

Mathematik > Wahrscheinlichkeitstafeln > Binomialverteilung

Wahrscheinlichkeitstafel: Binomialverteilung B(100, 0.6) bis B(500, 0.6) (Schrittweite 10)

100- bis 500-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit $p = 0.6$, 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 = 0.6		n = 100
k	p(X=k)	p(x≤k)
0	0	0
...
31	0	0
32	1e-8	1e-8
33	3e-8	4e-8
34	9e-8	1.4e-7
35	2.6e-7	3.9e-7
36	6.9e-7	0.00000109
37	0.0000018	0.00000289
38	0.00000448	0.00000736
39	0.00001068	0.00001804
40	0.00002442	0.00004247
41	0.00005362	0.00009608
42	0.00011298	0.00020906
43	0.00022858	0.00043764
44	0.00044417	0.00088181
45	0.00082912	0.00171093
46	0.00148701	0.00319793
47	0.00256271	0.00576065
48	0.0042445	0.01000514
49	0.00675654	0.01676169
50	0.01033751	0.0270992
51	0.01520222	0.04230142
52	0.02148776	0.06378918
53	0.02919091	0.09298009
54	0.03811036	0.13109045
55	0.04781118	0.17890163
56	0.05762955	0.23653118
57	0.06672895	0.30326013
58	0.07420719	0.37746732
59	0.07923819	0.45670551
60	0.08121914	0.53792466
61	0.07988768	0.61781234
62	0.0753779	0.69319024
63	0.06819905	0.76138929
64	0.05914136	0.82053065
65	0.04913282	0.86966347
66	0.03908293	0.9087464

67	0.02974969	0.93849609
68	0.02165603	0.96015212
69	0.01506506	0.97521718
70	0.0100075	0.98522468
71	0.00634278	0.99156747
72	0.0038321	0.99539957
73	0.00220477	0.99760434
74	0.00120666	0.998811
75	0.00062747	0.99943846
76	0.0003096	0.99974807
77	0.00014475	0.99989282
78	0.00006402	0.99995684
79	0.00002674	0.99998359
80	0.00001053	0.99999412
81	0.0000039	0.99999802
82	0.00000136	0.99999937
83	4.4e-7	0.99999982
84	1.3e-7	0.99999995
85	4e-8	0.99999999
86	1e-8	1
87	0	1
...
100	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 100
Erwartungswert: $\mu = 60$		
Standardabweichung: $\sigma = 4.899$		
1σ-Intervall: $p(56 \leq X \leq 64) = 0.64162901$		
2σ-Intervall: $p(51 \leq X \leq 69) = 0.94811798$		
3σ-Intervall: $p(46 \leq X \leq 74) = 0.99710007$		

p = 0.6		n = 110
k	p(X=k)	p(x≤k)
0	0	0
...
35	0	0
36	0	1e-8
37	1e-8	2e-8
38	4e-8	6e-8
39	1.1e-7	1.8e-7
40	3e-7	4.8e-7
41	7.8e-7	0.00000125
42	0.00000191	0.00000316

43	0.00000453	0.0000077
44	0.00001035	0.00001805
45	0.00002278	0.00004083
46	0.00004828	0.0000891
47	0.00009861	0.00018771
48	0.00019413	0.00038184
49	0.00036845	0.00075029
50	0.00067426	0.00142455
51	0.00118988	0.00261443
52	0.00202508	0.00463951
53	0.00332419	0.0079637
54	0.0052633	0.01322699
55	0.00803849	0.02126549
56	0.01184242	0.0331079
57	0.0168287	0.04993661
58	0.02306693	0.07300353
59	0.03049526	0.10349879
60	0.03888146	0.14238025
61	0.04780507	0.19018532
62	0.05667214	0.24685745
63	0.06476816	0.31162561
64	0.07134617	0.38297178
65	0.07573671	0.45870849
66	0.077458	0.53616648
67	0.07630191	0.61246839
68	0.0723746	0.68484299
69	0.06608116	0.75092415
70	0.05805702	0.80898117
71	0.04906227	0.85804343
72	0.03986309	0.89790653
73	0.03112598	0.9290325
74	0.02334448	0.95237699
75	0.01680803	0.96918501
76	0.01161081	0.98079582
77	0.00769028	0.9884861
78	0.00488037	0.99336647
79	0.00296529	0.99633175
80	0.00172357	0.99805532
81	0.00095754	0.99901286
82	0.00050796	0.99952083
83	0.00025704	0.99977787
84	0.00012393	0.9999018
85	0.00005686	0.99995866
86	0.00002479	0.99998346
87	0.00001026	0.99999372
88	0.00000402	0.99999774
89	0.00000149	0.99999923

90	5.2e-7	0.99999975
91	1.7e-7	0.99999993
92	5e-8	0.99999998
93	2e-8	0.99999999
94	0	1
...
110	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 110
Erwartungswert: $\mu = 66$		
Standardabweichung: $\sigma = 5.138$		
1 σ -Intervall: $p(61 \leq X \leq 71) = 0.71566319$		
2 σ -Intervall: $p(56 \leq X \leq 76) = 0.95953034$		
3 σ -Intervall: $p(51 \leq X \leq 81) = 0.99758831$		

p = 0.6		n = 120
k	p(X=k)	p(x≤k)
0	0	0
...
40	0	0
41	1e-8	1e-8
42	2e-8	3e-8
43	5e-8	8e-8
44	1.3e-7	2.1e-7
45	3.3e-7	5.5e-7
46	8.2e-7	0.00000136
47	0.00000193	0.00000329
48	0.00000441	0.0000077
49	0.00000971	0.00001741
50	0.00002069	0.0000381
51	0.00004259	0.00008069
52	0.00008477	0.00016546
53	0.00016314	0.00032859
54	0.00030362	0.00063221
55	0.00054651	0.00117873
56	0.00095152	0.00213025
57	0.00160256	0.0037328
58	0.00261107	0.00634387
59	0.00411575	0.01045962
60	0.00627652	0.01673614
61	0.00926043	0.02599657
62	0.01321852	0.03921509
63	0.01825415	0.05746924

64	0.0243864	0.08185564
65	0.03151474	0.11337038
66	0.03939342	0.1527638
67	0.04762488	0.20038868
68	0.05567909	0.25606777
69	0.06294158	0.31900935
70	0.06878615	0.38779551
71	0.07266143	0.46045694
72	0.07417521	0.53463215
73	0.07315911	0.60779126
74	0.06969888	0.67749014
75	0.06412297	0.74161312
76	0.05695132	0.79856444
77	0.04881542	0.84737986
78	0.0403666	0.88774646
79	0.03219108	0.91993755
80	0.0247469	0.94468444
81	0.01833103	0.96301548
82	0.01307763	0.97609311
83	0.00898102	0.98507413
84	0.00593389	0.99100802
85	0.00376977	0.99477778
86	0.00230131	0.99707909
87	0.00134904	0.99842814
88	0.00075884	0.99918697
89	0.00040926	0.99959623
90	0.00021145	0.99980768
91	0.00010456	0.99991225
92	0.00004944	0.99996169
93	0.00002233	0.99998402
94	0.00000962	0.99999364
95	0.00000395	0.99999759
96	0.00000154	0.99999913
97	5.7e-7	0.9999997
98	2e-7	0.9999999
99	7e-8	0.99999997
100	2e-8	0.99999999
101	1e-8	1
102	0	1
...
120	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 120
Erwartungswert: $\mu = 72$		
Standardabweichung: $\sigma = 5.367$		
1σ-Intervall: $p(67 \leq X \leq 77) = 0.69461606$		

2 σ -Intervall:
 $p(62 \leq X \leq 82) = 0.95009654$

3 σ -Intervall:
 $p(56 \leq X \leq 88) = 0.99800825$

p = 0.6		n = 130
k	p(X=k)	p(x≤k)
0	0	0
...
45	0	0
46	1e-8	1e-8
47	2e-8	4e-8
48	6e-8	9e-8
49	1.4e-7	2.4e-7
50	3.5e-7	5.9e-7
51	8.3e-7	0.00000141
52	0.00000188	0.0000033
53	0.00000415	0.00000745
54	0.00000889	0.00001634
55	0.00001842	0.00003475
56	0.000037	0.00007175
57	0.00007205	0.0001438
58	0.00013602	0.00027982
59	0.00024899	0.00052882
60	0.00044196	0.00097078
61	0.00076076	0.00173154
62	0.00126998	0.00300152
63	0.00205615	0.00505767
64	0.0032288	0.00828648
65	0.00491772	0.01320419
66	0.00726481	0.020469
67	0.01040927	0.03087827
68	0.01446583	0.0453441
69	0.01949742	0.06484153
70	0.02548592	0.09032744
71	0.03230609	0.12263354
72	0.03970957	0.16234311
73	0.04732511	0.20966822
74	0.05467968	0.2643479
75	0.06124125	0.32558915
76	0.06647898	0.39206813
77	0.06993244	0.46200057
78	0.07127729	0.53327786
79	0.07037505	0.60365291
80	0.06729614	0.67094905
81	0.06231124	0.73326029
82	0.05585215	0.78911244

83	0.04845006	0.8375625
84	0.04066344	0.87822594
85	0.03300915	0.91123509
86	0.02590834	0.93714343
87	0.0196546	0.95679803
88	0.01440593	0.97120396
89	0.01019746	0.98140142
90	0.00696826	0.98836968
91	0.00459446	0.99296414
92	0.00292148	0.99588562
93	0.00179058	0.9976762
94	0.00105721	0.99873341
95	0.00060094	0.99933434
96	0.00032864	0.99966298
97	0.00017279	0.99983577
98	0.00008728	0.99992305
99	0.00004232	0.99996536
100	0.00001968	0.99998504
101	0.00000877	0.99999381
102	0.00000374	0.99999755
103	0.00000152	0.99999907
104	5.9e-7	0.99999966
105	2.2e-7	0.99999988
106	8e-8	0.99999996
107	3e-8	0.99999999
108	1e-8	1
109	0	1
...
130	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 130
Erwartungswert: $\mu = 78$		
Standardabweichung: $\sigma = 5.586$		
1 σ -Intervall: $p(73 \leq X \leq 83) = 0.67521939$		
2 σ -Intervall: $p(67 \leq X \leq 89) = 0.96093242$		
3 σ -Intervall: $p(62 \leq X \leq 94) = 0.99700186$		

p = 0.6		n = 140
k	p(X=k)	p(x≤k)
0	0	0
...
49	0	0
50	0	1e-8

51	1e-8	2e-8
52	3e-8	4e-8
53	6e-8	1e-7
54	1.5e-7	2.5e-7
55	3.5e-7	6.1e-7
56	8.1e-7	0.00000141
57	0.00000178	0.0000032
58	0.00000382	0.00000702
59	0.00000797	0.00001499
60	0.00001615	0.00003114
61	0.00003176	0.0000629
62	0.00006071	0.00012361
63	0.00011275	0.00023636
64	0.00020347	0.00043983
65	0.00035686	0.0007967
66	0.00060829	0.00140498
67	0.00100776	0.00241274
68	0.00162278	0.00403552
69	0.00254001	0.00657553
70	0.00386444	0.01043997
71	0.00571502	0.01615499
72	0.00821534	0.02437033
73	0.01147897	0.0358493
74	0.01558968	0.05143899
75	0.02057838	0.07201737
76	0.0263999	0.09841727
77	0.03291416	0.13133143
78	0.03987677	0.1712082
79	0.04694354	0.21815173
80	0.05369167	0.27184341
81	0.05965741	0.33150082
82	0.06438635	0.39588717
83	0.06748931	0.46337648
84	0.06869448	0.53207096
85	0.06788631	0.59995727
86	0.06512349	0.66508076
87	0.06063222	0.72571298
88	0.0547757	0.78048868
89	0.04800567	0.82849434
90	0.04080482	0.86929916
91	0.03363034	0.9029295
92	0.02686772	0.92979722
93	0.02080082	0.95059804
94	0.01560061	0.96619865
95	0.01133097	0.97752962
96	0.00796709	0.98549671
97	0.00542091	0.99091761

