07816402
206	0.01929971	0.09746374
207	0.02262511	0.12008884
208	0.02614215	0.14623099
209	0.02976953	0.17600052
210	0.03340803	0.20940855
211	0.03694411	0.24635265
212	0.04025513	0.28660779
213	0.043216	0.32982379
214	0.04570664	0.37553042
215	0.04761994	0.42315036
216	0.04886923	0.47201959
217	0.0493947	0.5214143
218	0.04916812	0.57058242
219	0.04819524	0.61877766
220	0.04651571	0.66529336
221	0.04420045	0.70949381
222	0.04134666	0.75084047
223	0.03807107	0.78891154
224	0.0345019	0.82341344
225	0.03077059	0.85418403
226	0.02700369	0.88118772
227	0.02331596	0.90450368
228	0.01980493	0.92430861
229	0.01654735	0.94085596
230	0.01359761	0.95445356

231	0.01098796	0.96544153
232	0.00873038	0.97417191
233	0.00681944	0.98099134
234	0.00523601	0.98622735
235	0.00395114	0.99017849
236	0.00292987	0.99310837
237	0.00213456	0.99524293
238	0.00152768	0.99677061
239	0.00107385	0.99784446
240	0.00074125	0.99858571
241	0.00050237	0.99908808
242	0.00033422	0.9994223
243	0.00021823	0.99964053
244	0.00013982	0.99978036
245	0.00008789	0.99986824
246	0.00005419	0.99992243
247	0.00003276	0.99995519
248	0.00001942	0.99997461
249	0.00001128	0.99998589
250	0.00000642	0.99999231
251	0.00000358	0.9999959
252	0.00000196	0.99999785
253	0.00000105	0.9999989
254	5.5e-7	0.99999945
255	2.8e-7	0.99999973
256	1.4e-7	0.99999987
257	7e-8	0.99999994
258	3e-8	0.99999997
259	2e-8	0.99999999
260	1e-8	0.99999999
261	0	1
...
310	0	1

k	p(X=k)	p(x≤k)
p = 0.7		n = 310
Erwartungswert: $\mu = 217$		
Standardabweichung: $\sigma = 8.068$		
1σ-Intervall: $p(209 \leq X \leq 225) = 0.70795304$		
2σ-Intervall: $p(201 \leq X \leq 233) = 0.959379$		
3σ-Intervall: $p(193 \leq X \leq 241) = 0.99764034$		

p = 0.7		n = 320
k	p(X=k)	p(x≤k)
0	0	0

...
174	0	0
175	0	1e-8
176	1e-8	1e-8
177	1e-8	2e-8
178	2e-8	4e-8
179	4e-8	8e-8
180	6e-8	1.4e-7
181	1.2e-7	2.6e-7
182	2.1e-7	4.6e-7
183	3.6e-7	8.3e-7
184	6.3e-7	0.00000146
185	0.00000108	0.00000254
186	0.00000184	0.00000438
187	0.00000307	0.00000745
188	0.00000507	0.00001251
189	0.00000826	0.00002077
190	0.00001328	0.00003406
191	0.0000211	0.00005515
192	0.00003307	0.00008823
193	0.00005118	0.00013941
194	0.00007818	0.00021759
195	0.00011787	0.00033547
196	0.00017541	0.00051088
197	0.00025762	0.0007685
198	0.00037342	0.00114192
199	0.00053417	0.00167609
200	0.00075407	0.00243016
201	0.00105045	0.00348061
202	0.00144393	0.00492454
203	0.00195844	0.00688298
204	0.00262085	0.00950383
205	0.00346038	0.01296421
206	0.00450745	0.01747166
207	0.00579218	0.02326384
208	0.00734233	0.03060617
209	0.00918084	0.03978702
210	0.01132304	0.05111006
211	0.01377368	0.06488374
212	0.01652409	0.08140783
213	0.01954962	0.10095745
214	0.02280789	0.12376534
215	0.02623792	0.15000326
216	0.0297606	0.17976387
217	0.03328067	0.21304454
218	0.03669016	0.2497347
219	0.03987333	0.28960803

220	0.04271279	0.33232082
221	0.04509646	0.37741728
222	0.0469247	0.42434198
223	0.0481171	0.47245908
224	0.04861832	0.5210774
225	0.04840224	0.56947964
226	0.04747417	0.61695382
227	0.04587079	0.66282461
228	0.04365772	0.70648233
229	0.04092514	0.74740748
230	0.03778162	0.78518909
231	0.03434693	0.81953602
232	0.03074445	0.85028047
233	0.02709382	0.87737429
234	0.02350447	0.90087875
235	0.02007048	0.92094923
236	0.01686714	0.93781637
237	0.0139492	0.95176557
238	0.01135082	0.96311639
239	0.00908699	0.97220337
240	0.007156	0.97935938
241	0.00554268	0.98490206
242	0.00422191	0.98912397
243	0.00316209	0.99228605
244	0.00232837	0.99461442
245	0.00168529	0.99629972
246	0.00119889	0.9974986
247	0.00083809	0.99833669
248	0.00057562	0.99891232
249	0.00038837	0.99930069
250	0.00025736	0.99955805
251	0.00016747	0.99972552
252	0.000107	0.99983252
253	0.0000671	0.99989962
254	0.0000413	0.99994092
255	0.00002494	0.99996586
256	0.00001478	0.99998064
257	0.00000859	0.99998923
258	0.00000489	0.99999412
259	0.00000273	0.99999685
260	0.0000015	0.99999835
261	8e-7	0.99999915
262	4.2e-7	0.99999957
263	2.2e-7	0.99999979
264	1.1e-7	0.9999999
265	5e-8	0.99999995
266	3e-8	0.99999998

267	1e-8	0.99999999
268	1e-8	1
269	0	1
...
320	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 320
Erwartungswert: $\mu = 224$		
Standardabweichung: $\sigma = 8.198$		
1σ-Intervall: $p(216 \leq X \leq 232) = 0.7002772$		
2σ-Intervall: $p(208 \leq X \leq 240) = 0.95609553$		
3σ-Intervall: $p(200 \leq X \leq 248) = 0.99723623$		

p = 0.7		n = 330
k	p(X=k)	p(x≤k)
0	0	0
...
181	0	0
182	0	1e-8
183	1e-8	2e-8
184	2e-8	3e-8
185	3e-8	6e-8
186	5e-8	1.1e-7
187	9e-8	2.1e-7
188	1.7e-7	3.7e-7
189	2.9e-7	6.6e-7
190	5e-7	0.00000117
191	8.6e-7	0.00000203
192	0.00000145	0.00000348
193	0.00000242	0.0000059
194	0.00000399	0.0000099
195	0.0000065	0.0000164
196	0.00001045	0.00002684
197	0.00001658	0.00004342
198	0.00002599	0.00006941
199	0.00004022	0.00010963
200	0.00006147	0.0001711
201	0.00009277	0.00026387
202	0.00013823	0.0004021
203	0.00020337	0.00060547
204	0.00029543	0.0009009
205	0.00042368	0.00132458
206	0.00059987	0.00192446

207	0.00083847	0.00276293
208	0.00115693	0.00391986
209	0.00157579	0.00549564
210	0.00211856	0.0076142
211	0.00281136	0.01042556
212	0.00368217	0.01410773
213	0.00475974	0.01886746
214	0.006072	0.02493946
215	0.00764413	0.03258359
216	0.00949618	0.04207977
217	0.01164048	0.05372025
218	0.01407893	0.06779918
219	0.01680042	0.0845996
220	0.01977868	0.10437828
221	0.02297072	0.127349
222	0.0263163	0.1536653
223	0.0297386	0.1834039
224	0.03314615	0.21655005
225	0.03643621	0.25298626
226	0.03949943	0.29248569
227	0.04222553	0.33471122
228	0.04450966	0.37922088
229	0.04625895	0.42547983
230	0.04739866	0.47287849
231	0.04787744	0.52075593
232	0.04767107	0.56842699
233	0.04678448	0.61521147
234	0.04525166	0.66046313
235	0.04313349	0.70359662
236	0.0405138	0.74411043
237	0.03749379	0.78160422
238	0.03418551	0.81578973
239	0.03070498	0.84649471
240	0.02716538	0.87366008
241	0.02367108	0.89733116
242	0.02031278	0.91764394
243	0.01716416	0.9348081
244	0.01428002	0.94908812
245	0.01169602	0.96078414
246	0.00942972	0.97021386
247	0.00748269	0.97769654
248	0.00584334	0.98353988
249	0.00449006	0.98802994
250	0.00339449	0.99142443
251	0.00252445	0.99394888
252	0.00184659	0.99579547
253	0.00132838	0.99712384

254	0.00093963	0.99806347
255	0.00065344	0.99871691
256	0.00044669	0.9991636
257	0.00030011	0.9994637
258	0.00019813	0.99966184
259	0.00012852	0.99979036
260	0.00008189	0.99987225
261	0.00005125	0.99992349
262	0.00003149	0.99995499
263	0.000019	0.99997398
264	0.00001125	0.99998523
265	0.00000654	0.99999177
266	0.00000373	0.9999955
267	0.00000208	0.99999758
268	0.00000114	0.99999873
269	6.2e-7	0.99999934
270	3.2e-7	0.99999967
271	1.7e-7	0.99999983
272	8e-8	0.99999992
273	4e-8	0.99999996
274	2e-8	0.99999998
275	1e-8	0.99999999
276	0	1
...
330	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 330
Erwartungswert: $\mu = 231$		
Standardabweichung: $\sigma = 8.325$		
1σ-Intervall: $p(223 \leq X \leq 239) = 0.69282941$		
2σ-Intervall: $p(215 \leq X \leq 247) = 0.95275708$		
3σ-Intervall: $p(207 \leq X \leq 255) = 0.99679245$		

p = 0.7		n = 340
k	p(X=k)	p(x≤k)
0	0	0
...
187	0	0
188	0	1e-8
189	1e-8	1e-8
190	1e-8	3e-8
191	2e-8	5e-8
192	4e-8	9e-8
193	8e-8	1.7e-7