98	0.00356784	0.99448545
99	0.00227044	0.9967559
100	0.00139632	0.99815222
101	0.0008295	0.99898172
102	0.00047574	0.99945746
103	0.00026327	0.99972074
104	0.0001405	0.99986123
105	0.00007226	0.99993349
106	0.00003579	0.99996928
107	0.00001706	0.99998633
108	0.00000782	0.99999415
109	0.00000344	0.9999976
110	0.00000146	0.99999905
111	5.9e-7	0.99999964
112	2.3e-7	0.99999987
113	9e-8	0.99999995
114	3e-8	0.99999998
115	1e-8	1
116	0	1
...
140	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 140
Erwartungswert: $\mu = 84$		
Standardabweichung: $\sigma = 5.797$		
1 σ -Intervall: $p(79 \leq X \leq 89) = 0.65728615$		
2 σ -Intervall: $p(73 \leq X \leq 95) = 0.95315928$		
3 σ -Intervall: $p(67 \leq X \leq 101) = 0.99757674$		

p = 0.6		n = 150
k	p(X=k)	p(x≤k)
0	0	0
...
54	0	0
55	0	1e-8
56	1e-8	2e-8
57	3e-8	4e-8
58	7e-8	1.1e-7
59	1.5e-7	2.6e-7
60	3.5e-7	6.1e-7
61	7.7e-7	0.00000137
62	0.00000165	0.00000302
63	0.00000346	0.00000648

64	0.00000705	0.00001353
65	0.00001399	0.00002751
66	0.00002702	0.00005453
67	0.00005081	0.00010534
68	0.00009303	0.00019837
69	0.00016583	0.0003642
70	0.00028784	0.00065204
71	0.00048649	0.00113853
72	0.00080067	0.0019392
73	0.00128327	0.00322247
74	0.00200295	0.00522542
75	0.00304448	0.0082699
76	0.00450663	0.01277653
77	0.00649657	0.0192731
78	0.00912019	0.02839329
79	0.01246811	0.0408614
80	0.01659816	0.05745956
81	0.02151614	0.0789757
82	0.02715757	0.10613327
83	0.03337436	0.13950763
84	0.03993004	0.17943766
85	0.04650675	0.22594441
86	0.05272567	0.27867009
87	0.05818005	0.33685014
88	0.06247744	0.39932759
89	0.06528542	0.46461301
90	0.06637351	0.53098652
91	0.06564413	0.59663065
92	0.0631468	0.65977745
93	0.05907281	0.71885026
94	0.05373112	0.77258138
95	0.04750962	0.82009101
96	0.04082858	0.86091959
97	0.03409397	0.89501356
98	0.02765786	0.92267143
99	0.02179104	0.94446247
100	0.01667015	0.96113262
101	0.01237882	0.97351144
102	0.00892003	0.98243148
103	0.00623536	0.98866684
104	0.00422686	0.9928937
105	0.00277765	0.99567135
106	0.00176879	0.99744013
107	0.00109103	0.99853116
108	0.00065159	0.99918275
109	0.0003766	0.99955935
110	0.00021056	0.99976991

111	0.00011381	0.99988372
112	0.00005945	0.99994317
113	0.00002999	0.99997316
114	0.0000146	0.99998775
115	0.00000686	0.99999461
116	0.0000031	0.99999771
117	0.00000135	0.99999906
118	5.7e-7	0.99999963
119	2.3e-7	0.99999986
120	9e-8	0.99999995
121	3e-8	0.99999998
122	1e-8	0.99999999
123	0	1
...
150	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 150
Erwartungswert: $\mu = 90$		
Standardabweichung: $\sigma = 6$		
1σ-Intervall: $p(84 \leq X \leq 96) = 0.72141196$		
2σ-Intervall: $p(78 \leq X \leq 102) = 0.96315837$		
3σ-Intervall: $p(72 \leq X \leq 108) = 0.99804422$		

p = 0.6		n = 160
k	p(X=k)	p(x≤k)
0	0	0
...
59	0	0
60	0	1e-8
61	1e-8	2e-8
62	3e-8	5e-8
63	7e-8	1.1e-7
64	1.5e-7	2.6e-7
65	3.3e-7	5.9e-7
66	7.1e-7	0.0000013
67	0.0000015	0.0000028
68	0.00000308	0.00000588
69	0.00000615	0.00001203
70	0.000012	0.00002403
71	0.00002281	0.00004684
72	0.0000423	0.00008914
73	0.00007649	0.00016563
74	0.00013488	0.00030051

75	0.000232	0.00053251
76	0.00038921	0.00092172
77	0.00063689	0.0015586
78	0.00101657	0.00257517
79	0.00158276	0.00415792
80	0.00240381	0.00656173
81	0.0035612	0.01012293
82	0.00514637	0.0152693
83	0.00725452	0.02252382
84	0.00997496	0.03249878
85	0.01337819	0.04587697
86	0.01750053	0.06337751
87	0.02232827	0.08570577
88	0.02778347	0.11348925
89	0.03371477	0.14720402
90	0.03989582	0.18709983
91	0.04603363	0.23313347
92	0.05178784	0.2849213
93	0.05679956	0.34172087
94	0.06072719	0.40244806
95	0.06328413	0.46573219
96	0.06427294	0.53000513
97	0.06361033	0.59361546
98	0.06133854	0.654954
99	0.05762105	0.71257505
100	0.05272326	0.76529831
101	0.04698112	0.81227943
102	0.04076303	0.85304246
103	0.03443091	0.88747337
104	0.02830618	0.91577955
105	0.02264495	0.9384245
106	0.0176246	0.9560491
107	0.01334199	0.96939109
108	0.00982119	0.97921228
109	0.00702801	0.98624029
110	0.00488766	0.99112794
111	0.00330247	0.99443042
112	0.00216725	0.99659766
113	0.0013809	0.99797856
114	0.00085398	0.99883254
115	0.00051239	0.99934493
116	0.00029816	0.99964308
117	0.00016819	0.99981128
118	0.00009193	0.99990321
119	0.00004867	0.99995188
120	0.00002494	0.99997683
121	0.00001237	0.99998919

122	0.00000593	0.99999513
123	0.00000275	0.99999787
124	0.00000123	0.9999991
125	5.3e-7	0.99999964
126	2.2e-7	0.99999986
127	9e-8	0.99999995
128	3e-8	0.99999998
129	1e-8	0.99999999
130	0	1
...
160	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 160
Erwartungswert: $\mu = 96$		
Standardabweichung: $\sigma = 6.197$		
1 σ -Intervall: $p(90 \leq X \leq 102) = 0.70583844$		
2 σ -Intervall: $p(84 \leq X \leq 108) = 0.95668846$		
3 σ -Intervall: $p(78 \leq X \leq 114) = 0.99727394$		

p = 0.6		n = 170
k	p(X=k)	p(x≤k)
0	0	0
...
64	0	0
65	1e-8	1e-8
66	1e-8	2e-8
67	3e-8	5e-8
68	6e-8	1.1e-7
69	1.4e-7	2.6e-7
70	3.1e-7	5.6e-7
71	6.5e-7	0.00000122
72	0.00000134	0.00000256
73	0.00000271	0.00000526
74	0.00000532	0.00001058
75	0.00001021	0.00002079
76	0.00001915	0.00003994
77	0.00003506	0.000075
78	0.00006271	0.00013771
79	0.00010954	0.00024725
80	0.0001869	0.00043416
81	0.00031151	0.00074566
82	0.00050715	0.00125281
83	0.00080655	0.00205936

84	0.00125303	0.00331239
85	0.00190166	0.00521404
86	0.00281931	0.00803335
87	0.00408314	0.0121165
88	0.00577672	0.01789322
89	0.00798356	0.02587678
90	0.01077781	0.03665459
91	0.01421249	0.05086708
92	0.01830631	0.06917338
93	0.02303051	0.09220389
94	0.02829813	0.12050202
95	0.03395776	0.15445978
96	0.03979425	0.19425403
97	0.04553775	0.23979177
98	0.05088146	0.29067323
99	0.05550705	0.34618028
100	0.05911501	0.40529529
101	0.06145619	0.46675148
102	0.06235996	0.52911144
103	0.06175453	0.59086597
104	0.05967625	0.65054221
105	0.05626618	0.70680839
106	0.05175427	0.75856266
107	0.04643373	0.80499639
108	0.04062952	0.84562591
109	0.03466555	0.88029146
110	0.02883544	0.9091269
111	0.02338008	0.93250698
112	0.01847444	0.95098142
113	0.01422368	0.9652051
114	0.01066776	0.97587287
115	0.00779211	0.98366497
116	0.0055418	0.98920677
117	0.00383663	0.9930434
118	0.00258485	0.99562825
119	0.00169427	0.99732252
120	0.0010801	0.99840262
121	0.00066948	0.9990721
122	0.00040334	0.99947544
123	0.0002361	0.99971153
124	0.00013423	0.99984577
125	0.0000741	0.99991986
126	0.00003969	0.99995956
127	0.00002063	0.99998019
128	0.00001039	0.99999058
129	0.00000508	0.99999566
130	0.0000024	0.99999806

131	0.0000011	0.99999916
132	4.9e-7	0.99999965
133	2.1e-7	0.99999986
134	9e-8	0.99999994
135	3e-8	0.99999998
136	1e-8	0.99999999
137	0	1
...
170	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 170
Erwartungswert: $\mu = 102$		
Standardabweichung: $\sigma = 6.387$		
1 σ -Intervall: $p(96 \leq X \leq 108) = 0.69116613$		
2 σ -Intervall: $p(90 \leq X \leq 114) = 0.94999609$		
3 σ -Intervall: $p(83 \leq X \leq 121) = 0.99781929$		

p = 0.6		n = 180
k	p(X=k)	p(x≤k)
0	0	0
...
69	0	0
70	1e-8	1e-8
71	1e-8	2e-8
72	3e-8	5e-8
73	6e-8	1.1e-7
74	1.3e-7	2.4e-7
75	2.8e-7	5.3e-7
76	5.9e-7	0.00000111
77	0.00000119	0.0000023
78	0.00000235	0.00000466
79	0.00000456	0.00000922
80	0.00000864	0.00001785
81	0.00001599	0.00003385
82	0.00002896	0.00006281
83	0.0000513	0.00011411
84	0.00008885	0.00020296
85	0.00015053	0.0003535
86	0.00024943	0.00060292
87	0.00040424	0.00100716
88	0.00064081	0.00164798
89	0.00099362	0.0026416
90	0.00150699	0.00414859