194	1.3e-7	3e-7
195	2.3e-7	5.3e-7
196	4e-7	9.3e-7
197	6.8e-7	0.00000161
198	0.00000115	0.00000276
199	0.00000191	0.00000468
200	0.00000315	0.00000783
201	0.00000512	0.00001295
202	0.00000822	0.00002116
203	0.00001304	0.0000342
204	0.00002043	0.00005463
205	0.00003162	0.00008625
206	0.00004835	0.0001346
207	0.00007303	0.00020763
208	0.00010896	0.0003166
209	0.00016058	0.00047718
210	0.00023373	0.00071091
211	0.00033601	0.00104692
212	0.00047708	0.001524
213	0.00066895	0.00219295
214	0.00092632	0.00311927
215	0.00126669	0.00438596
216	0.00171042	0.00609639
217	0.00228056	0.00837695
218	0.00300239	0.01137935
219	0.00390266	0.015282
220	0.00500841	0.02029041
221	0.0063455	0.02663591
222	0.00793663	0.03457254
223	0.00979919	0.04437173
224	0.01194276	0.0563145
225	0.0143667	0.0706812
226	0.01705781	0.08773901
227	0.01998845	0.10772746
228	0.0231153	0.13084275
229	0.02637903	0.15722178
230	0.02970508	0.18692686
231	0.03300564	0.2199325
232	0.03618291	0.25611541
233	0.03913345	0.29524886
234	0.04175349	0.33700236
235	0.04394481	0.38094717
236	0.04562067	0.42656784
237	0.04671146	0.47327931
238	0.04716942	0.52044872
239	0.04697206	0.56742078
240	0.04612395	0.61354473

241	0.04465666	0.65820139
242	0.04262681	0.70082821
243	0.04011247	0.74094068
244	0.03720816	0.77814883
245	0.03401888	0.81216772
246	0.03065387	0.84282159
247	0.02722031	0.8700419
248	0.02381777	0.89385967
249	0.02053366	0.91439333
250	0.01743992	0.93183325
251	0.01459117	0.94642442
252	0.0120242	0.95844862
253	0.00975877	0.9682074
254	0.00779934	0.97600673
255	0.00613752	0.98214425
256	0.00475498	0.98689923
257	0.00362636	0.99052559
258	0.00272212	0.99324771
259	0.00201093	0.99525864
260	0.00146179	0.99672043
261	0.00104547	0.9977659
262	0.00073555	0.99850146
263	0.00050901	0.99901047
264	0.00034641	0.99935689
265	0.00023181	0.9995887
266	0.00015251	0.99974121
267	0.00009863	0.99983983
268	0.00006268	0.99990252
269	0.00003915	0.99994167
270	0.00002402	0.99996569
271	0.00001448	0.99998016
272	0.00000857	0.99998873
273	0.00000498	0.99999371
274	0.00000284	0.99999656
275	0.00000159	0.99999815
276	8.7e-7	0.99999902
277	4.7e-7	0.99999949
278	2.5e-7	0.99999974
279	1.3e-7	0.99999987
280	7e-8	0.99999994
281	3e-8	0.99999997
282	2e-8	0.99999999
283	1e-8	0.99999999
284	0	1
...
340	0	1
k	p(X=k)	p(x≤k)

p = 0.7	n = 340
Erwartungswert: $\mu = 238$	
Standardabweichung: $\sigma = 8.45$	
1 σ -Intervall: $p(230 \leq X \leq 246) = 0.68559981$	
2 σ -Intervall: $p(222 \leq X \leq 254) = 0.94937083$	
3 σ -Intervall: $p(213 \leq X \leq 263) = 0.99748647$	

p = 0.7		n = 350
k	p(X=k)	p(x≤k)
0	0	0
...
193	0	0
194	0	1e-8
195	1e-8	1e-8
196	1e-8	2e-8
197	2e-8	4e-8
198	3e-8	7e-8
199	6e-8	1.3e-7
200	1.1e-7	2.4e-7
201	1.8e-7	4.3e-7
202	3.2e-7	7.4e-7
203	5.4e-7	0.00000129
204	9.1e-7	0.0000022
205	0.00000151	0.00000371
206	0.00000248	0.00000619
207	0.00000403	0.00001022
208	0.00000647	0.00001669
209	0.00001025	0.00002694
210	0.00001606	0.00004301
211	0.00002487	0.00006788
212	0.00003805	0.00010593
213	0.00005752	0.00016344
214	0.00008592	0.00024936
215	0.00012681	0.00037617
216	0.00018493	0.00056111
217	0.00026646	0.00082757
218	0.00037932	0.0012069
219	0.00053348	0.00174038
220	0.00074121	0.00248159
221	0.00101735	0.00349894
222	0.00137938	0.00487833
223	0.00184742	0.00672575
224	0.00244399	0.00916974

225	0.00319348	0.01236322
226	0.00412138	0.01648459
227	0.00525309	0.02173769
228	0.00661244	0.02835013
229	0.00821984	0.03656997
230	0.01009015	0.04666011
231	0.01223048	0.05889059
232	0.01463792	0.07352851
233	0.01729745	0.09082597
234	0.02018036	0.11100633
235	0.0232432	0.13424953
236	0.02642765	0.16067717
237	0.02966141	0.19033858
238	0.03286019	0.22319877
239	0.03593081	0.25912958
240	0.03877533	0.29790491
241	0.04129599	0.3392009
242	0.04340061	0.38260151
243	0.04500804	0.42760955
244	0.04605331	0.47366286
245	0.04649191	0.52015477
246	0.04630292	0.56645769
247	0.04549059	0.61194828
248	0.04408429	0.65603257
249	0.04213679	0.69816937
250	0.03972095	0.73789032
251	0.03692519	0.7748155
252	0.03384809	0.80866359
253	0.03059261	0.8392562
254	0.02726034	0.86651654
255	0.02394634	0.89046288
256	0.02073479	0.91119767
257	0.01769584	0.9288935
258	0.01488371	0.94377721
259	0.01233604	0.95611325
260	0.01007444	0.96618769
261	0.00810587	0.97429356
262	0.00642488	0.98071844
263	0.00501613	0.98573457
264	0.0038571	0.98959167
265	0.00292072	0.99251239
266	0.00217773	0.99469012
267	0.00159863	0.99628876
268	0.00115523	0.99744399
269	0.00082169	0.99826568
270	0.00057518	0.99884086
271	0.00039619	0.99923705

272	0.0002685	0.99950554
273	0.000179	0.99968454
274	0.00011737	0.99980191
275	0.00007569	0.9998776
276	0.00004799	0.99992559
277	0.00002991	0.99995551
278	0.00001833	0.99997383
279	0.00001104	0.99998487
280	0.00000653	0.9999914
281	0.0000038	0.9999952
282	0.00000217	0.99999736
283	0.00000121	0.99999858
284	6.7e-7	0.99999925
285	3.6e-7	0.99999961
286	1.9e-7	0.9999998
287	1e-7	0.9999999
288	5e-8	0.99999995
289	3e-8	0.99999998
290	1e-8	0.99999999
291	1e-8	0.99999999
292	0	1
...
350	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 350
Erwartungswert: $\mu = 245$		
Standardabweichung: $\sigma = 8.573$		
1 σ -Intervall: $p(237 \leq X \leq 253) = 0.67857903$		
2 σ -Intervall: $p(228 \leq X \leq 262) = 0.95898075$		
3 σ -Intervall: $p(220 \leq X \leq 270) = 0.99710048$		

p = 0.7		n = 360
k	p(X=k)	p(x≤k)
0	0	0
...
199	0	0
200	0	1e-8
201	0	1e-8
202	1e-8	2e-8
203	2e-8	3e-8
204	3e-8	6e-8
205	5e-8	1.1e-7
206	8e-8	1.9e-7

207	1.5e-7	3.4e-7
208	2.5e-7	5.9e-7
209	4.3e-7	0.00000102
210	7.2e-7	0.00000174
211	0.00000119	0.00000294
212	0.00000196	0.0000049
213	0.00000318	0.00000808
214	0.00000509	0.00001317
215	0.00000807	0.00002124
216	0.00001264	0.00003387
217	0.00001957	0.00005344
218	0.00002995	0.00008339
219	0.00004531	0.0001287
220	0.00006776	0.00019647
221	0.00010016	0.00029663
222	0.00014633	0.00044296
223	0.0002113	0.00065426
224	0.00030154	0.0009558
225	0.00042528	0.00138108
226	0.00059276	0.00197385
227	0.00081646	0.00279031
228	0.0011113	0.0039016
229	0.00149467	0.00539627
230	0.00198639	0.00738266
231	0.00260839	0.00999106
232	0.00338417	0.01337522
233	0.00433793	0.01771315
234	0.00549348	0.02320663
235	0.00687269	0.03007932
236	0.00849379	0.03857311
237	0.01036935	0.04894246
238	0.01250422	0.06144667
239	0.01489345	0.07634012
240	0.01752048	0.0938606
241	0.02035575	0.11421635
242	0.02335584	0.13757219
243	0.02646354	0.16403574
244	0.0296088	0.19364454
245	0.03271068	0.22635522
246	0.03568034	0.26203556
247	0.03842499	0.30046055
248	0.04085237	0.34131292
249	0.04287585	0.38418877
250	0.04441938	0.42860815
251	0.04542221	0.47403036
252	0.04584278	0.51987314
253	0.04566159	0.56553473

254	0.04488258	0.61041731
255	0.04353317	0.65395048
256	0.04166261	0.69561309
257	0.03933901	0.7349521
258	0.03664525	0.77159735
259	0.03367402	0.80527137
260	0.03052247	0.83579385
261	0.02728701	0.86308086
262	0.0240584	0.88713926
263	0.02091769	0.90805695
264	0.01793323	0.92599018
265	0.01515865	0.94114883
266	0.01263221	0.95378104
267	0.01037702	0.96415806
268	0.00840229	0.97256035
269	0.00670517	0.97926552
270	0.00527308	0.9845386
271	0.00408615	0.98862475
272	0.0031197	0.99174445
273	0.00234644	0.99409089
274	0.00173842	0.99582931
275	0.00126852	0.99709783
276	0.00091156	0.99800938
277	0.000645	0.99865438
278	0.00044933	0.99910372
279	0.00030815	0.99941187
280	0.000208	0.99961986
281	0.00013817	0.99975804
282	0.00009032	0.99984835
283	0.00005808	0.99990644
284	0.00003675	0.99994318
285	0.00002286	0.99996605
286	0.00001399	0.99998004
287	0.00000842	0.99998846
288	0.00000498	0.99999343
289	0.00000289	0.99999633
290	0.00000165	0.99999798
291	9.3e-7	0.99999891
292	5.1e-7	0.99999942
293	2.8e-7	0.9999997
294	1.5e-7	0.99999985
295	8e-8	0.99999992
296	4e-8	0.99999996
297	2e-8	0.99999998
298	1e-8	0.99999999
299	0	1
...

360	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 360
Erwartungswert: $\mu = 252$		
Standardabweichung: $\sigma = 8.695$		
1 σ -Intervall: $p(244 \leq X \leq 260) = 0.67175811$		
2 σ -Intervall: $p(235 \leq X \leq 269) = 0.95605889$		
3 σ -Intervall: $p(226 \leq X \leq 278) = 0.99772264$		

p = 0.7		n = 370
k	p(X=k)	p(x≤k)
0	0	0
...
206	0	0
207	0	1e-8
208	1e-8	1e-8
209	1e-8	3e-8
210	2e-8	5e-8
211	4e-8	9e-8
212	7e-8	1.6e-7
213	1.2e-7	2.7e-7
214	2e-7	4.7e-7
215	3.4e-7	8.1e-7
216	5.7e-7	0.00000138
217	9.4e-7	0.00000233
218	0.00000155	0.00000388
219	0.0000025	0.00000638
220	0.00000401	0.00001039
221	0.00000635	0.00001674
222	0.00000995	0.00002669
223	0.0000154	0.00004209
224	0.00002358	0.00006567
225	0.00003571	0.00010138
226	0.00005346	0.00015484
227	0.00007913	0.00023397
228	0.0001158	0.00034977
229	0.00016755	0.00051731
230	0.00023966	0.00075697
231	0.00033892	0.00109589
232	0.0004738	0.00156969
233	0.00065478	0.00222447
234	0.0008945	0.00311897
235	0.00120789	0.00432686

236	0.00161222	0.00593908
237	0.00212695	0.00806603
238	0.00277338	0.01083941
239	0.00357406	0.01441347
240	0.00455197	0.01896544
241	0.00572931	0.02469475
242	0.00712612	0.03182087
243	0.00875858	0.04057945
244	0.01063713	0.05121658
245	0.01276456	0.06398114
246	0.01513413	0.07911527
247	0.01772797	0.09684323
248	0.02051583	0.11735906
249	0.02345451	0.14081357
250	0.02648796	0.16730154
251	0.02954832	0.19684986
252	0.03255788	0.22940774
253	0.03543189	0.26483963
254	0.03808231	0.30292193
255	0.040422	0.34334394
256	0.04236942	0.38571336
257	0.04385317	0.42956653
258	0.04481636	0.47438289
259	0.04522011	0.51960299
260	0.04504618	0.56464918
261	0.04429829	0.60894747
262	0.04300203	0.6519495
263	0.04120347	0.69315297
264	0.03896641	0.73211938
265	0.03636865	0.76848802
266	0.03349744	0.80198546
267	0.03044461	0.83243008
268	0.0273017	0.85973178
269	0.02415541	0.88388719
270	0.02108379	0.90497098
271	0.01815333	0.92312431
272	0.01541698	0.93854129
273	0.01291337	0.95145466
274	0.01066688	0.96212154
275	0.00868866	0.9708102
276	0.00697821	0.97778841
277	0.00552547	0.98331388
278	0.00431304	0.98762692
279	0.00331852	0.99094544
280	0.00251654	0.99346199
281	0.00188069	0.99534268
282	0.00138495	0.99672763

283	0.00100487	0.9977325
284	0.00071827	0.99845076
285	0.00050573	0.99895649
286	0.00035071	0.9993072
287	0.00023951	0.99954671
288	0.00016106	0.99970777
289	0.00010663	0.9998144
290	0.00006949	0.99988389
291	0.00004458	0.99992847
292	0.00002814	0.99995661
293	0.00001748	0.99997409
294	0.00001068	0.99998477
295	0.00000642	0.99999119
296	0.0000038	0.99999499
297	0.00000221	0.99999719
298	0.00000126	0.99999845
299	7.1e-7	0.99999916
300	3.9e-7	0.99999955
301	2.1e-7	0.99999977
302	1.1e-7	0.99999988
303	6e-8	0.99999994
304	3e-8	0.99999997
305	2e-8	0.99999999
306	1e-8	0.99999999
307	0	1
...
370	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 370
Erwartungswert: $\mu = 259$		
Standardabweichung: $\sigma = 8.815$		
1 σ -Intervall: $p(251 \leq X \leq 267) = 0.66512854$		
2 σ -Intervall: $p(242 \leq X \leq 276) = 0.95309366$		
3 σ -Intervall: $p(233 \leq X \leq 285) = 0.9973868$		

p = 0.7		n = 380
k	p(X=k)	p(x≤k)
0	0	0
...
212	0	0
213	0	1e-8
214	1e-8	1e-8
215	1e-8	2e-8

216	2e-8	4e-8
217	3e-8	7e-8
218	5e-8	1.2e-7
219	9e-8	2.2e-7
220	1.6e-7	3.8e-7
221	2.7e-7	6.5e-7
222	4.5e-7	0.0000011
223	7.5e-7	0.00000185
224	0.00000122	0.00000307
225	0.00000197	0.00000504
226	0.00000316	0.0000082
227	0.000005	0.0000132
228	0.00000783	0.00002103
229	0.00001213	0.00003316
230	0.00001858	0.00005174
231	0.00002815	0.00007989
232	0.00004218	0.00012207
233	0.00006252	0.00018459
234	0.00009164	0.00027623
235	0.00013285	0.00040908
236	0.00019045	0.00059953
237	0.00027001	0.00086954
238	0.00037854	0.00124808
239	0.00052479	0.00177287
240	0.00071939	0.00249226
241	0.00097511	0.00346738
242	0.00130687	0.00477424
243	0.00173173	0.00650598
244	0.00226876	0.00877473
245	0.00293858	0.01171332
246	0.00376282	0.01547614
247	0.00476319	0.02023933
248	0.00596039	0.02619972
249	0.00737269	0.03357241
250	0.00901434	0.04258675
251	0.01089383	0.05348058
252	0.01301207	0.06649265
253	0.01536076	0.08185341
254	0.01792089	0.0997743
255	0.02066173	0.12043603
256	0.02354038	0.14397641
257	0.02650201	0.17047843
258	0.02948092	0.19995935
259	0.03240245	0.2323618
260	0.03518574	0.26754754
261	0.03774716	0.3052947
262	0.0400043	0.345299

263	0.04188029	0.38717929
264	0.04330803	0.43048732
265	0.04423412	0.47472144
266	0.04462213	0.51934357
267	0.04445501	0.56379858
268	0.04373621	0.60753479
269	0.0424897	0.6500245
270	0.04075864	0.69078313
271	0.03860289	0.72938603
272	0.0360956	0.76548163
273	0.03331901	0.79880064
274	0.03036003	0.82916066
275	0.02730562	0.85646629
276	0.02423869	0.88070497
277	0.02123437	0.90193935
278	0.01835729	0.92029664
279	0.01565963	0.93595627
280	0.01318019	0.94913645
281	0.0109444	0.96008085
282	0.00896509	0.96904595
283	0.00724388	0.97628983
284	0.005773	0.98206283
285	0.00453737	0.9866002
286	0.00351673	0.99011693
287	0.00268758	0.99280451
288	0.00202502	0.99482953
289	0.00150417	0.9963337
290	0.00110133	0.99743502
291	0.00079477	0.9982298
292	0.00056523	0.99879503
293	0.00039611	0.99919114
294	0.00027351	0.99946465
295	0.00018605	0.99965069
296	0.00012466	0.99977535
297	0.00008227	0.99985762
298	0.00005346	0.99991108
299	0.00003421	0.99994529
300	0.00002155	0.99996685
301	0.00001337	0.99998021
302	0.00000816	0.99998837
303	0.0000049	0.99999327
304	0.0000029	0.99999617
305	0.00000168	0.99999785
306	9.6e-7	0.99999882
307	5.4e-7	0.99999936
308	3e-7	0.99999966
309	1.6e-7	0.99999982

310	9e-8	0.99999991
311	5e-8	0.99999995
312	2e-8	0.99999998
313	1e-8	0.99999999
314	1e-8	0.99999999
315	0	1
...
380	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 380
Erwartungswert: $\mu = 266$		
Standardabweichung: $\sigma = 8.933$		
1 σ -Intervall: $p(258 \leq X \leq 274) = 0.65868224$		
2 σ -Intervall: $p(249 \leq X \leq 283) = 0.95009011$		
3 σ -Intervall: $p(240 \leq X \leq 292) = 0.99702216$		

p = 0.7		n = 390
k	p(X=k)	p(x≤k)
0	0	0
...
218	0	0
219	0	1e-8
220	0	1e-8
221	1e-8	2e-8
222	1e-8	3e-8
223	2e-8	6e-8
224	4e-8	1e-7
225	7e-8	1.7e-7
226	1.3e-7	3e-7
227	2.1e-7	5.2e-7
228	3.6e-7	8.7e-7
229	5.9e-7	0.00000146
230	9.6e-7	0.00000243
231	0.00000156	0.00000398
232	0.00000249	0.00000647
233	0.00000394	0.00001041
234	0.00000617	0.00001658
235	0.00000955	0.00002613
236	0.00001464	0.00004077
237	0.0000222	0.00006297
238	0.00003329	0.00009626
239	0.00004941	0.00014567
240	0.00007253	0.0002182