91	0.00223565	0.00638424
92	0.00324412	0.00962837
93	0.00460456	0.01423293
94	0.0063925	0.02062544
95	0.00868035	0.02930578
96	0.01152859	0.04083437
97	0.01497528	0.05580965
98	0.01902472	0.07483437
99	0.02363677	0.09847114
100	0.02871867	0.12718981
101	0.0341212	0.16131101
102	0.0396408	0.20095181
103	0.04502887	0.24598069
104	0.05000803	0.29598871
105	0.05429443	0.35028314
106	0.05762381	0.40790695
107	0.05977797	0.46768491
108	0.06060822	0.52829313
109	0.06005218	0.58834531
110	0.05814143	0.64648673
111	0.05499865	0.70148538
112	0.05082464	0.75231002
113	0.04587711	0.79818713
114	0.04044429	0.83863143
115	0.03481726	0.87344869
116	0.02926451	0.9027132
117	0.02401191	0.9267251
118	0.01922987	0.94595498
119	0.01502839	0.96098336
120	0.01145915	0.97244251
121	0.00852333	0.98096584
122	0.00618291	0.98714875
123	0.00437328	0.99152203
124	0.00301544	0.99453747
125	0.00202638	0.99656385
126	0.0013268	0.99789065
127	0.00084622	0.99873687
128	0.00052558	0.99926246
129	0.0003178	0.99958025
130	0.00018701	0.99976726
131	0.00010707	0.99987433
132	0.00005962	0.99993395
133	0.00003227	0.99996622
134	0.00001698	0.9999832
135	0.00000868	0.99999188
136	0.00000431	0.99999618
137	0.00000208	0.99999826

138	9.7e-7	0.99999923
139	4.4e-7	0.99999967
140	1.9e-7	0.99999986
141	8e-8	0.99999994
142	3e-8	0.99999998
143	1e-8	0.99999999
144	1e-8	1
145	0	1
...
180	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 180
Erwartungswert: $\mu = 108$		
Standardabweichung: $\sigma = 6.573$		
1σ-Intervall: $p(102 \leq X \leq 114) = 0.67732042$		
2σ-Intervall: $p(95 \leq X \leq 121) = 0.96034041$		
3σ-Intervall: $p(89 \leq X \leq 127) = 0.99708889$		

p = 0.6		n = 190
k	p(X=k)	p(x≤k)
0	0	0
...
74	0	0
75	1e-8	1e-8
76	1e-8	2e-8
77	3e-8	5e-8
78	6e-8	1.1e-7
79	1.2e-7	2.3e-7
80	2.6e-7	4.9e-7
81	5.2e-7	0.00000101
82	0.00000104	0.00000205
83	0.00000203	0.00000408
84	0.00000388	0.00000797
85	0.00000727	0.00001523
86	0.00001331	0.00002854
87	0.00002386	0.0000524
88	0.00004189	0.00009428
89	0.00007201	0.00016629
90	0.00012122	0.00028751
91	0.00019981	0.00048732
92	0.00032252	0.00080983
93	0.00050978	0.00131962
94	0.00078908	0.00210869

95	0.00119608	0.00330477
96	0.00177543	0.0050802
97	0.00258077	0.00766097
98	0.00367365	0.01133462
99	0.00512085	0.01645547
100	0.00698996	0.02344543
101	0.00934301	0.03278845
102	0.01222836	0.0450168
103	0.01567129	0.0606881
104	0.01966446	0.08035256
105	0.02415919	0.10451175
106	0.02905941	0.13357116
107	0.03421949	0.16779065
108	0.03944747	0.20723811
109	0.04451411	0.25175222
110	0.04916786	0.30092009
111	0.05315444	0.35407453
112	0.0562393	0.41031383
113	0.05823007	0.4685439
114	0.05899626	0.52754016
115	0.05848325	0.58602341
116	0.05671867	0.64274207
117	0.05381002	0.69655209
118	0.04993387	0.74648596
119	0.04531813	0.79180409
120	0.04021984	0.83202394
121	0.03490152	0.86692546
122	0.02960907	0.89653453
123	0.02455387	0.9210884
124	0.01990051	0.94098891
125	0.01576121	0.95675012
126	0.01219617	0.96894629
127	0.00921915	0.97816544
128	0.00680633	0.98497177
129	0.00490689	0.98987866
130	0.00345369	0.99333235
131	0.00237277	0.99570512
132	0.00159083	0.99729595
133	0.00104062	0.99833657
134	0.00066398	0.99900055
135	0.00041314	0.99941369
136	0.00025062	0.99966431
137	0.00014818	0.99981249
138	0.00008536	0.99989785
139	0.0000479	0.99994575
140	0.00002617	0.99997192
141	0.00001392	0.99998585

142	0.00000721	0.99999305
143	0.00000363	0.99999668
144	0.00000178	0.99999846
145	8.5e-7	0.9999993
146	3.9e-7	0.99999969
147	1.8e-7	0.99999987
148	8e-8	0.99999995
149	3e-8	0.99999998
150	1e-8	0.99999999
151	1e-8	1
152	0	1
...
190	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 190
Erwartungswert: $\mu = 114$		
Standardabweichung: $\sigma = 6.753$		
1σ-Intervall: $p(108 \leq X \leq 120) = 0.66423329$		
2σ-Intervall: $p(101 \leq X \leq 127) = 0.95472001$		
3σ-Intervall: $p(94 \leq X \leq 134) = 0.99768093$		

p = 0.6		n = 200
k	p(X=k)	p(x≤k)
0	0	0
...
79	0	0
80	1e-8	1e-8
81	1e-8	2e-8
82	3e-8	5e-8
83	5e-8	1e-7
84	1.1e-7	2.1e-7
85	2.3e-7	4.4e-7
86	4.6e-7	9e-7
87	9e-7	0.00000181
88	0.00000174	0.00000355
89	0.00000329	0.00000684
90	0.00000608	0.00001292
91	0.00001103	0.00002396
92	0.00001961	0.00004356
93	0.00003415	0.00007772
94	0.00005832	0.00013603
95	0.0000976	0.00023364
96	0.00016013	0.00039377

97	0.00025753	0.00065131
98	0.00040601	0.00105732
99	0.00062747	0.00168479
100	0.00095062	0.0026354
101	0.00141181	0.00404721
102	0.00205543	0.00610264
103	0.00293347	0.00903611
104	0.00410404	0.01314015
105	0.0056284	0.01876854
106	0.00756648	0.02633502
107	0.00997078	0.03630579
108	0.01287892	0.04918471
109	0.01630542	0.06549013
110	0.02023354	0.08572368
111	0.02460836	0.11033204
112	0.02933229	0.13966433
113	0.03426427	0.1739286
114	0.03922357	0.21315218
115	0.04399862	0.25715079
116	0.04836055	0.30551134
117	0.05208059	0.35759193
118	0.05494944	0.41254137
119	0.05679648	0.46933784
120	0.05750643	0.52684427
121	0.05703117	0.58387545
122	0.05539503	0.63927048
123	0.05269284	0.69196331
124	0.04908083	0.74104414
125	0.04476171	0.78580585
126	0.03996582	0.82577167
127	0.03493075	0.86070242
128	0.02988217	0.89058459
129	0.02501763	0.91560222
130	0.02049521	0.93609743
131	0.01642746	0.95252489
132	0.01288062	0.96540551
133	0.00987837	0.97528388
134	0.00740878	0.98269266
135	0.0054331	0.98812576
136	0.00389506	0.99202082
137	0.00272938	0.9947502
138	0.00186903	0.99661924
139	0.0012505	0.99786974
140	0.00081729	0.99868703
141	0.00052168	0.99920871
142	0.00032513	0.99953384
143	0.00019781	0.99973165

144	0.00011745	0.99984909
145	0.00006804	0.99991713
146	0.00003845	0.99995558
147	0.00002118	0.99997676
148	0.00001138	0.99998814
149	0.00000596	0.9999941
150	0.00000304	0.99999714
151	0.00000151	0.99999865
152	7.3e-7	0.99999938
153	3.4e-7	0.99999972
154	1.6e-7	0.99999988
155	7e-8	0.99999995
156	3e-8	0.99999998
157	1e-8	0.99999999
158	1e-8	1
159	0	1
...
200	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 200
Erwartungswert: $\mu = 120$		
Standardabweichung: $\sigma = 6.928$		
1 σ -Intervall: $p(114 \leq X \leq 126) = 0.65184307$		
2 σ -Intervall: $p(107 \leq X \leq 133) = 0.94894886$		
3 σ -Intervall: $p(100 \leq X \leq 140) = 0.99700225$		

p = 0.6		n = 210
k	p(X=k)	p(x≤k)
0	0	0
...
84	0	0
85	1e-8	1e-8
86	1e-8	2e-8
87	2e-8	4e-8
88	5e-8	9e-8
89	1e-7	1.9e-7
90	2e-7	4e-7
91	4e-7	8e-7
92	7.8e-7	0.00000158
93	0.00000148	0.00000306
94	0.00000277	0.00000584
95	0.00000508	0.00001091
96	0.00000912	0.00002004

97	0.00001608	0.00003612
98	0.00002782	0.00006393
99	0.0000472	0.00011114
100	0.00007859	0.00018973
101	0.00012839	0.00031813
102	0.00020581	0.00052393
103	0.0003237	0.00084764
104	0.00049956	0.00134719
105	0.00075647	0.00210366
106	0.001124	0.00322767
107	0.00163873	0.0048664
108	0.0023443	0.0072107
109	0.00329062	0.01050132
110	0.00453208	0.01503341
111	0.00612444	0.02115785
112	0.00812035	0.02927819
113	0.01056364	0.03984183
114	0.01348254	0.05332438
115	0.01688249	0.07020686
116	0.02073926	0.09094612
117	0.02499347	0.11593959
118	0.02954736	0.14548695
119	0.03426501	0.17975196
120	0.03897645	0.21872841
121	0.04348612	0.26221452
122	0.04758522	0.30979974
123	0.05106706	0.36086681
124	0.05374397	0.41461078
125	0.05546377	0.47007455
126	0.05612406	0.52619861
127	0.05568214	0.58188074
128	0.05415958	0.63604032
129	0.05164053	0.68768085
130	0.04826403	0.73594488
131	0.04421133	0.7801562
132	0.03968971	0.81984592
133	0.03491501	0.85476093
134	0.03009465	0.88485558
135	0.02541326	0.91026885
136	0.021022	0.93129085
137	0.01703242	0.94832327
138	0.01351486	0.96183813
139	0.01050075	0.97233889
140	0.00798807	0.98032696
141	0.00594857	0.98627552
142	0.00433575	0.99061127
143	0.00309263	0.99370391