241	0.00010533	0.00032353
242	0.00015133	0.00047486
243	0.00021506	0.00068991
244	0.00030231	0.00099222
245	0.00042036	0.00141258
246	0.00057813	0.00199072
247	0.00078645	0.00277716
248	0.00105811	0.00383528
249	0.00140798	0.00524326
250	0.0018529	0.00709616
251	0.00241148	0.00950765
252	0.00310367	0.01261131
253	0.00395012	0.01656144
254	0.00497135	0.02153279
255	0.00618657	0.02771935
256	0.00761238	0.03533173
257	0.00926123	0.04459296
258	0.0111398	0.05573277
259	0.01324733	0.0689801
260	0.01557411	0.08455421
261	0.01810018	0.10265439
262	0.02079448	0.12344887
263	0.02361452	0.14706338
264	0.0265067	0.17357008
265	0.02940743	0.20297751
266	0.03224499	0.2352225
267	0.03494214	0.27016464
268	0.03741938	0.30758402
269	0.0395987	0.34718271
270	0.04140753	0.38859024
271	0.04278268	0.43137293
272	0.04367399	0.47504692
273	0.04404727	0.51909419
274	0.04388652	0.5629807
275	0.04319497	0.60617567
276	0.04199511	0.64817079
277	0.04032743	0.68849822
278	0.0382482	0.72674642
279	0.03582627	0.76257269
280	0.0331393	0.795712
281	0.03026959	0.82598159
282	0.02729988	0.85328146
283	0.02430943	0.87759089
284	0.02137061	0.89896151
285	0.01854619	0.9175077
286	0.01588747	0.93339518
287	0.01343331	0.94682849

288	0.01120997	0.95803846
289	0.00923174	0.96727021
290	0.00750212	0.97477232
291	0.00601544	0.98078777
292	0.00475879	0.98554656
293	0.00371392	0.98926048
294	0.00285913	0.9921196
295	0.002171	0.9942906
296	0.0016258	0.9959164
297	0.00120065	0.99711705
298	0.0008743	0.99799135
299	0.0006277	0.99861905
300	0.00044427	0.99906332
301	0.00030996	0.99937328
302	0.00021314	0.99958642
303	0.00014444	0.99973086
304	0.00009645	0.99982731
305	0.00006346	0.99989077
306	0.00004113	0.99993189
307	0.00002626	0.99995815
308	0.00001651	0.99997466
309	0.00001022	0.99998489
310	0.00000623	0.99999112
311	0.00000374	0.99999486
312	0.00000221	0.99999707
313	0.00000129	0.99999836
314	7.4e-7	0.99999909
315	4.1e-7	0.99999951
316	2.3e-7	0.99999974
317	1.2e-7	0.99999986
318	7e-8	0.99999993
319	4e-8	0.99999996
320	2e-8	0.99999998
321	1e-8	0.99999999
322	0	1
...
390	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 390
Erwartungswert: $\mu = 273$		
Standardabweichung: $\sigma = 9.05$		
1σ-Intervall: $p(264 \leq X \leq 282) = 0.70621808$		
2σ-Intervall: $p(255 \leq X \leq 291) = 0.95925498$		
3σ-Intervall: $p(246 \leq X \leq 300) = 0.99765074$		

p = 0.7		n = 400
k	p(X=k)	p(x≤k)
0	0	0
...
225	0	0
226	0	1e-8
227	1e-8	1e-8
228	1e-8	3e-8
229	2e-8	5e-8
230	3e-8	8e-8
231	6e-8	1.4e-7
232	1e-7	2.4e-7
233	1.7e-7	4.1e-7
234	2.8e-7	6.9e-7
235	4.7e-7	0.00000116
236	7.6e-7	0.00000192
237	0.00000123	0.00000315
238	0.00000196	0.00000511
239	0.0000031	0.00000822
240	0.00000486	0.00001307
241	0.00000753	0.0000206
242	0.00001154	0.00003214
243	0.00001751	0.00004965
244	0.00002628	0.00007593
245	0.00003905	0.00011498
246	0.00005741	0.00017239
247	0.00008352	0.0002559
248	0.00012023	0.00037613
249	0.00017125	0.00054738
250	0.00024134	0.00078872
251	0.00033653	0.00112525
252	0.00046429	0.00158954
253	0.00063373	0.00222327
254	0.00085579	0.00307907
255	0.00114329	0.00422236
256	0.00151099	0.00573335
257	0.00197546	0.00770881
258	0.00255483	0.01026364
259	0.00326834	0.01353197
260	0.0041357	0.01766767
261	0.00517623	0.0228439
262	0.00640773	0.02925163
263	0.0078452	0.03709683
264	0.00949943	0.04659626
265	0.01137541	0.05797167
266	0.01347089	0.07144256
267	0.0157749	0.08721745

268	0.0182667	0.10548415
269	0.02091503	0.12639919
270	0.02367788	0.15007707
271	0.02650292	0.17657999
272	0.0293286	0.20590859
273	0.03208599	0.23799458
274	0.03470127	0.27269585
275	0.03709881	0.30979466
276	0.03920466	0.34899932
277	0.04095024	0.38994956
278	0.04227596	0.43222552
279	0.04313462	0.47536014
280	0.04349407	0.51885421
281	0.04333929	0.56219349
282	0.04267332	0.60486681
283	0.04151727	0.64638408
284	0.0399092	0.68629328
285	0.03790207	0.72419536
286	0.0355608	0.75975616
287	0.03295879	0.79271495
288	0.03017408	0.82288904
289	0.02728544	0.85017448
290	0.02436872	0.8745432
291	0.02149361	0.89603681
292	0.01872103	0.91475784
293	0.01610136	0.9308592
294	0.01367338	0.94453258
295	0.01146401	0.95599659
296	0.00948879	0.96548538
297	0.00775291	0.97323828
298	0.00625262	0.97949091
299	0.004977	0.98446791
300	0.00390971	0.98837763
301	0.00303079	0.99140841
302	0.00231825	0.99372666
303	0.00174953	0.99547619
304	0.00130255	0.99677874
305	0.00095663	0.99773537
306	0.00069298	0.99842835
307	0.0004951	0.99892345
308	0.00034882	0.99927227
309	0.00024233	0.99951459
310	0.00016598	0.99968058
311	0.00011208	0.99979265
312	0.0000746	0.99986725
313	0.00004894	0.99991619
314	0.00003164	0.99994783

315	0.00002015	0.99996798
316	0.00001265	0.99998063
317	0.00000782	0.99998845
318	0.00000476	0.99999322
319	0.00000286	0.99999607
320	0.00000169	0.99999776
321	9.8e-7	0.99999874
322	5.6e-7	0.99999931
323	3.2e-7	0.99999962
324	1.8e-7	0.9999998
325	1e-7	0.99999989
326	5e-8	0.99999994
327	3e-8	0.99999997
328	1e-8	0.99999999
329	1e-8	0.99999999
330	0	1
...
400	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 400
Erwartungswert: $\mu = 280$		
Standardabweichung: $\sigma = 9.165$		
1 σ -Intervall: $p(271 \leq X \leq 289) = 0.70009741$		
2 σ -Intervall: $p(262 \leq X \leq 298) = 0.956647$		
3 σ -Intervall: $p(253 \leq X \leq 307) = 0.99733391$		

p = 0.7		n = 410
k	p(X=k)	p(x≤k)
0	0	0
...
231	0	0
232	0	1e-8
233	1e-8	1e-8
234	1e-8	2e-8
235	2e-8	4e-8
236	3e-8	6e-8
237	5e-8	1.1e-7
238	8e-8	1.9e-7
239	1.3e-7	3.3e-7
240	2.2e-7	5.5e-7
241	3.7e-7	9.2e-7
242	6e-7	0.00000152
243	9.7e-7	0.00000249

244	0.00000155	0.00000404
245	0.00000245	0.00000648
246	0.00000383	0.00001031
247	0.00000593	0.00001624
248	0.0000091	0.00002534
249	0.00001381	0.00003915
250	0.00002075	0.00005991
251	0.00003087	0.00009077
252	0.00004544	0.00013622
253	0.00006622	0.00020244
254	0.00009551	0.00029794
255	0.00013633	0.00043428
256	0.0001926	0.00062688
257	0.0002693	0.00089617
258	0.00037263	0.0012688
259	0.00051027	0.00177907
260	0.00069148	0.00247055
261	0.00092727	0.00339782
262	0.00123046	0.00462828
263	0.00161566	0.00624394
264	0.00209913	0.00834307
265	0.00269851	0.01104158
266	0.00343232	0.0144739
267	0.00431932	0.01879322
268	0.00537766	0.02417087
269	0.00662378	0.03079466
270	0.0080712	0.03886586
271	0.00972912	0.04859498
272	0.01160103	0.06019601
273	0.01368326	0.07387927
274	0.01596381	0.08984308
275	0.01842126	0.10826434
276	0.02102427	0.12928861
277	0.02373137	0.15301998
278	0.02649149	0.17951147
279	0.02924508	0.20875655
280	0.03192588	0.24068243
281	0.03446329	0.27514572
282	0.03678529	0.31193101
283	0.03882169	0.3507527
284	0.04050761	0.39126031
285	0.0417868	0.43304711
286	0.04261474	0.47566185
287	0.0429612	0.51862305
288	0.04281203	0.56143508
289	0.0421701	0.60360518
290	0.04105526	0.64466043

291	0.03950334	0.68416377
292	0.03756425	0.72172802
293	0.03529928	0.7570273
294	0.0327779	0.78980521
295	0.03007419	0.8198794
296	0.0272632	0.8471426
297	0.02441755	0.87156015
298	0.02160434	0.89316449
299	0.01888272	0.91204721
300	0.01630208	0.9283493
301	0.013901	0.9422503
302	0.01170691	0.95395721
303	0.00973644	0.96369366
304	0.00799627	0.97168993
305	0.00648441	0.97817433
306	0.00519176	0.98336609
307	0.0041038	0.9874699
308	0.00320221	0.99067211
309	0.00246643	0.99313854
310	0.00187502	0.99501355
311	0.00140676	0.99642032
312	0.00104155	0.99746186
313	0.00076092	0.99822278
314	0.00054847	0.99877125
315	0.00039003	0.99916128
316	0.00027359	0.99943487
317	0.0001893	0.99962417
318	0.00012918	0.99975335
319	0.00008693	0.99984028
320	0.00005768	0.99989796
321	0.00003773	0.99993569
322	0.00002434	0.99996003
323	0.00001547	0.9999755
324	0.00000969	0.99998519
325	0.00000598	0.99999118
326	0.00000364	0.99999482
327	0.00000218	0.999997
328	0.00000129	0.99999829
329	7.5e-7	0.99999904
330	4.3e-7	0.99999947
331	2.4e-7	0.99999971
332	1.3e-7	0.99999984
333	7e-8	0.99999992
334	4e-8	0.99999996
335	2e-8	0.99999998
336	1e-8	0.99999999
337	1e-8	0.99999999