144	0.0021584	0.99586231
145	0.00147367	0.99733597
146	0.00098413	0.9983201
147	0.00064269	0.99896279
148	0.00041037	0.99937316
149	0.00025614	0.9996293
150	0.00015624	0.99978554
151	0.00009313	0.99987867
152	0.00005422	0.99993289
153	0.00003083	0.99996372
154	0.00001712	0.99998084
155	0.00000928	0.99999012
156	0.00000491	0.99999502
157	0.00000253	0.99999755
158	0.00000127	0.99999883
159	6.2e-7	0.99999945
160	3e-7	0.99999975
161	1.4e-7	0.99999989
162	6e-8	0.99999995
163	3e-8	0.99999998
164	1e-8	0.99999999
165	1e-8	1
166	0	1
...
210	0	1

k	p(X=k)	p(x≤k)
---	--------	--------

p = 0.6	n = 210
----------------	----------------

Erwartungswert:
 $\mu = 126$

Standardabweichung:
 $\sigma = 7.099$

1σ-Intervall:
 $p(119 \leq X \leq 133) = 0.70927398$

2σ-Intervall:
 $p(112 \leq X \leq 140) = 0.95916911$

3σ-Intervall:
 $p(105 \leq X \leq 147) = 0.9976156$

p = 0.6	n = 220
----------------	----------------

k	p(X=k)	p(x≤k)
---	--------	--------

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

...
-----	-----	-----

89	0	0
----	---	---

90	0	1e-8
----	---	------

91	1e-8	2e-8
----	------	------

92	2e-8	4e-8
----	------	------

93	4e-8	8e-8
----	------	------

94	9e-8	1.7e-7
----	------	--------

95	1.8e-7	3.5e-7
96	3.5e-7	7e-7
97	6.7e-7	0.00000137
98	0.00000126	0.00000263
99	0.00000233	0.00000496
100	0.00000422	0.00000918
101	0.00000753	0.0000167
102	0.00001317	0.00002987
103	0.00002263	0.00005251
104	0.00003819	0.0000907
105	0.00006329	0.00015399
106	0.00010299	0.00025698
107	0.0001646	0.00042158
108	0.00025833	0.0006799
109	0.00039815	0.00107805
110	0.00060266	0.00168071
111	0.00089584	0.00257655
112	0.00130777	0.00388432
113	0.00187486	0.00575918
114	0.0026396	0.00839878
115	0.00364954	0.01204832
116	0.00495519	0.01700351
117	0.00660692	0.02361042
118	0.00865058	0.03226101
119	0.01112218	0.04338318
120	0.01404175	0.05742493
121	0.01740713	0.07483206
122	0.02118818	0.09602024
123	0.02532246	0.12134271
124	0.02971305	0.15105576
125	0.03422944	0.1852852
126	0.03871186	0.22399706
127	0.04297931	0.26697637
128	0.04684073	0.3138171
129	0.05010869	0.36392579
130	0.05261413	0.41653992
131	0.05422066	0.47076059
132	0.05483681	0.52559739
133	0.0544245	0.5800219
134	0.05300297	0.63302486
135	0.05064728	0.68367214
136	0.04748182	0.73115397
137	0.04366941	0.77482338
138	0.03939741	0.81422079
139	0.03486245	0.84908324
140	0.03025563	0.87933887
141	0.02574947	0.90508834

142	0.02148812	0.92657646
143	0.01758119	0.94415764
144	0.01410158	0.95825922
145	0.01108676	0.96934597
146	0.00854288	0.97788885
147	0.00645074	0.9843396
148	0.00477268	0.98911227
149	0.00345939	0.99257167
150	0.00245617	0.99502783
151	0.00170793	0.99673577
152	0.00116297	0.99789873
153	0.00077531	0.99867404
154	0.00050597	0.99918001
155	0.00032317	0.99950317
156	0.00020198	0.99970515
157	0.0001235	0.99982865
158	0.00007387	0.99990252
159	0.00004321	0.99994573
160	0.00002471	0.99997044
161	0.00001381	0.99998425
162	0.00000755	0.99999179
163	0.00000403	0.99999582
164	0.0000021	0.99999792
165	0.00000107	0.99999899
166	5.3e-7	0.99999952
167	2.6e-7	0.99999978
168	1.2e-7	0.9999999
169	6e-8	0.99999996
170	3e-8	0.99999998
171	1e-8	0.99999999
172	0	1
...
220	0	1

k	p(X=k)	p(x≤k)
p = 0.6		n = 220
Erwartungswert: $\mu = 132$		
Standardabweichung: $\sigma = 7.266$		
1σ-Intervall: $p(125 \leq X \leq 139) = 0.69802748$		
2σ-Intervall: $p(118 \leq X \leq 146) = 0.95427843$		
3σ-Intervall: $p(111 \leq X \leq 153) = 0.99699333$		

k	p(X=k)	p(x≤k)
p = 0.6		n = 230
0	0	0

...
94	0	0
95	0	1e-8
96	1e-8	2e-8
97	2e-8	4e-8
98	4e-8	8e-8
99	8e-8	1.6e-7
100	1.6e-7	3.1e-7
101	3e-7	6.1e-7
102	5.7e-7	0.00000118
103	0.00000106	0.00000224
104	0.00000195	0.00000419
105	0.0000035	0.00000769
106	0.0000062	0.00001389
107	0.00001077	0.00002466
108	0.0000184	0.00004306
109	0.00003089	0.00007395
110	0.00005097	0.00012492
111	0.00008265	0.00020757
112	0.00013173	0.0003393
113	0.00020633	0.00054563
114	0.00031765	0.00086328
115	0.00048061	0.00134389
116	0.00071471	0.0020586
117	0.00104457	0.00310317
118	0.00150046	0.00460363
119	0.0021183	0.00672193
120	0.00293914	0.00966107
121	0.00400792	0.01366899
122	0.00537127	0.01904025
123	0.00707435	0.02611461
124	0.00915672	0.03527133
125	0.01164735	0.04691868
126	0.01455919	0.06147786
127	0.01788373	0.07936159
128	0.02158622	0.10094781
129	0.02560226	0.12655006
130	0.02983648	0.15638654
131	0.0341639	0.19055044
132	0.03843439	0.22898483
133	0.04248012	0.27146495
134	0.0461258	0.31759075
135	0.04920085	0.3667916
136	0.05155236	0.41834396
137	0.05305754	0.4714015
138	0.05363425	0.52503576
139	0.0532484	0.57828415

140	0.05191719	0.63020134
141	0.04970794	0.67990929
142	0.04673247	0.72664175
143	0.04313766	0.76977942
144	0.03909351	0.80887292
145	0.03477974	0.84365267
146	0.03037272	0.87402538
147	0.02603376	0.90005914
148	0.02190002	0.92195916
149	0.01807854	0.9400377
150	0.01464362	0.95468132
151	0.01163731	0.96631863
152	0.00907251	0.97539114
153	0.0069378	0.98232895
154	0.00520335	0.9875323
155	0.00382698	0.99135928
156	0.00275984	0.99411912
157	0.00195123	0.99607035
158	0.00135227	0.99742262
159	0.00091853	0.99834114
160	0.00061139	0.99895254
161	0.00039873	0.99935127
162	0.00025475	0.99960602
163	0.00015941	0.99976543
164	0.00009769	0.99986312
165	0.00005861	0.99992173
166	0.00003443	0.99995616
167	0.00001979	0.99997595
168	0.00001113	0.99998708
169	0.00000613	0.99999321
170	0.0000033	0.99999651
171	0.00000174	0.99999824
172	8.9e-7	0.99999913
173	4.5e-7	0.99999958
174	2.2e-7	0.9999998
175	1.1e-7	0.99999991
176	5e-8	0.99999996
177	2e-8	0.99999998
178	1e-8	0.99999999
179	0	1
...
230	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 230
Erwartungswert: $\mu = 138$		
Standardabweichung: $\sigma = 7.43$		

1σ -Intervall: $p(131 \leq X \leq 145) = 0.68726613$
2σ -Intervall: $p(124 \leq X \leq 152) = 0.94927654$
3σ -Intervall: $p(116 \leq X \leq 160) = 0.99760865$

p = 0.6		n = 240
k	p(X=k)	p(x≤k)
0	0	0
...
99	0	0
100	0	1e-8
101	1e-8	2e-8
102	2e-8	3e-8
103	4e-8	7e-8
104	7e-8	1.4e-7
105	1.3e-7	2.7e-7
106	2.6e-7	5.3e-7
107	4.8e-7	0.00000101
108	8.9e-7	0.00000191
109	0.00000162	0.00000353
110	0.0000029	0.00000643
111	0.00000509	0.00001152
112	0.0000088	0.00002032
113	0.00001495	0.00003527
114	0.00002498	0.00006025
115	0.00004105	0.0001013
116	0.00006636	0.00016766
117	0.00010549	0.00027315
118	0.00016494	0.00043809
119	0.00025365	0.00069174
120	0.00038365	0.00107538
121	0.00057071	0.0016461
122	0.00083502	0.00248111
123	0.00120161	0.00368272
124	0.00170067	0.00538339
125	0.00236733	0.00775072
126	0.00324098	0.0109917
127	0.00436384	0.01535555
128	0.00577869	0.02113423
129	0.00752573	0.02865996
130	0.00963872	0.03829869
131	0.01214038	0.05043906
132	0.01503751	0.06547657
133	0.01831637	0.08379294
134	0.02193863	0.10573158

135	0.02583884	0.13157041
136	0.02992365	0.16149406
137	0.03407365	0.19556771
138	0.03814767	0.23371538
139	0.04198988	0.27570526
140	0.04543905	0.32114431
141	0.04833942	0.36948373
142	0.05055214	0.42003586
143	0.05196618	0.47200205
144	0.0525075	0.52450954
145	0.05214537	0.57665492
146	0.05089531	0.62755023
147	0.04881795	0.67636818
148	0.04601422	0.7223824
149	0.0426172	0.7649996
150	0.03878165	0.80378125
151	0.03467234	0.83845359
152	0.03045235	0.86890594
153	0.02627261	0.89517855
154	0.02226348	0.91744203
155	0.01852896	0.93597099
156	0.01514386	0.95111486
157	0.01215367	0.96326853
158	0.00957679	0.97284532
159	0.00740846	0.98025377
160	0.0056258	0.98587957
161	0.00419314	0.99007271
162	0.00306721	0.99313992
163	0.00220161	0.99534153
164	0.00155053	0.99689206
165	0.00107127	0.99796333
166	0.00072601	0.99868934
167	0.00048256	0.9991719
168	0.00031453	0.99948643
169	0.000201	0.99968743
170	0.00012592	0.99981335
171	0.00007732	0.99989067
172	0.00004653	0.99993719
173	0.00002743	0.99996462
174	0.00001584	0.99998047
175	0.00000896	0.99998943
176	0.00000497	0.9999944
177	0.00000269	0.99999709
178	0.00000143	0.99999852
179	7.4e-7	0.99999926
180	3.8e-7	0.99999964
181	1.9e-7	0.99999983

182	9e-8	0.99999992
183	4e-8	0.99999996
184	2e-8	0.99999998
185	1e-8	0.99999999
186	0	1
...
240	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 240
Erwartungswert: $\mu = 144$		
Standardabweichung: $\sigma = 7.589$		
1σ-Intervall: $p(137 \leq X \leq 151) = 0.67695953$		
2σ-Intervall: $p(129 \leq X \leq 159) = 0.95911954$		
3σ-Intervall: $p(122 \leq X \leq 166) = 0.99704325$		

p = 0.6		n = 250
k	p(X=k)	p(x≤k)
0	0	0
...
104	0	0
105	0	1e-8
106	1e-8	1e-8
107	2e-8	3e-8
108	3e-8	6e-8
109	6e-8	1.2e-7
110	1.2e-7	2.4e-7
111	2.2e-7	4.6e-7
112	4.1e-7	8.7e-7
113	7.5e-7	0.0000161
114	0.0000135	0.0000296
115	0.0000239	0.0000536
116	0.0000418	0.0000954
117	0.0000718	0.0001672
118	0.0001214	0.0002885
119	0.000202	0.0004905
120	0.0003307	0.0008212
121	0.000533	0.0013542
122	0.0008453	0.0021995
123	0.0013195	0.003519
124	0.0020272	0.0055462
125	0.0030651	0.0086112
126	0.0045611	0.0131723
127	0.0066801	0.0198524