338	0	1
...
410	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 410
Erwartungswert: $\mu = 287$		
Standardabweichung: $\sigma = 9.279$		
1 σ -Intervall: $p(278 \leq X \leq 296) = 0.69412262$		
2 σ -Intervall: $p(269 \leq X \leq 305) = 0.95400346$		
3 σ -Intervall: $p(260 \leq X \leq 314) = 0.99699218$		

p = 0.7		n = 420
k	p(X=k)	p(x≤k)
0	0	0
...
237	0	0
238	0	1e-8
239	0	1e-8
240	1e-8	2e-8
241	1e-8	3e-8
242	2e-8	5e-8
243	4e-8	9e-8
244	6e-8	1.5e-7
245	1.1e-7	2.6e-7
246	1.8e-7	4.4e-7
247	2.9e-7	7.3e-7
248	4.7e-7	0.0000012
249	7.6e-7	0.00000197
250	0.00000122	0.00000319
251	0.00000193	0.00000512
252	0.00000302	0.00000814
253	0.00000468	0.00001281
254	0.00000717	0.00001999
255	0.0000109	0.00003089
256	0.00001639	0.00004728
257	0.0000244	0.00007168
258	0.00003598	0.00010766
259	0.00005251	0.00016016
260	0.00007586	0.00023603
261	0.00010852	0.00034454
262	0.00015366	0.0004982
263	0.0002154	0.0007136
264	0.00029889	0.00101249

265	0.00041055	0.00142304
266	0.00055821	0.00198125
267	0.00075125	0.0027325
268	0.00100073	0.00373323
269	0.00131942	0.00505265
270	0.00172176	0.00677441
271	0.00222368	0.0089981
272	0.00284228	0.01184037
273	0.00359536	0.01543574
274	0.00450076	0.0199365
275	0.00557549	0.02551199
276	0.00683469	0.03234668
277	0.00829045	0.04063713
278	0.00995053	0.05058767
279	0.011817	0.06240467
280	0.01388498	0.07628965
281	0.01614149	0.09243114
282	0.01856462	0.11099576
283	0.021123	0.13211876
284	0.02377577	0.15589453
285	0.02647314	0.18236766
286	0.02915748	0.21152514
287	0.03176506	0.24329019
288	0.03422832	0.27751851
289	0.03647862	0.31399713
290	0.03844931	0.35244644
291	0.04007889	0.39252533
292	0.0413142	0.43383952
293	0.04211322	0.47595274
294	0.04244745	0.51840019
295	0.04230356	0.56070375
296	0.04168425	0.60238801
297	0.04060823	0.64299623
298	0.03910927	0.6821055
299	0.03723446	0.71933996
300	0.03504177	0.75438173
301	0.03259699	0.78697872
302	0.02997052	0.81694925
303	0.02723394	0.84418319
304	0.0244568	0.86863998
305	0.02170374	0.89034372
306	0.01903214	0.90937586
307	0.01649039	0.92586625
308	0.01411677	0.93998303
309	0.01193911	0.95192213
310	0.00997493	0.96189706
311	0.00823226	0.97012932

312	0.0067107	0.97684002
313	0.00540286	0.98224288
314	0.00429591	0.98653879
315	0.00337308	0.98991187
316	0.00261521	0.99252707
317	0.00200197	0.99452904
318	0.00151302	0.99604206
319	0.00112883	0.99717089
320	0.00083134	0.99800223
321	0.0006043	0.99860652
322	0.00043352	0.99904004
323	0.00030691	0.99934695
324	0.00021439	0.99956134
325	0.00014777	0.99970911
326	0.00010047	0.99980958
327	0.00006739	0.99987697
328	0.00004459	0.99992156
329	0.00002909	0.99995065
330	0.00001872	0.99996937
331	0.00001188	0.99998125
332	0.00000743	0.99998868
333	0.00000458	0.99999326
334	0.00000278	0.99999604
335	0.00000167	0.99999771
336	9.8e-7	0.99999869
337	5.7e-7	0.99999926
338	3.3e-7	0.99999959
339	1.9e-7	0.99999978
340	1e-7	0.99999988
341	6e-8	0.99999994
342	3e-8	0.99999997
343	2e-8	0.99999998
344	1e-8	0.99999999
345	0	1
...
420	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 420
Erwartungswert: $\mu = 294$		
Standardabweichung: $\sigma = 9.391$		
1 σ -Intervall: $p(285 \leq X \leq 303) = 0.68828866$		
2 σ -Intervall: $p(276 \leq X \leq 312) = 0.95132803$		
3 σ -Intervall: $p(266 \leq X \leq 322) = 0.997617$		

p = 0.7		n = 430
k	p(X=k)	p(x≤k)
0	0	0
...
244	0	0
245	0	1e-8
246	1e-8	1e-8
247	1e-8	2e-8
248	2e-8	4e-8
249	3e-8	7e-8
250	5e-8	1.2e-7
251	8e-8	2.1e-7
252	1.4e-7	3.5e-7
253	2.3e-7	5.8e-7
254	3.7e-7	9.5e-7
255	6e-7	0.00000156
256	9.6e-7	0.00000252
257	0.00000152	0.00000404
258	0.00000238	0.00000642
259	0.00000369	0.00001011
260	0.00000566	0.00001577
261	0.0000086	0.00002437
262	0.00001295	0.00003732
263	0.0000193	0.00005662
264	0.00002848	0.0000851
265	0.00004163	0.00012673
266	0.00006026	0.00018699
267	0.00008636	0.00027335
268	0.00012256	0.0003959
269	0.00017222	0.00056812
270	0.00023962	0.00080774
271	0.0003301	0.00113784
272	0.00045025	0.00158809
273	0.00060803	0.00219612
274	0.00081292	0.00300904
275	0.00107602	0.00408506
276	0.00141	0.00549506
277	0.00182909	0.00732415
278	0.00234887	0.00967302
279	0.0029859	0.01265892
280	0.00375726	0.01641618
281	0.00467986	0.02109604
282	0.00576961	0.02686565
283	0.00704042	0.03390607
284	0.00850304	0.04240911
285	0.01016387	0.05257299
286	0.0120237	0.06459668

287	0.01407652	0.07867321
288	0.01630856	0.09498177
289	0.01869748	0.11367925
290	0.02121197	0.13489122
291	0.02381183	0.15870304
292	0.02644853	0.18515157
293	0.0290663	0.21421787
294	0.03160383	0.2458217
295	0.03399644	0.27981814
296	0.03617864	0.31599678
297	0.03808706	0.35408384
298	0.03966337	0.39374721
299	0.04085725	0.43460445
300	0.04162899	0.47623345
301	0.0419517	0.51818515
302	0.04181279	0.55999794
303	0.0412148	0.60121274
304	0.0401754	0.64138814
305	0.03872645	0.68011459
306	0.03691246	0.71702705
307	0.03478829	0.75181534
308	0.03241636	0.78423171
309	0.02986362	0.81409533
310	0.02719837	0.8412937
311	0.02448728	0.86578098
312	0.02179263	0.88757361
313	0.01917009	0.9067437
314	0.01666699	0.92341069
315	0.01432126	0.93773196
316	0.01216099	0.94989295
317	0.01020449	0.96009744
318	0.00846096	0.96855839
319	0.00693144	0.97548983
320	0.00561014	0.98109997
321	0.00448578	0.98558574
322	0.00354311	0.98912886
323	0.00276429	0.99189315
324	0.00213009	0.99402324
325	0.00162106	0.9956443
326	0.00121828	0.99686257
327	0.00090408	0.99776666
328	0.00066244	0.9984291
329	0.00047921	0.99890832
330	0.00034223	0.99925054
331	0.00024125	0.99949179
332	0.00016786	0.99965965
333	0.00011526	0.99977491

334	0.00007811	0.99985302
335	0.00005223	0.99990525
336	0.00003446	0.9999397
337	0.00002243	0.99996213
338	0.0000144	0.99997653
339	0.00000912	0.99998564
340	0.00000569	0.99999134
341	0.00000351	0.99999484
342	0.00000213	0.99999697
343	0.00000127	0.99999825
344	7.5e-7	0.999999
345	4.4e-7	0.99999944
346	2.5e-7	0.99999969
347	1.4e-7	0.99999983
348	8e-8	0.99999991
349	4e-8	0.99999995
350	2e-8	0.99999997
351	1e-8	0.99999999
352	1e-8	0.99999999
353	0	1
...
430	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 430
Erwartungswert: $\mu = 301$		
Standardabweichung: $\sigma = 9.503$		
1 σ -Intervall: $p(292 \leq X \leq 310) = 0.68259066$		
2 σ -Intervall: $p(282 \leq X \leq 320) = 0.96000393$		
3 σ -Intervall: $p(273 \leq X \leq 329) = 0.99732022$		

p = 0.7		n = 440
k	p(X=k)	p(x≤k)
0	0	0
...
250	0	0
251	0	1e-8
252	0	1e-8
253	1e-8	2e-8
254	1e-8	3e-8
255	2e-8	6e-8
256	4e-8	1e-7
257	7e-8	1.6e-7
258	1.1e-7	2.8e-7

259	1.8e-7	4.6e-7
260	3e-7	7.5e-7
261	4.8e-7	0.00000123
262	7.6e-7	0.00000199
263	0.0000012	0.00000319
264	0.00000188	0.00000507
265	0.00000291	0.00000798
266	0.00000447	0.00001244
267	0.00000679	0.00001923
268	0.00001023	0.00002946
269	0.00001526	0.00004472
270	0.00002255	0.00006728
271	0.00003301	0.00010029
272	0.00004786	0.00014814
273	0.00006872	0.00021686
274	0.00009773	0.00031459
275	0.00013765	0.00045223
276	0.00019201	0.00064424
277	0.00026525	0.00090949
278	0.00036289	0.00127238
279	0.00049166	0.00176404
280	0.00065964	0.00242368
281	0.00087639	0.00330007
282	0.00115298	0.00445306
283	0.001502	0.00595506
284	0.00193744	0.0078925
285	0.00247449	0.01036699
286	0.00312916	0.01349614
287	0.00391781	0.01741395
288	0.00485645	0.0222704
289	0.00595993	0.02823034
290	0.00724098	0.03547131
291	0.00870908	0.04418039
292	0.01036937	0.05454976
293	0.01222147	0.06677123
294	0.01425838	0.08102961
295	0.01646561	0.09749521
296	0.01882048	0.1163157
297	0.02129186	0.13760756
298	0.02384022	0.16144778
299	0.02641826	0.18786603
300	0.02897202	0.21683805
301	0.0314425	0.24828055
302	0.03376772	0.28204827
303	0.03588517	0.31793344
304	0.03773451	0.35566796
305	0.03926039	0.39492835

306	0.04041511	0.43534345
307	0.0411611	0.47650455
308	0.04147292	0.51797747
309	0.04133871	0.55931618
310	0.04076085	0.60007704
311	0.03975603	0.63983307
312	0.03835438	0.67818744
313	0.036598	0.71478544
314	0.03453888	0.74932432
315	0.03223628	0.7815606
316	0.02975395	0.81131456
317	0.02715713	0.83847169
318	0.02450974	0.86298143
319	0.0218718	0.88485323
320	0.01929731	0.90415054
321	0.01683255	0.92098309
322	0.01451502	0.93549811
323	0.01237297	0.94787108
324	0.01042537	0.95829645
325	0.00868246	0.96697892
326	0.00714661	0.97412552
327	0.00581345	0.97993897
328	0.00467321	0.98461218
329	0.00371205	0.98832424
330	0.0029134	0.99123764
331	0.00225913	0.99349677
332	0.00173064	0.99522741
333	0.00130967	0.99653708
334	0.00097899	0.99751607
335	0.00072279	0.99823886
336	0.00052704	0.9987659
337	0.00037951	0.99914541
338	0.00026985	0.99941526
339	0.00018945	0.99960471
340	0.00013132	0.99973602
341	0.00008985	0.99982588
342	0.00006069	0.99988657
343	0.00004046	0.99992703
344	0.00002662	0.99995365
345	0.00001728	0.99997093
346	0.00001107	0.99998201
347	0.000007	0.99998901
348	0.00000436	0.99999337
349	0.00000268	0.99999606
350	0.00000163	0.99999768
351	9.7e-7	0.99999866
352	5.7e-7	0.99999923

353	3.3e-7	0.99999957
354	1.9e-7	0.99999976
355	1.1e-7	0.99999987
356	6e-8	0.99999993
357	3e-8	0.99999996
358	2e-8	0.99999998
359	1e-8	0.99999999
360	1e-8	0.99999999
361	0	1
...
440	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 440
Erwartungswert: $\mu = 308$		
Standardabweichung: $\sigma = 9.612$		
1 σ -Intervall: $p(299 \leq X \leq 317) = 0.67702391$		
2 σ -Intervall: $p(289 \leq X \leq 327) = 0.95766857$		
3 σ -Intervall: $p(280 \leq X \leq 336) = 0.99700186$		

p = 0.7		n = 450
k	p(X=k)	p(x≤k)
0	0	0
...
257	0	0
258	0	1e-8
259	1e-8	2e-8
260	1e-8	3e-8
261	2e-8	5e-8
262	3e-8	8e-8
263	5e-8	1.3e-7
264	9e-8	2.2e-7
265	1.4e-7	3.6e-7
266	2.3e-7	6e-7
267	3.8e-7	9.7e-7
268	6e-7	0.00000157
269	9.5e-7	0.00000252
270	0.00000148	0.000004
271	0.0000023	0.0000063
272	0.00000352	0.00000982
273	0.00000536	0.00001518
274	0.00000808	0.00002327
275	0.00001207	0.00003534
276	0.00001786	0.0000532
277	0.00002618	0.00007937

278	0.00003801	0.00011738
279	0.00005467	0.00017205
280	0.00007791	0.00024996
281	0.00010998	0.00035994
282	0.00015379	0.00051372
283	0.00021302	0.00072674
284	0.00029227	0.00101901
285	0.00039722	0.00141623
286	0.00053472	0.00195095
287	0.00071296	0.00266391
288	0.00094153	0.00360544
289	0.00123148	0.00483692
290	0.00159527	0.00643219
291	0.00204662	0.00847881
292	0.00260033	0.01107914
293	0.00327186	0.014351
294	0.00407684	0.01842784
295	0.00503041	0.02345825
296	0.00614639	0.02960464
297	0.00743637	0.03704101
298	0.00890867	0.04594969
299	0.01056726	0.05651694
300	0.01241066	0.0689276
301	0.01443099	0.08335859
302	0.01661316	0.09997176
303	0.01893426	0.11890602
304	0.02136332	0.14026934
305	0.02386155	0.16413088
306	0.02638286	0.19051375
307	0.02887506	0.21938881
308	0.03128131	0.25067012
309	0.0335422	0.28421232
310	0.03559802	0.31981034
311	0.03739127	0.35720161
312	0.03886935	0.39607096
313	0.03998699	0.43605795
314	0.04070863	0.47676658
315	0.04101017	0.51777675
316	0.04088039	0.55865715
317	0.04032157	0.59897872
318	0.03934945	0.63832817
319	0.03799258	0.67632075
320	0.03629083	0.71261157
321	0.03429351	0.74690508
322	0.03205698	0.77896206
323	0.02964195	0.80860401
324	0.0271108	0.83571481

325	0.02452485	0.86023966
326	0.02194196	0.88218162
327	0.0194145	0.90159612
328	0.01698769	0.9185838
329	0.01469857	0.93328237
330	0.01257544	0.94585781
331	0.01063783	0.95649564
332	0.0088969	0.96539255
333	0.0073562	0.97274875
334	0.0060127	0.97876145
335	0.00485802	0.98361947
336	0.00387967	0.98749914
337	0.00306229	0.99056143
338	0.00238883	0.99295026
339	0.00184154	0.9947918
340	0.00140282	0.99619462
341	0.00105588	0.9972505
342	0.00078522	0.99803573
343	0.0005769	0.99861262
344	0.0004187	0.99903132
345	0.00030017	0.99933149
346	0.00021255	0.99954404
347	0.00014864	0.99969268
348	0.00010265	0.99979533
349	0.00007	0.99986534
350	0.00004714	0.99991247
351	0.00003133	0.99994381
352	0.00002056	0.99996437
353	0.00001332	0.99997769
354	0.00000852	0.99998621
355	0.00000537	0.99999158
356	0.00000335	0.99999493
357	0.00000206	0.99999698
358	0.00000125	0.99999823
359	7.5e-7	0.99999897
360	4.4e-7	0.99999941
361	2.6e-7	0.99999967
362	1.5e-7	0.99999982
363	8e-8	0.9999999
364	5e-8	0.99999995
365	3e-8	0.99999997
366	1e-8	0.99999998
367	1e-8	0.99999999
368	0	1
...
450	0	1
k	p(X=k)	p(x≤k)

p = 0.7	n = 450
Erwartungswert: $\mu = 315$	
Standardabweichung: $\sigma = 9.721$	
1 σ -Intervall: $p(306 \leq X \leq 324) = 0.67158393$	
2 σ -Intervall: $p(296 \leq X \leq 334) = 0.95530319$	
3 σ -Intervall: $p(286 \leq X \leq 344) = 0.99761509$	

p = 0.7		n = 460
k	p(X=k)	p(x≤k)
0	0	0
...
263	0	0
264	0	1e-8
265	1e-8	1e-8
266	1e-8	2e-8
267	2e-8	4e-8
268	3e-8	6e-8
269	4e-8	1e-7
270	7e-8	1.7e-7
271	1.1e-7	2.9e-7
272	1.9e-7	4.7e-7
273	3e-7	7.7e-7
274	4.7e-7	0.00000124
275	7.5e-7	0.00000199
276	0.00000117	0.00000316
277	0.00000181	0.00000497
278	0.00000278	0.00000775
279	0.00000424	0.00001199
280	0.00000639	0.00001838
281	0.00000955	0.00002793
282	0.00001414	0.00004207
283	0.00002076	0.00006283
284	0.00003018	0.00009301
285	0.00004349	0.0001365
286	0.0000621	0.0001986
287	0.00008784	0.00028644
288	0.00012312	0.00040956
289	0.00017098	0.00058054
290	0.00023524	0.00081578
291	0.00032066	0.00113645
292	0.00043304	0.00156949
293	0.00057936	0.00214885
294	0.00076788	0.00291674

295	0.00100823	0.00392496
296	0.00131138	0.00523634
297	0.00168963	0.00692597
298	0.00215645	0.00908242
299	0.00272622	0.01180864
300	0.00341383	0.01522247
301	0.00423421	0.01945668
302	0.00520163	0.02465831
303	0.00632893	0.03098724
304	0.00762664	0.03861388
305	0.00910196	0.04771583
306	0.01075776	0.05847359
307	0.0125916	0.0710652
308	0.01459481	0.08566001
309	0.01675176	0.10241176
310	0.01903936	0.12145113
311	0.02142694	0.14287806
312	0.02387638	0.16675444
313	0.02634285	0.19309729
314	0.02877578	0.22187307
315	0.03112048	0.25299355
316	0.03331992	0.28631347
317	0.03531701	0.32163048
318	0.03705695	0.35868743
319	0.03848966	0.39717709
320	0.03957218	0.43674928
321	0.04027076	0.47702004
322	0.04056258	0.51758261
323	0.040437	0.55801961
324	0.03989617	0.59791578
325	0.03895503	0.63687081
326	0.0376406	0.67451141
327	0.0359907	0.71050211
328	0.03405218	0.74455429
329	0.03187864	0.77643293
330	0.02952799	0.80596092
331	0.02705989	0.83302081
332	0.02453321	0.85755402
333	0.02200376	0.87955778
334	0.0195223	0.89908008
335	0.017133	0.91621309
336	0.0148724	0.93108549
337	0.01276879	0.94385427
338	0.01084213	0.95469641
339	0.00910441	0.96380082
340	0.00756023	0.97136105
341	0.00620781	0.97756886