128	0.00096287	0.00294811
129	0.00136593	0.00431403
130	0.00190704	0.00622108
131	0.00262037	0.00884145
132	0.00354345	0.0123849
133	0.00471572	0.01710062
134	0.00617619	0.0232768
135	0.00796042	0.03123722
136	0.01009685	0.04133407
137	0.01260264	0.05393671
138	0.01547933	0.06941604
139	0.01870883	0.08812488
140	0.02225015	0.11037502
141	0.0260374	0.13641243
142	0.02997969	0.16639211
143	0.033963	0.20035512
144	0.0378546	0.23820971
145	0.04150952	0.27971924
146	0.04477911	0.32449835
147	0.04752069	0.37201903
148	0.04960774	0.42162678
149	0.0509395	0.47256628
150	0.05144889	0.52401517
151	0.05110817	0.57512334
152	0.04993134	0.62505467
153	0.04797325	0.67302792
154	0.04532537	0.71835329
155	0.04210873	0.76046202
156	0.03846471	0.79892673
157	0.03454474	0.83347147
158	0.03049994	0.86397141
159	0.02647165	0.89044306
160	0.02258362	0.91302668
161	0.01893658	0.93196326
162	0.01560514	0.94756841
163	0.01263729	0.9602057
164	0.0100559	0.9702616
165	0.00786188	0.97812348
166	0.00603849	0.98416197
167	0.00455599	0.98871796
168	0.00337631	0.99209428
169	0.00245732	0.99455159
170	0.00175626	0.99630785
171	0.00123246	0.99754032
172	0.00084911	0.99838943
173	0.00057425	0.99896368
174	0.00038119	0.99934486

175	0.00024831	0.99959318
176	0.00015872	0.9997519
177	0.00009954	0.99985144
178	0.00006123	0.99991267
179	0.00003695	0.99994962
180	0.00002186	0.99997148
181	0.00001268	0.99998416
182	0.00000721	0.99999137
183	0.00000402	0.99999539
184	0.0000022	0.99999759
185	0.00000117	0.99999876
186	6.2e-7	0.99999938
187	3.2e-7	0.99999969
188	1.6e-7	0.99999985
189	8e-8	0.99999993
190	4e-8	0.99999997
191	2e-8	0.99999999
192	1e-8	0.99999999
193	0	1
...
250	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 250
Erwartungswert: $\mu = 150$		
Standardabweichung: $\sigma = 7.746$		
1 σ -Intervall: $p(143 \leq X \leq 157) = 0.66707935$		
2 σ -Intervall: $p(135 \leq X \leq 165) = 0.95484668$		
3 σ -Intervall: $p(127 \leq X \leq 173) = 0.99764644$		

p = 0.6		n = 260
k	p(X=k)	p(x≤k)
0	0	0
...
109	0	0
110	0	1e-8
111	1e-8	1e-8
112	1e-8	3e-8
113	3e-8	5e-8
114	5e-8	1.1e-7
115	1e-7	2.1e-7
116	1.9e-7	3.9e-7
117	3.4e-7	7.4e-7
118	6.3e-7	0.00000136

119	0.00000112	0.00000248
120	0.00000197	0.00000446
121	0.00000343	0.00000788
122	0.00000585	0.00001373
123	0.00000985	0.00002359
124	0.00001633	0.00003991
125	0.00002665	0.00006656
126	0.00004282	0.00010938
127	0.00006777	0.00017716
128	0.00010563	0.00028279
129	0.00016214	0.00044492
130	0.00024507	0.00069
131	0.0003648	0.0010548
132	0.00053477	0.00158957
133	0.000772	0.00236157
134	0.0010975	0.00345907
135	0.00153651	0.00499558
136	0.00211834	0.00711392
137	0.002876	0.00998992
138	0.00384509	0.01383501
139	0.00506224	0.01889725
140	0.00656283	0.02546008
141	0.00837808	0.03383816
142	0.0105316	0.04436976
143	0.01303562	0.05740538
144	0.01588716	0.07329254
145	0.01906459	0.09235714
146	0.02252495	0.11488208
147	0.02620249	0.14108457
148	0.03000893	0.1710935
149	0.03383557	0.20492908
150	0.03755749	0.24248657
151	0.04103964	0.2835262
152	0.04414461	0.32767082
153	0.04674135	0.37441217
154	0.0487142	0.42312637
155	0.04997134	0.47309771
156	0.05045184	0.52354955
157	0.05013049	0.57368004
158	0.04902	0.62270004
159	0.04717019	0.66987023
160	0.04466427	0.7145345
161	0.04161268	0.75614718
162	0.03814495	0.79429214
163	0.03440066	0.8286928
164	0.0305201	0.8592129
165	0.02663573	0.88584863

166	0.02286501	0.90871363
167	0.01930518	0.92801882
168	0.0160302	0.94404902
169	0.01308975	0.95713876
170	0.0105103	0.96764906
171	0.0082976	0.97594666
172	0.00644029	0.98238695
173	0.00491398	0.98730093
174	0.00368548	0.99098642
175	0.00271673	0.99370314
176	0.00196808	0.99567123
177	0.00140101	0.99707224
178	0.00097992	0.99805216
179	0.00067335	0.99872551
180	0.00045451	0.99918002
181	0.00030133	0.99948136
182	0.0001962	0.99967756
183	0.00012544	0.99980299
184	0.00007874	0.99988173
185	0.00004852	0.99993025
186	0.00002935	0.9999596
187	0.00001742	0.99997702
188	0.00001015	0.99998717
189	0.0000058	0.99999297
190	0.00000325	0.99999622
191	0.00000179	0.999998
192	9.6e-7	0.99999897
193	5.1e-7	0.99999947
194	2.6e-7	0.99999974
195	1.3e-7	0.99999987
196	7e-8	0.99999994
197	3e-8	0.99999997
198	2e-8	0.99999999
199	1e-8	0.99999999
200	0	1
...
260	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 260
Erwartungswert: $\mu = 156$		
Standardabweichung: $\sigma = 7.899$		
1 σ -Intervall: $p(149 \leq X \leq 163) = 0.6575993$		
2 σ -Intervall: $p(141 \leq X \leq 171) = 0.95048658$		
3 σ -Intervall: $p(133 \leq X \leq 179) = 0.99713594$		

p = 0.6		n = 270
k	p(X=k)	p(x≤k)
0	0	0
...
114	0	0
115	0	1e-8
116	1e-8	1e-8
117	1e-8	2e-8
118	2e-8	5e-8
119	4e-8	9e-8
120	8e-8	1.8e-7
121	1.6e-7	3.3e-7
122	2.9e-7	6.2e-7
123	5.2e-7	0.00000115
124	9.3e-7	0.00000207
125	0.00000162	0.0000037
126	0.0000028	0.0000065
127	0.00000477	0.00001127
128	0.00000799	0.00001926
129	0.0000132	0.00003246
130	0.00002147	0.00005393
131	0.00003442	0.00008835
132	0.00005437	0.00014272
133	0.00008462	0.00022734
134	0.00012977	0.00035711
135	0.0001961	0.00055321
136	0.00029198	0.0008452
137	0.00042838	0.00127358
138	0.0006193	0.00189288
139	0.00088216	0.00277504
140	0.00123818	0.00401321
141	0.00171237	0.00572559
142	0.00233341	0.008059
143	0.00313297	0.01119197
144	0.00414466	0.01533662
145	0.00540235	0.02073897
146	0.00693795	0.02767692
147	0.00877862	0.03645554
148	0.01094362	0.04739916
149	0.01344083	0.06083999
150	0.0162634	0.07710339
151	0.01938683	0.09649022
152	0.02276678	0.119257
153	0.02633803	0.14559503
154	0.0300151	0.17561013
155	0.03369437	0.2093045
156	0.03725819	0.24656269

157	0.04058058	0.28714327
158	0.04353423	0.3306775
159	0.04599843	0.37667593
160	0.04786712	0.42454305
161	0.04905636	0.47359942
162	0.04951059	0.52311001
163	0.04920684	0.57231685
164	0.0481567	0.62047355
165	0.04640555	0.66687909
166	0.04402936	0.71090845
167	0.04112922	0.75203767
168	0.03782419	0.78986187
169	0.0342432	0.82410507
170	0.03051674	0.85462181
171	0.02676907	0.88139088
172	0.02311167	0.90450254
173	0.01963824	0.92414078
174	0.01642163	0.94056241
175	0.01351266	0.95407507
176	0.01094064	0.96501571
177	0.00871543	0.97373114
178	0.00683035	0.98056149
179	0.00526586	0.98582734
180	0.00399327	0.98982062
181	0.00297841	0.99279903
182	0.00218471	0.99498374
183	0.00157586	0.9965596
184	0.00111766	0.99767726
185	0.00077934	0.9984566
186	0.00053423	0.99899082
187	0.00035996	0.99935078
188	0.00023838	0.99958916
189	0.00015513	0.9997443
190	0.0000992	0.9998435
191	0.00006233	0.99990583
192	0.00003847	0.9999443
193	0.00002332	0.99996762
194	0.00001388	0.9999815
195	0.00000812	0.99998962
196	0.00000466	0.99999428
197	0.00000262	0.9999969
198	0.00000145	0.99999835
199	7.9e-7	0.99999914
200	4.2e-7	0.99999956
201	2.2e-7	0.99999978
202	1.1e-7	0.99999989
203	6e-8	0.99999995

204	3e-8	0.99999997
205	1e-8	0.99999999
206	1e-8	0.99999999
207	0	1
...
270	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 270
Erwartungswert: $\mu = 162$		
Standardabweichung: $\sigma = 8.05$		
1σ-Intervall: $p(154 \leq X \leq 170) = 0.70902678$		
2σ-Intervall: $p(146 \leq X \leq 178) = 0.95982252$		
3σ-Intervall: $p(138 \leq X \leq 186) = 0.99771724$		

p = 0.6		n = 280
k	p(X=k)	p(x≤k)
0	0	0
...
119	0	0
120	0	1e-8
121	1e-8	1e-8
122	1e-8	2e-8
123	2e-8	4e-8
124	4e-8	8e-8
125	7e-8	1.5e-7
126	1.3e-7	2.9e-7
127	2.4e-7	5.3e-7
128	4.3e-7	9.6e-7
129	7.7e-7	0.00000173
130	0.00000134	0.00000306
131	0.00000229	0.00000536
132	0.00000388	0.00000924
133	0.00000648	0.00001572
134	0.00001067	0.00002639
135	0.00001731	0.0000437
136	0.00002768	0.00007137
137	0.00004364	0.00011501
138	0.00006783	0.00018284
139	0.00010394	0.00028677
140	0.00015702	0.00044379
141	0.00023385	0.00067764
142	0.00034337	0.00102102
143	0.00049705	0.00151806