342	0.00504007	0.98260892
343	0.00404577	0.98665469
344	0.00321074	0.98986543
345	0.00251896	0.99238439
346	0.00195353	0.99433792
347	0.00149752	0.99583543
348	0.00113461	0.99697004
349	0.0008496	0.99781965
350	0.00062871	0.99844836
351	0.00045974	0.9989081
352	0.00033218	0.99924027
353	0.00023714	0.99947741
354	0.00016725	0.99964466
355	0.00011652	0.99976118
356	0.00008019	0.99984137
357	0.00005451	0.99989588
358	0.00003659	0.99993247
359	0.00002426	0.99995673
360	0.00001588	0.99997261
361	0.00001026	0.99998288
362	0.00000655	0.99998943
363	0.00000413	0.99999355
364	0.00000257	0.99999612
365	0.00000157	0.99999769
366	9.5e-7	0.99999865
367	5.7e-7	0.99999922
368	3.4e-7	0.99999955
369	2e-7	0.99999975
370	1.1e-7	0.99999986
371	6e-8	0.99999992
372	4e-8	0.99999996
373	2e-8	0.99999998
374	1e-8	0.99999999
375	1e-8	0.99999999
376	0	1
...
460	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 460
Erwartungswert: $\mu = 322$		
Standardabweichung: $\sigma = 9.829$		
1 σ -Intervall: $p(313 \leq X \leq 331) = 0.66626636$		
2 σ -Intervall: $p(303 \leq X \leq 341) = 0.95291055$		
3 σ -Intervall: $p(293 \leq X \leq 351) = 0.9973386$		

p = 0.7		n = 470
k	p(X=k)	p(x≤k)
0	0	0
...
269	0	0
270	0	1e-8
271	0	1e-8
272	1e-8	2e-8
273	1e-8	3e-8
274	2e-8	5e-8
275	3e-8	8e-8
276	6e-8	1.4e-7
277	9e-8	2.3e-7
278	1.5e-7	3.7e-7
279	2.3e-7	6.1e-7
280	3.7e-7	9.8e-7
281	5.9e-7	0.00000157
282	9.2e-7	0.0000025
283	0.00000143	0.00000393
284	0.0000022	0.00000612
285	0.00000335	0.00000947
286	0.00000505	0.00001452
287	0.00000755	0.00002207
288	0.0000112	0.00003327
289	0.00001646	0.00004973
290	0.00002397	0.0000737
291	0.00003459	0.0001083
292	0.00004948	0.00015778
293	0.00007014	0.00022792
294	0.00009853	0.00032646
295	0.00013717	0.00046363
296	0.00018923	0.00065286
297	0.00025867	0.00091153
298	0.00035039	0.00126192
299	0.00047032	0.00173224
300	0.00062552	0.00235776
301	0.00082433	0.00318209
302	0.00107636	0.00425846
303	0.00139252	0.00565098
304	0.00178493	0.00743591
305	0.00226677	0.00970268
306	0.00285198	0.01255465
307	0.00355491	0.01610956
308	0.00438977	0.02049933
309	0.00537001	0.02586935
310	0.00650753	0.03237688
311	0.00781183	0.04018871

312	0.00928906	0.04947777
313	0.01094111	0.06041889
314	0.01276463	0.07318352
315	0.01475024	0.08793376
316	0.01688187	0.10481563
317	0.01913634	0.12395197
318	0.02148325	0.14543521
319	0.02388524	0.16932045
320	0.02629864	0.19561909
321	0.02867453	0.22429362
322	0.03096018	0.25525381
323	0.03310088	0.28835468
324	0.03504198	0.32339666
325	0.03673118	0.36012784
326	0.03812081	0.39824865
327	0.03917	0.43741865
328	0.03984672	0.47726537
329	0.04012932	0.51739469
330	0.04000772	0.55740241
331	0.03948395	0.59688636
332	0.03857217	0.63545853
333	0.03729802	0.67275655
334	0.0356974	0.70845395
335	0.03381485	0.74226881
336	0.03170143	0.77397023
337	0.0294124	0.80338263
338	0.02700488	0.83038751
339	0.0245354	0.85492291
340	0.02205781	0.87698072
341	0.01962132	0.89660204
342	0.01726905	0.91387109
343	0.015037	0.92890809
344	0.01295338	0.94186147
345	0.01103854	0.95290001
346	0.00930512	0.96220513
347	0.00775874	0.96996387
348	0.00639873	0.9763626
349	0.00521921	0.98158182
350	0.00421016	0.98579198
351	0.00335854	0.98915052
352	0.0026493	0.99179982
353	0.0020664	0.99386622
354	0.00159358	0.9954598
355	0.00121501	0.99667482
356	0.00091581	0.99759063
357	0.00068237	0.998273
358	0.00050256	0.99877556

359	0.00036584	0.9991414
360	0.0002632	0.9994046
361	0.00018713	0.99959173
362	0.00013148	0.99972321
363	0.00009127	0.99981448
364	0.0000626	0.99987709
365	0.00004242	0.99991951
366	0.0000284	0.99994791
367	0.00001878	0.99996668
368	0.00001226	0.99997894
369	0.00000791	0.99998685
370	0.00000504	0.99999189
371	0.00000317	0.99999506
372	0.00000197	0.99999703
373	0.00000121	0.99999823
374	7.3e-7	0.99999896
375	4.4e-7	0.9999994
376	2.6e-7	0.99999966
377	1.5e-7	0.99999981
378	9e-8	0.99999989
379	5e-8	0.99999994
380	3e-8	0.99999997
381	1e-8	0.99999998
382	1e-8	0.99999999
383	0	1
...
470	0	1
k	p(X=k)	p(x≤k)
	p = 0.7	n = 470
Erwartungswert: $\mu = 329$		
Standardabweichung: $\sigma = 9.935$		
1 σ -Intervall: $p(320 \leq X \leq 338) = 0.66106706$		
2 σ -Intervall: $p(310 \leq X \leq 348) = 0.95049326$		
3 σ -Intervall: $p(300 \leq X \leq 358) = 0.99704332$		

p = 0.7		n = 480
k	p(X=k)	p(x≤k)
0	0	0
...
276	0	0
277	0	1e-8
278	1e-8	1e-8
279	1e-8	2e-8

280	2e-8	4e-8
281	3e-8	7e-8
282	4e-8	1.1e-7
283	7e-8	1.8e-7
284	1.2e-7	3e-7
285	1.9e-7	4.8e-7
286	3e-7	7.8e-7
287	4.7e-7	0.00000124
288	7.3e-7	0.00000197
289	0.00000113	0.0000031
290	0.00000174	0.00000484
291	0.00000264	0.00000748
292	0.00000399	0.00001147
293	0.00000598	0.00001745
294	0.00000887	0.00002632
295	0.00001305	0.00003937
296	0.00001903	0.00005841
297	0.00002751	0.00008592
298	0.00003943	0.00012535
299	0.000056	0.00018135
300	0.00007883	0.00026018
301	0.00011	0.00037017
302	0.00015212	0.00052229
303	0.00020852	0.00073082
304	0.00028329	0.0010141
305	0.00038143	0.00139554
306	0.00050899	0.00190453
307	0.00067313	0.00257766
308	0.00088221	0.00345987
309	0.00114582	0.00460569
310	0.00147479	0.00608048
311	0.00188102	0.0079615
312	0.00237741	0.01033891
313	0.00297745	0.01331636
314	0.00369495	0.01701131
315	0.00454342	0.02155473
316	0.0055355	0.02709023
317	0.00668218	0.03377241
318	0.007992	0.0417644
319	0.00947014	0.05123454
320	0.01111755	0.06235209
321	0.01293007	0.07528215
322	0.01489769	0.09017984
323	0.01700396	0.1071838
324	0.01922567	0.12640948
325	0.02153275	0.14794223
326	0.02388859	0.17183082

327	0.02625066	0.19808148
328	0.0285716	0.22665308
329	0.03080059	0.25745368
330	0.03288508	0.29033875
331	0.03477274	0.32511149
332	0.03641362	0.36152512
333	0.03776228	0.39928739
334	0.03877982	0.43806722
335	0.0394358	0.47750302
336	0.03970966	0.51721267
337	0.03959183	0.5568045
338	0.03908424	0.59588874
339	0.03820033	0.63408907
340	0.03696443	0.6710535
341	0.0354107	0.7064642
342	0.03358149	0.74004569
343	0.03152548	0.77157118
344	0.02929548	0.80086666
345	0.02694618	0.82781284
346	0.02453193	0.85234477
347	0.02210466	0.87444943
348	0.0197121	0.89416153
349	0.01739636	0.91155789
350	0.01519282	0.92675071
351	0.0131296	0.9398803
352	0.0112273	0.9511076
353	0.0094992	0.9606068
354	0.00795178	0.96855859
355	0.00658542	0.97514401
356	0.00539536	0.98053936
357	0.00437271	0.98491207
358	0.0035055	0.98841757
359	0.00277966	0.99119723
360	0.00217997	0.9933772
361	0.00169084	0.99506804
362	0.00129693	0.99636497
363	0.00098372	0.99734869
364	0.00073779	0.99808647
365	0.00054711	0.99863358
366	0.00040111	0.99903469
367	0.00029072	0.99932542
368	0.0002083	0.99953372
369	0.00014752	0.99968124
370	0.00010327	0.9997845
371	0.00007144	0.99985595
372	0.00004884	0.99990479
373	0.000033	0.99993779

374	0.00002203	0.99995982
375	0.00001453	0.99997435
376	0.00000947	0.99998381
377	0.00000609	0.99998991
378	0.00000387	0.99999378
379	0.00000243	0.99999621
380	0.00000151	0.99999772
381	9.2e-7	0.99999865
382	5.6e-7	0.99999921
383	3.3e-7	0.99999954
384	2e-7	0.99999974
385	1.1e-7	0.99999985
386	7e-8	0.99999992
387	4e-8	0.99999995
388	2e-8	0.99999998
389	1e-8	0.99999999
390	1e-8	0.99999999
391	0	1
...
480	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 480
Erwartungswert: $\mu = 336$		
Standardabweichung: $\sigma = 10.04$		
1σ-Intervall: $p(326 \leq X \leq 346) = 0.70440254$		
2σ-Intervall: $p(316 \leq X \leq 356) = 0.95898463$		
3σ-Intervall: $p(306 \leq X \leq 366) = 0.99763915$		

p = 0.7		n = 490
k	p(X=k)	p(x≤k)
0	0	0
...
282	0	0
283	0	1e-8
284	0	1e-8
285	1e-8	2e-8
286	1e-8	3e-8
287	2e-8	5e-8
288	3e-8	9e-8
289	6e-8	1.4e-7
290	9e-8	2.3e-7
291	1.5e-7	3.8e-7
292	2.3e-7	6.2e-7

293	3.7e-7	9.8e-7
294	5.8e-7	0.00000156
295	8.9e-7	0.00000245
296	0.00000137	0.00000382
297	0.00000209	0.00000591
298	0.00000316	0.00000907
299	0.00000473	0.0000138
300	0.00000703	0.00002083
301	0.00001035	0.00003118
302	0.00001511	0.00004629
303	0.00002188	0.00006817
304	0.00003141	0.00009958
305	0.00004469	0.00014427
306	0.00006305	0.00020732
307	0.00008817	0.00029548
308	0.00012223	0.00041772
309	0.00016799	0.0005857
310	0.00022886	0.00081456
311	0.00030907	0.00112363
312	0.00041374	0.00153738
313	0.00054902	0.00208639
314	0.00072211	0.00280851
315	0.00094142	0.00374993
316	0.0012165	0.00496643
317	0.00155804	0.00652447
318	0.00197776	0.00850224
319	0.00248822	0.01099046
320	0.0031025	0.01409296
321	0.00383383	0.01792679
322	0.00469505	0.02262184
323	0.00569802	0.02831986
324	0.00685287	0.03517273
325	0.00816721	0.04333994
326	0.00964533	0.05298527
327	0.01128729	0.06427256
328	0.01308821	0.07736077
329	0.01503752	0.09239829
330	0.01711847	0.10951676
331	0.01930784	0.1288246
332	0.02157593	0.15040053
333	0.02388687	0.17428739
334	0.02619927	0.20048666
335	0.02846726	0.22895392
336	0.03064185	0.25959577
337	0.03267251	0.29226828
338	0.03450913	0.32677741
339	0.03610395	0.36288136

340	0.0374136	0.40029497
341	0.03840106	0.43869603
342	0.03903733	0.47773336
343	0.03930289	0.51703625
344	0.03918864	0.55622489
345	0.03869642	0.59492131
346	0.03783898	0.63276029
347	0.03663947	0.66939977
348	0.03513038	0.70453014
349	0.03335205	0.73788219
350	0.03135093	0.76923312
351	0.0291775	0.79841062
352	0.02688419	0.82529481
353	0.02452326	0.84981807
354	0.02214483	0.8719629
355	0.01979519	0.89175808
356	0.0175154	0.90927349
357	0.01534029	0.92461377
358	0.01329777	0.93791155
359	0.01140867	0.94932022
360	0.00968681	0.95900703
361	0.00813942	0.96714646
362	0.00676786	0.97391432
363	0.00556842	0.97948274
364	0.00453326	0.984016
365	0.00365145	0.98766745
366	0.00290985	0.9905773
367	0.00229405	0.99287136
368	0.00178911	0.99466047
369	0.00138022	0.99604069
370	0.00105319	0.99709388
371	0.00079486	0.99788874
372	0.0005933	0.99848204
373	0.00043795	0.99891999
374	0.00031968	0.99923967
375	0.00023074	0.99947041
376	0.00016467	0.99963507
377	0.00011618	0.99975126
378	0.00008104	0.9998323
379	0.00005588	0.99988818
380	0.00003809	0.99992627
381	0.00002566	0.99995193
382	0.00001708	0.99996901
383	0.00001124	0.99998025
384	0.00000731	0.99998756
385	0.00000469	0.99999225
386	0.00000298	0.99999523

387	0.00000187	0.9999971
388	0.00000116	0.99999826
389	7.1e-7	0.99999896
390	4.3e-7	0.99999939
391	2.6e-7	0.99999965
392	1.5e-7	0.9999998
393	9e-8	0.99999989
394	5e-8	0.99999994
395	3e-8	0.99999996
396	2e-8	0.99999998
397	1e-8	0.99999999
398	0	0.99999999
399	0	1
...
490	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 490
Erwartungswert: $\mu = 343$		
Standardabweichung: $\sigma = 10.144$		
1σ-Intervall: $p(333 \leq X \leq 353) = 0.69941754$		
2σ-Intervall: $p(323 \leq X \leq 363) = 0.9568609$		
3σ-Intervall: $p(313 \leq X \leq 373) = 0.99738261$		

p = 0.7		n = 500
k	p(X=k)	p(x≤k)
0	0	0
...
288	0	0
289	0	1e-8
290	0	1e-8
291	1e-8	1e-8
292	1e-8	2e-8
293	2e-8	4e-8
294	3e-8	7e-8
295	4e-8	1.1e-7
296	7e-8	1.9e-7
297	1.2e-7	3e-7
298	1.8e-7	4.9e-7
299	2.9e-7	7.8e-7
300	4.5e-7	0.00000123
301	7e-7	0.00000194
302	0.00000108	0.00000302
303	0.00000165	0.00000467

304	0.0000025	0.00000717
305	0.00000374	0.00001091
306	0.00000557	0.00001648
307	0.00000821	0.00002469
308	0.000012	0.00003669
309	0.0000174	0.00005409
310	0.00002502	0.00007911
311	0.00003566	0.00011477
312	0.00005041	0.00016517
313	0.00007064	0.00023582
314	0.00009817	0.00033398
315	0.00013525	0.00046923
316	0.00018476	0.00065399
317	0.00025023	0.00090422
318	0.000336	0.00124021
319	0.00044729	0.00168751
320	0.00059034	0.00227784
321	0.0007724	0.00305025
322	0.00100188	0.00405213
323	0.00128828	0.00534041
324	0.00164216	0.00698258
325	0.00207502	0.0090576
326	0.00259908	0.01165668
327	0.00322699	0.01488367
328	0.00397143	0.0188551
329	0.00484458	0.02369968
330	0.00585754	0.02955723
331	0.00701961	0.03657684
332	0.00833755	0.04491439
333	0.00981477	0.05472916
334	0.01145057	0.06617973
335	0.01323936	0.0794191
336	0.01517011	0.0945892
337	0.0172258	0.111815
338	0.01938327	0.13119827
339	0.0216132	0.15281147
340	0.02388047	0.17669194
341	0.0261448	0.20283674
342	0.02836175	0.23119849
343	0.03048406	0.26168255
344	0.03246316	0.29414571
345	0.03425099	0.3283967
346	0.03580185	0.36419855
347	0.03707435	0.4012729
348	0.03803317	0.43930606
349	0.03865071	0.47795677
350	0.03890838	0.51686515

351	0.03879753	0.55566267
352	0.03831991	0.59398258
353	0.03748765	0.63147023
354	0.03632278	0.66779301
355	0.03485623	0.70264924
356	0.03312647	0.73577571
357	0.03117785	0.76695357
358	0.02905869	0.79601226
359	0.02681925	0.82283151
360	0.02450982	0.84734133
361	0.02217878	0.86952011
362	0.01987105	0.88939116
363	0.01762666	0.90701782
364	0.01547982	0.92249764
365	0.01345826	0.9359559
366	0.01158293	0.94753882
367	0.00986811	0.95740693
368	0.00832174	0.96572867
369	0.00694606	0.97267473
370	0.00573832	0.97841306
371	0.00469171	0.98310477
372	0.00379625	0.98690102
373	0.00303971	0.98994073
374	0.00240847	0.99234921
375	0.00188824	0.99423745
376	0.00146473	0.99570218
377	0.00112412	0.9968263
378	0.0008535	0.9976798
379	0.00064106	0.99832086
380	0.0004763	0.99879716
381	0.00035004	0.9991472
382	0.00025443	0.99940163
383	0.00018291	0.99958454
384	0.00013004	0.99971458
385	0.00009142	0.999806
386	0.00006355	0.99986955
387	0.00004368	0.99991323
388	0.00002968	0.99994291
389	0.00001994	0.99996286
390	0.00001324	0.9999761
391	0.00000869	0.99998479
392	0.00000564	0.99999043
393	0.00000362	0.99999405
394	0.00000229	0.99999634
395	0.00000144	0.99999778
396	8.9e-7	0.99999866
397	5.4e-7	0.99999921

398	3.3e-7	0.99999954
399	2e-7	0.99999973
400	1.2e-7	0.99999985
401	7e-8	0.99999991
402	4e-8	0.99999995
403	2e-8	0.99999997
404	1e-8	0.99999999
405	1e-8	0.99999999
406	0	1
...
500	0	1
k	p(X=k)	p(x≤k)
p = 0.7		n = 500
Erwartungswert: $\mu = 350$		
Standardabweichung: $\sigma = 10.247$		
1σ -Intervall: $p(340 \leq X \leq 360) = 0.69452986$		
2σ -Intervall: $p(330 \leq X \leq 370) = 0.95471337$		
3σ -Intervall: $p(320 \leq X \leq 380) = 0.99710965$		

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