144	0.00070933	0.00222739
145	0.00099795	0.00322534
146	0.00138415	0.00460949
147	0.00189261	0.0065021
148	0.00255118	0.00905328
149	0.00339016	0.01244344
150	0.00444111	0.01688456
151	0.00573521	0.02261977
152	0.00730108	0.02992085
153	0.00916214	0.03908298
154	0.01133368	0.05041667
155	0.01381978	0.06423645
156	0.01661031	0.08084676
157	0.01967846	0.10052522
158	0.02297896	0.12350418
159	0.02644748	0.14995166
160	0.03000136	0.17995302
161	0.0335419	0.21349492
162	0.0369582	0.25045312
163	0.04013252	0.29058564
164	0.0429467	0.33353234
165	0.04528924	0.37882158
166	0.04706262	0.4258842
167	0.04818986	0.47407406
168	0.04862013	0.52269419
169	0.04833244	0.57102663
170	0.04733736	0.61836399
171	0.0456764	0.66404039
172	0.04341913	0.70745952
173	0.04065838	0.7481179
174	0.03750385	0.78562175
175	0.03407493	0.81969668
176	0.03049319	0.85018987
177	0.02687535	0.87706522
178	0.0233272	0.90039242
179	0.01993889	0.92033131
180	0.0167819	0.93711321
181	0.01390765	0.95102087
182	0.01134773	0.9623686
183	0.00911539	0.97148398
184	0.00720809	0.97869208
185	0.00561062	0.9843027
186	0.00429846	0.98860116
187	0.00324109	0.99184225
188	0.00240495	0.9942472
189	0.001756	0.9960032
190	0.00126155	0.99726475

191	0.00089167	0.99815642
192	0.00061999	0.9987764
193	0.00042403	0.99920044
194	0.00028524	0.99948568
195	0.0001887	0.99967437
196	0.00012275	0.99979712
197	0.00007851	0.99987563
198	0.00004937	0.999925
199	0.00003051	0.99995551
200	0.00001854	0.99997405
201	0.00001107	0.99998511
202	0.00000649	0.9999916
203	0.00000374	0.99999535
204	0.00000212	0.99999746
205	0.00000118	0.99999864
206	6.4e-7	0.99999929
207	3.4e-7	0.99999963
208	1.8e-7	0.99999981
209	9e-8	0.99999991
210	5e-8	0.99999995
211	2e-8	0.99999998
212	1e-8	0.99999999
213	1e-8	1
214	0	1
...
280	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 280
Erwartungswert: $\mu = 168$		
Standardabweichung: $\sigma = 8.198$		
1 σ -Intervall: $p(160 \leq X \leq 176) = 0.70023821$		
2 σ -Intervall: $p(152 \leq X \leq 184) = 0.95607231$		
3 σ -Intervall: $p(144 \leq X \leq 192) = 0.99725834$		

p = 0.6		n = 290
k	p(X=k)	p(x≤k)
0	0	0
...
125	0	0
126	0	1e-8
127	1e-8	2e-8
128	2e-8	4e-8
129	3e-8	7e-8

130	6e-8	1.3e-7
131	1.1e-7	2.4e-7
132	2e-7	4.4e-7
133	3.6e-7	8e-7
134	6.3e-7	0.00000144
135	0.0000011	0.00000253
136	0.00000187	0.00000441
137	0.00000316	0.00000757
138	0.00000526	0.00001283
139	0.00000862	0.00002145
140	0.00001395	0.0000354
141	0.00002226	0.00005766
142	0.00003504	0.0000927
143	0.0000544	0.0001471
144	0.0000833	0.00023039
145	0.0001258	0.0003562
146	0.00018741	0.00054361
147	0.00027538	0.000819
148	0.00039912	0.00121812
149	0.00057055	0.00178867
150	0.00080448	0.00259315
151	0.00111882	0.00371197
152	0.00153469	0.00524666
153	0.00207635	0.00732301
154	0.00277071	0.01009372
155	0.00364661	0.01374033
156	0.00473358	0.01847391
157	0.00606019	0.02453411
158	0.00765195	0.03218606
159	0.00952885	0.04171491
160	0.01170261	0.05341752
161	0.01417397	0.0675915
162	0.01693002	0.08452152
163	0.01994212	0.10446364
164	0.02316447	0.1276281
165	0.02653385	0.15416195
166	0.02997046	0.18413241
167	0.03338027	0.21751268
168	0.03665869	0.25417137
169	0.03969551	0.29386688
170	0.04238079	0.33624767
171	0.04461136	0.38085903
172	0.04629725	0.42715628
173	0.04736771	0.47452399
174	0.04777605	0.52230004
175	0.04750305	0.56980309
176	0.04655838	0.61636147

177	0.04498013	0.6613416
178	0.0428322	0.70417381
179	0.04020006	0.74437387
180	0.03718505	0.78155892
181	0.03389798	0.8154569
182	0.0304523	0.8459092
183	0.02695778	0.87286698
184	0.0235148	0.89638178
185	0.02021002	0.9165918
186	0.01711332	0.93370512
187	0.01427635	0.94798147
188	0.01173243	0.9597139
189	0.00949768	0.96921158
190	0.00757315	0.97678473
191	0.0059475	0.98273223
192	0.00460002	0.98733225
193	0.00350364	0.99083589
194	0.00262773	0.99346362
195	0.00194048	0.9954041
196	0.00141081	0.99681491
197	0.00100977	0.99782468
198	0.00071143	0.9985361
199	0.00049335	0.99902945
200	0.00033671	0.99936616
201	0.00022615	0.99959231
202	0.00014946	0.99974177
203	0.00009719	0.99983896
204	0.00006217	0.99990113
205	0.00003912	0.99994025
206	0.00002421	0.99996447
207	0.00001474	0.9999792
208	0.00000882	0.99998803
209	0.00000519	0.99999322
210	0.000003	0.99999622
211	0.00000171	0.99999793
212	9.5e-7	0.99999889
213	5.2e-7	0.99999941
214	2.8e-7	0.99999969
215	1.5e-7	0.99999984
216	8e-8	0.99999992
217	4e-8	0.99999996
218	2e-8	0.99999998
219	1e-8	0.99999999
220	0	1
...
290	0	1
k	p(X=k)	p(x≤k)

p = 0.6	n = 290
Erwartungswert: $\mu = 174$	
Standardabweichung: $\sigma = 8.343$	
1 σ -Intervall: $p(166 \leq X \leq 182) = 0.69174725$	
2 σ -Intervall: $p(158 \leq X \leq 190) = 0.95225062$	
3 σ -Intervall: $p(149 \leq X \leq 199) = 0.99781134$	

p = 0.6		n = 300
k	p(X=k)	p(x≤k)
0	0	0
...
130	0	0
131	0	1e-8
132	1e-8	2e-8
133	1e-8	3e-8
134	3e-8	6e-8
135	5e-8	1.1e-7
136	9e-8	2e-7
137	1.7e-7	3.7e-7
138	3e-7	6.7e-7
139	5.2e-7	0.00000119
140	9e-7	0.00000209
141	0.00000153	0.00000362
142	0.00000257	0.00000619
143	0.00000426	0.00001046
144	0.00000697	0.00001743
145	0.00001125	0.00002868
146	0.00001791	0.00004659
147	0.00002815	0.00007474
148	0.00004365	0.00011839
149	0.00006679	0.00018518
150	0.00010086	0.00028603
151	0.00015028	0.00043632
152	0.00022097	0.00065729
153	0.00032063	0.00097792
154	0.00045908	0.001437
155	0.00064864	0.00208564
156	0.00090435	0.00299
157	0.00124421	0.0042342
158	0.00168913	0.00592333
159	0.0022628	0.00818613
160	0.00299113	0.01117726
161	0.00390148	0.01507874

162	0.00502135	0.02010008
163	0.0063768	0.02647689
164	0.00799044	0.03446733
165	0.00987909	0.04434642
166	0.0120513	0.05639772
167	0.01450486	0.07090259
168	0.01722452	0.08812711
169	0.02018021	0.10830732
170	0.02332595	0.13163327
171	0.02659977	0.15823304
172	0.02992474	0.18815777
173	0.03321127	0.22136904
174	0.03636061	0.25772966
175	0.03926946	0.29699912
176	0.04183537	0.33883449
177	0.04396259	0.38279708
178	0.04556796	0.42836504
179	0.04658624	0.47495128
180	0.04697446	0.52192574
181	0.04671493	0.56864067
182	0.04581657	0.61445724
183	0.04431439	0.65877163
184	0.04226725	0.70103888
185	0.03975407	0.74079295
186	0.03686869	0.77766164
187	0.03371415	0.81137579
188	0.03039653	0.84177232
189	0.02701914	0.86879147
190	0.0236773	0.89246877
191	0.02045421	0.91292298
192	0.01741804	0.93034102
193	0.01462032	0.94496134
194	0.01209568	0.95705702
195	0.00986263	0.96691965
196	0.00792533	0.97484498
197	0.0062759	0.98112088
198	0.0048971	0.98601798
199	0.00376511	0.98978309
200	0.00285207	0.99263515
201	0.00212841	0.99476356
202	0.0015647	0.99632826
203	0.00113306	0.99746132
204	0.00080814	0.99826945
205	0.00056767	0.99883712
206	0.00039268	0.9992298
207	0.00026748	0.99949728
208	0.00017939	0.99967667

209	0.00011845	0.99979512
210	0.00007699	0.99987211
211	0.00004926	0.99992137
212	0.00003102	0.99995239
213	0.00001922	0.99997162
214	0.00001172	0.99998334
215	0.00000703	0.99999037
216	0.00000415	0.99999452
217	0.00000241	0.99999694
218	0.00000138	0.99999831
219	7.7e-7	0.99999909
220	4.3e-7	0.99999951
221	2.3e-7	0.99999974
222	1.2e-7	0.99999987
223	6e-8	0.99999993
224	3e-8	0.99999997
225	2e-8	0.99999998
226	1e-8	0.99999999
227	0	1
...
300	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 300
Erwartungswert: $\mu = 180$		
Standardabweichung: $\sigma = 8.485$		
1 σ -Intervall: $p(172 \leq X \leq 188) = 0.68353929$		
2 σ -Intervall: $p(164 \leq X \leq 196) = 0.9483681$		
3 σ -Intervall: $p(155 \leq X \leq 205) = 0.99740012$		

p = 0.6		n = 310
k	p(X=k)	p(x≤k)
0	0	0
...
135	0	0
136	0	1e-8
137	1e-8	1e-8
138	1e-8	3e-8
139	2e-8	5e-8
140	4e-8	9e-8
141	8e-8	1.7e-7
142	1.4e-7	3.1e-7
143	2.5e-7	5.6e-7

144	4.3e-7	9.9e-7
145	7.4e-7	0.00000173
146	0.00000125	0.00000298
147	0.00000209	0.00000507
148	0.00000345	0.00000852
149	0.00000563	0.00001416
150	0.00000907	0.00002323
151	0.00001442	0.00003764
152	0.00002262	0.00006027
153	0.00003504	0.00009531
154	0.00005359	0.0001489
155	0.0000809	0.0002298
156	0.00012057	0.00035037
157	0.0001774	0.00052777
158	0.00025768	0.00078546
159	0.00036951	0.00115496
160	0.00052309	0.00167805
161	0.00073102	0.00240907
162	0.00100854	0.0034176
163	0.00137359	0.00479119
164	0.00184681	0.006638
165	0.00245122	0.00908922
166	0.00321169	0.0123009
167	0.00415404	0.01645494
168	0.00530381	0.02175875
169	0.00668469	0.02844344
170	0.00831654	0.03675998
171	0.01021329	0.04697327
172	0.01238065	0.05935392
173	0.01481384	0.07416776
174	0.01749566	0.09166341
175	0.02039494	0.11205835
176	0.02346576	0.13552411
177	0.02664756	0.16217168
178	0.02986623	0.1920379
179	0.03303639	0.22507429
180	0.03606472	0.26113901
181	0.03885426	0.29999327
182	0.04130934	0.3413026
183	0.04334094	0.38464355
184	0.04487201	0.42951555
185	0.04584221	0.47535777
186	0.04621191	0.52156968
187	0.04596479	0.56753446
188	0.04510906	0.61264352
189	0.04367702	0.65632054
190	0.04172305	0.6980436

191	0.03932015	0.73736375
192	0.03655546	0.77391921
193	0.03352495	0.80744416
194	0.03032798	0.83777214
195	0.02706189	0.86483404
196	0.02381723	0.88865127
197	0.02067384	0.90932511
198	0.01769806	0.92702316
199	0.01494107	0.94196424
200	0.01243844	0.95440268
201	0.01021066	0.96461334
202	0.00826457	0.97287792
203	0.00659537	0.97947329
204	0.00518901	0.98466229
205	0.00402464	0.98868694
206	0.00307709	0.99176403
207	0.00231897	0.994083
208	0.0017225	0.99580551
209	0.00126097	0.99706648
210	0.0009097	0.99797618
211	0.00064671	0.99862289
212	0.000453	0.99907589
213	0.00031263	0.99938852
214	0.00021256	0.99960108
215	0.00014237	0.99974345
216	0.00009392	0.99983737
217	0.00006103	0.9998984
218	0.00003905	0.99993745
219	0.00002461	0.99996206
220	0.00001527	0.99997733
221	0.00000933	0.99998665
222	0.00000561	0.99999226
223	0.00000332	0.99999558
224	0.00000193	0.99999752
225	0.00000111	0.99999863
226	6.3e-7	0.99999925
227	3.5e-7	0.9999996
228	1.9e-7	0.99999979
229	1e-7	0.99999989
230	5e-8	0.99999994
231	3e-8	0.99999997
232	1e-8	0.99999999
233	1e-8	0.99999999
234	0	1
...
310	0	1
k	p(X=k)	p(x≤k)

p = 0.6	n = 310
Erwartungswert: $\mu = 186$	
Standardabweichung: $\sigma = 8.626$	
1 σ -Intervall: $p(178 \leq X \leq 194) = 0.67560047$	
2 σ -Intervall: $p(169 \leq X \leq 203) = 0.95771454$	
3 σ -Intervall: $p(161 \leq X \leq 211) = 0.99694484$	

p = 0.6		n = 320
k	p(X=k)	p(x≤k)
0	0	0
...
140	0	0
141	0	1e-8
142	1e-8	1e-8
143	1e-8	2e-8
144	2e-8	4e-8
145	4e-8	8e-8
146	7e-8	1.4e-7
147	1.2e-7	2.6e-7
148	2e-7	4.7e-7
149	3.5e-7	8.2e-7
150	6e-7	0.00000142
151	0.00000102	0.00000244
152	0.0000017	0.00000414
153	0.0000028	0.00000694
154	0.00000455	0.0000115
155	0.00000732	0.00001881
156	0.00001161	0.00003042
157	0.00001819	0.00004861
158	0.00002815	0.00007675
159	0.00004302	0.00011977
160	0.00006493	0.0001847
161	0.00009679	0.00028148
162	0.00014249	0.00042397
163	0.00020718	0.00063115
164	0.0002975	0.00092865
165	0.00042191	0.00135056
166	0.00059093	0.00194149
167	0.00081739	0.00275889
168	0.00111662	0.00387551
169	0.00150645	0.00538195
170	0.00200712	0.00738907
171	0.00264094	0.01003001

172	0.00343169	0.0134617
173	0.00440367	0.01786538
174	0.00558052	0.0234459
175	0.00698362	0.03042951
176	0.00863032	0.03905984
177	0.01053192	0.04959176
178	0.01269156	0.06228331
179	0.01510224	0.07738556
180	0.01774514	0.09513069
181	0.02058828	0.11571897
182	0.02358602	0.13930499
183	0.02667927	0.16598426
184	0.02979669	0.19578095
185	0.03285689	0.22863784
186	0.03577161	0.26440945
187	0.0384497	0.30285915
188	0.04080167	0.34366082
189	0.04274461	0.38640543
190	0.04420693	0.43061236
191	0.04513273	0.47574509
192	0.04548533	0.52123041
193	0.04524965	0.56648006
194	0.04443329	0.61091336
195	0.04306611	0.65397947
196	0.04119845	0.69517792
197	0.03889803	0.73407595
198	0.03624589	0.77032184
199	0.03333165	0.80365349
200	0.03024847	0.83390196
201	0.02708818	0.86099014
202	0.02393683	0.88492697
203	0.02087103	0.90579801
204	0.01795523	0.92375323
205	0.01524005	0.93899328
206	0.01276169	0.95175497
207	0.01054227	0.96229724
208	0.00859093	0.97088817
209	0.00690563	0.9777938
210	0.00547518	0.98326898
211	0.00428154	0.98755051
212	0.00330203	0.99085255
213	0.00251141	0.99336395
214	0.00188355	0.99524751
215	0.00139295	0.99664046
216	0.0010157	0.99765616
217	0.00073018	0.99838634
218	0.00051749	0.99890383

219	0.00036153	0.99926536
220	0.00024896	0.99951432
221	0.00016898	0.9996833
222	0.00011303	0.99979634
223	0.00007451	0.99987085
224	0.0000484	0.99991925
225	0.00003098	0.99995023
226	0.00001953	0.99996976
227	0.00001213	0.99998189
228	0.00000742	0.99998931
229	0.00000447	0.99999378
230	0.00000265	0.99999644
231	0.00000155	0.99999799
232	8.9e-7	0.99999888
233	5.1e-7	0.99999939
234	2.8e-7	0.99999967
235	1.5e-7	0.99999982
236	8e-8	0.99999991
237	4e-8	0.99999995
238	2e-8	0.99999998
239	1e-8	0.99999999
240	1e-8	0.99999999
241	0	1
...
320	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 320
Erwartungswert: $\mu = 192$		
Standardabweichung: $\sigma = 8.764$		
1σ-Intervall: $p(184 \leq X \leq 200) = 0.66791769$		
2σ-Intervall: $p(175 \leq X \leq 209) = 0.9543479$		
3σ-Intervall: $p(166 \leq X \leq 218) = 0.99755326$		

p = 0.6		n = 330
k	p(X=k)	p(x≤k)
0	0	0
...
145	0	0
146	0	1e-8
147	0	1e-8
148	1e-8	2e-8
149	2e-8	4e-8
150	3e-8	7e-8

151	5e-8	1.2e-7
152	1e-7	2.2e-7
153	1.7e-7	3.9e-7
154	2.9e-7	6.8e-7
155	4.9e-7	0.00000117
156	8.3e-7	0.000002
157	0.00000138	0.00000338
158	0.00000227	0.00000565
159	0.00000368	0.00000933
160	0.0000059	0.00001524
161	0.00000935	0.00002458
162	0.00001463	0.00003921
163	0.00002262	0.00006183
164	0.00003455	0.00009638
165	0.00005213	0.00014851
166	0.00007773	0.00022624
167	0.0001145	0.00034073
168	0.00016663	0.00050737
169	0.0002396	0.00074696
170	0.00034037	0.00108733
171	0.00047771	0.00156505
172	0.00066241	0.00222745
173	0.00090746	0.00313491
174	0.0012282	0.00436312
175	0.00164228	0.0060054
176	0.00216949	0.00817489
177	0.00283137	0.01100626
178	0.00365056	0.01465681
179	0.00464987	0.01930668
180	0.00585109	0.02515777
181	0.00727345	0.03243122
182	0.00893196	0.04136318
183	0.01083549	0.05219867
184	0.01298492	0.0651836
185	0.01537134	0.08055494
186	0.01797455	0.09852949
187	0.02076205	0.11929154
188	0.02368862	0.14298016
189	0.02669669	0.16967685
190	0.02971763	0.19939448
191	0.03267384	0.23206832
192	0.03548175	0.26755007
193	0.03805555	0.30560562
194	0.04031142	0.34591705
195	0.04217195	0.388089
196	0.04357051	0.43165951
197	0.04445519	0.4761147

198	0.04479197	0.52090667
199	0.04456689	0.56547356
200	0.04378697	0.60926052
201	0.04247989	0.65174042
202	0.04069237	0.69243279
203	0.03848737	0.73092016
204	0.03594041	0.76686057
205	0.0331353	0.79999587
206	0.03015956	0.83015543
207	0.0270999	0.85725533
208	0.02403813	0.88129345
209	0.02104774	0.90234119
210	0.01819126	0.92053245
211	0.01551861	0.93605106
212	0.01306638	0.94911744
213	0.01085798	0.95997542
214	0.00890455	0.96887997
215	0.00720648	0.97608645
216	0.00575517	0.98184162
217	0.00453518	0.9863768
218	0.00352621	0.98990301
219	0.00270504	0.99260805
220	0.00204722	0.99465527
221	0.00152847	0.99618373
222	0.0011257	0.99730943
223	0.00081777	0.9981272
224	0.00058595	0.99871315
225	0.00041407	0.99912722
226	0.00028857	0.99941578
227	0.00019831	0.99961409
228	0.00013438	0.99974847
229	0.00008978	0.99983826
230	0.00005914	0.9998974
231	0.0000384	0.9999358
232	0.00002458	0.99996038
233	0.00001551	0.99997589
234	0.00000964	0.99998553
235	0.00000591	0.99999144
236	0.00000357	0.99999501
237	0.00000212	0.99999713
238	0.00000124	0.99999837
239	7.2e-7	0.99999909
240	4.1e-7	0.9999995
241	2.3e-7	0.99999973
242	1.3e-7	0.99999986
243	7e-8	0.99999992
244	4e-8	0.99999996

245	2e-8	0.99999998
246	1e-8	0.99999999
247	1e-8	1
248	0	1
...
330	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 330
Erwartungswert: $\mu = 198$		
Standardabweichung: $\sigma = 8.899$		
1σ-Intervall: $p(190 \leq X \leq 206) = 0.66047858$		
2σ-Intervall: $p(181 \leq X \leq 215) = 0.95092868$		
3σ-Intervall: $p(172 \leq X \leq 224) = 0.9971481$		

p = 0.6		n = 340
k	p(X=k)	p(x≤k)
0	0	0
...
151	0	0
152	0	1e-8
153	1e-8	2e-8
154	1e-8	3e-8
155	3e-8	6e-8
156	5e-8	1e-7
157	8e-8	1.8e-7
158	1.4e-7	3.2e-7
159	2.4e-7	5.6e-7
160	4e-7	9.6e-7
161	6.8e-7	0.00000164
162	0.00000112	0.00000276
163	0.00000184	0.0000046
164	0.00000298	0.00000758
165	0.00000476	0.00001234
166	0.00000753	0.00001987
167	0.00001177	0.00003164
168	0.00001818	0.00004982
169	0.00002776	0.00007758
170	0.00004188	0.00011946
171	0.00006245	0.00018191
172	0.00009204	0.00027395
173	0.00013407	0.00040802
174	0.00019302	0.00060104
175	0.00027464	0.00087568

176	0.00038621	0.00126188
177	0.00053676	0.00179865
178	0.0007373	0.00253594
179	0.00100091	0.00353685
180	0.00134289	0.00487974
181	0.00178063	0.00666037
182	0.0023334	0.00899377
183	0.00302195	0.01201571
184	0.00386776	0.01588348
185	0.0048922	0.02077567
186	0.00611525	0.02689092
187	0.00755413	0.03444505
188	0.00922166	0.04366671
189	0.01112454	0.05479125
190	0.01326163	0.06805288
191	0.01562234	0.08367522
192	0.01818538	0.10186059
193	0.02091789	0.12277848
194	0.02377523	0.14655372
195	0.02670142	0.17325513
196	0.0296304	0.20288553
197	0.03248815	0.23537368
198	0.0351955	0.27056918
199	0.03767156	0.30824074
200	0.03983768	0.34807842
201	0.04162145	0.38969988
202	0.04296076	0.43266064
203	0.04380728	0.47646791
204	0.04412939	0.5205973
205	0.04391412	0.56451142
206	0.04316801	0.60767943
207	0.04191676	0.6495962
208	0.04020382	0.68980002
209	0.03808783	0.72788784
210	0.03563932	0.76352717
211	0.03293682	0.79646398
212	0.03006261	0.8265266
213	0.02709869	0.85362529
214	0.0241229	0.87774819
215	0.02120571	0.89895391
216	0.01840774	0.91736165
217	0.01577806	0.93313971
218	0.01335345	0.94649316
219	0.01115836	0.95765152
220	0.00920565	0.96685717
221	0.00749781	0.97435499
222	0.00602865	0.98038363

223	0.00478507	0.9851687
224	0.00374902	0.98891772
225	0.00289924	0.99181696
226	0.00221292	0.99402988
227	0.001667	0.99569687
228	0.00123928	0.99693616
229	0.00090917	0.99784532
230	0.00065816	0.99850348
231	0.00047011	0.99897359
232	0.00033131	0.9993049
233	0.00023035	0.99953525
234	0.000158	0.99969325
235	0.0001069	0.99980015
236	0.00007134	0.99987149
237	0.00004696	0.99991845
238	0.00003048	0.99994894
239	0.00001952	0.99996845
240	0.00001232	0.99998077
241	0.00000767	0.99998844
242	0.0000047	0.99999314
243	0.00000285	0.99999599
244	0.0000017	0.99999769
245	0.000001	0.99999868
246	5.8e-7	0.99999926
247	3.3e-7	0.99999959
248	1.9e-7	0.99999978
249	1e-7	0.99999988
250	6e-8	0.99999994
251	3e-8	0.99999997
252	2e-8	0.99999998
253	1e-8	0.99999999
254	0	1
...
340	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 340
Erwartungswert: $\mu = 204$		
Standardabweichung: $\sigma = 9.033$		
1 σ -Intervall: $p(195 \leq X \leq 213) = 0.70707158$		
2 σ -Intervall: $p(186 \leq X \leq 222) = 0.95960796$		
3 σ -Intervall: $p(177 \leq X \leq 231) = 0.99771171$		

p = 0.6		n = 350
k	p(X=k)	p(x≤k)
0	0	0
...
156	0	0
157	0	1e-8
158	1e-8	1e-8
159	1e-8	3e-8
160	2e-8	5e-8
161	4e-8	9e-8
162	7e-8	1.5e-7
163	1.1e-7	2.7e-7
164	2e-7	4.6e-7
165	3.3e-7	7.9e-7
166	5.5e-7	0.00000134
167	9.1e-7	0.00000225
168	0.00000149	0.00000374
169	0.00000241	0.00000615
170	0.00000384	0.00000999
171	0.00000607	0.00001606
172	0.00000947	0.00002554
173	0.00001462	0.00004016
174	0.00002231	0.00006247
175	0.00003366	0.00009612
176	0.0000502	0.00014632
177	0.00007402	0.00022034
178	0.00010791	0.00032825
179	0.00015554	0.00048379
180	0.00022164	0.00070542
181	0.00031225	0.00101768
182	0.00043492	0.0014526
183	0.00059891	0.00205151
184	0.00081536	0.00286687
185	0.00109744	0.00396431
186	0.0014603	0.00542461
187	0.00192104	0.00734565
188	0.00249837	0.00984401
189	0.00321219	0.0130562
190	0.00408286	0.01713906
191	0.00513029	0.02226935
192	0.00637279	0.02864214
193	0.00782565	0.03646779
194	0.00949969	0.04596748
195	0.01139963	0.05736711
196	0.01352252	0.07088963
197	0.01585636	0.08674599
198	0.01837896	0.10512495

199	0.0210573	0.12618226
200	0.02384739	0.15002965
201	0.02669484	0.1767245
202	0.02953613	0.20626062
203	0.03230059	0.23856122
204	0.03491314	0.27347436
205	0.03729745	0.31077181
206	0.03937959	0.3501514
207	0.04109175	0.39124315
208	0.04237587	0.43361902
209	0.04318689	0.47680591
210	0.04349536	0.52030127
211	0.04328923	0.5635905
212	0.04257455	0.60616504
213	0.04137526	0.6475403
214	0.03973185	0.68727216
215	0.03769906	0.72497122
216	0.03534287	0.76031408
217	0.03273694	0.79305103
218	0.02995881	0.82300983
219	0.02708605	0.85009588
220	0.02419276	0.87428864
221	0.02134656	0.8956352
222	0.01860612	0.91424132
223	0.01601962	0.93026094
224	0.01362383	0.94388476
225	0.01144402	0.95532878
226	0.00949448	0.96482326
227	0.00777962	0.97260288
228	0.00629535	0.97889823
229	0.00503078	0.98392901
230	0.00396994	0.98789896
231	0.00309346	0.99099242
232	0.0023801	0.99337252
233	0.00180806	0.99518057
234	0.00135604	0.99653662
235	0.00100405	0.99754067
236	0.00073389	0.99827456
237	0.00052952	0.99880408
238	0.00037711	0.99918119
239	0.00026508	0.99944627
240	0.0001839	0.99963018
241	0.00012591	0.99975608
242	0.00008507	0.99984115
243	0.00005671	0.99989786
244	0.0000373	0.99993516
245	0.00002421	0.99995937

246	0.0000155	0.99997487
247	0.00000979	0.99998466
248	0.0000061	0.99999076
249	0.00000375	0.99999451
250	0.00000227	0.99999678
251	0.00000136	0.99999814
252	8e-7	0.99999894
253	4.6e-7	0.9999994
254	2.7e-7	0.99999967
255	1.5e-7	0.99999982
256	8e-8	0.9999999
257	5e-8	0.99999995
258	2e-8	0.99999997
259	1e-8	0.99999999
260	1e-8	0.99999999
261	0	1
...
350	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 350
Erwartungswert: $\mu = 210$		
Standardabweichung: $\sigma = 9.165$		
1 σ -Intervall: $p(201 \leq X \leq 219) = 0.70006623$		
2 σ -Intervall: $p(192 \leq X \leq 228) = 0.95662888$		
3 σ -Intervall: $p(183 \leq X \leq 237) = 0.99735148$		

p = 0.6		n = 360
k	p(X=k)	p(x≤k)
0	0	0
...
161	0	0
162	0	1e-8
163	1e-8	1e-8
164	1e-8	2e-8
165	2e-8	4e-8
166	3e-8	7e-8
167	5e-8	1.3e-7
168	9e-8	2.2e-7
169	1.6e-7	3.8e-7
170	2.7e-7	6.5e-7
171	4.5e-7	0.0000011
172	7.4e-7	0.00000184
173	0.00000121	0.00000305

174	0.00000195	0.00000499
175	0.0000031	0.00000809
176	0.00000489	0.00001299
177	0.00000763	0.00002061
178	0.00001176	0.00003238
179	0.00001794	0.00005032
180	0.00002706	0.00007737
181	0.00004036	0.00011774
182	0.00005955	0.00017729
183	0.00008688	0.00026417
184	0.00012536	0.00038953
185	0.0001789	0.00056843
186	0.00025248	0.00082091
187	0.00035239	0.0011733
188	0.00048641	0.0016597
189	0.00066399	0.00232369
190	0.00089638	0.00322007
191	0.00119674	0.00441681
192	0.00158007	0.00599688
193	0.0020631	0.00805998
194	0.00266395	0.01072392
195	0.00340166	0.01412558
196	0.00429546	0.01842104
197	0.00536387	0.02378491
198	0.00662357	0.03040848
199	0.00808808	0.03849655
200	0.00976635	0.0482629
201	0.01166131	0.05992422
202	0.01376843	0.07369265
203	0.01607448	0.08976712
204	0.01855656	0.10832369
205	0.02118164	0.12950533
206	0.02390646	0.15341179
207	0.02667823	0.18009001
208	0.02943583	0.20952584
209	0.03211181	0.24163766
210	0.03463489	0.27627255
211	0.03693294	0.31320548
212	0.03893637	0.35214185
213	0.04058157	0.39272342
214	0.04181419	0.43453761
215	0.04259213	0.47712974
216	0.04288791	0.52001765
217	0.04269027	0.56270791
218	0.04200487	0.60471279
219	0.04085405	0.64556684
220	0.0392756	0.68484244

221	0.03732071	0.72216315
222	0.0350512	0.75721435
223	0.03253632	0.78975067
224	0.02984917	0.81959984
225	0.02706325	0.84666309
226	0.02424915	0.87091224
227	0.02147171	0.89238395
228	0.01878775	0.9111717
229	0.01624443	0.92741613
230	0.01387839	0.94129452
231	0.01171553	0.95301005
232	0.00977135	0.9627814
233	0.00805193	0.97083333
234	0.0065551	0.97738843
235	0.00527197	0.9826604
236	0.00418854	0.98684894
237	0.00328721	0.99013615
238	0.00254828	0.99268442
239	0.00195119	0.99463561
240	0.00147559	0.9961112
241	0.0011021	0.9972133
242	0.00081291	0.99802621
243	0.00059212	0.99861833
244	0.00042589	0.99904422
245	0.00030247	0.99934669
246	0.0002121	0.99955879
247	0.00014684	0.99970562
248	0.00010036	0.99980598
249	0.00006771	0.99987369
250	0.0000451	0.99991879
251	0.00002964	0.99994843
252	0.00001923	0.99996767
253	0.00001232	0.99997998
254	0.00000778	0.99998777
255	0.00000485	0.99999262
256	0.00000299	0.9999956
257	0.00000181	0.99999742
258	0.00000109	0.9999985
259	6.4e-7	0.99999914
260	3.7e-7	0.99999952
261	2.1e-7	0.99999973
262	1.2e-7	0.99999985
263	7e-8	0.99999992
264	4e-8	0.99999996
265	2e-8	0.99999998
266	1e-8	0.99999999
267	1e-8	0.99999999

268	0	1
...
360	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 360
Erwartungswert: $\mu = 216$		
Standardabweichung: $\sigma = 9.295$		
1σ-Intervall: $p(207 \leq X \leq 225) = 0.6932513$		
2σ-Intervall: $p(198 \leq X \leq 234) = 0.95360352$		
3σ-Intervall: $p(189 \leq X \leq 243) = 0.99695863$		

p = 0.6		n = 370
k	p(X=k)	p(x≤k)
0	0	0
...
166	0	0
167	0	1e-8
168	0	1e-8
169	1e-8	2e-8
170	1e-8	3e-8
171	3e-8	6e-8
172	4e-8	1e-7
173	8e-8	1.8e-7
174	1.3e-7	3.1e-7
175	2.2e-7	5.3e-7
176	3.7e-7	9e-7
177	6e-7	0.0000015
178	9.8e-7	0.00000248
179	0.00000157	0.00000405
180	0.0000025	0.00000656
181	0.00000394	0.0000105
182	0.00000614	0.00001664
183	0.00000947	0.00002611
184	0.00001443	0.00004054
185	0.00002176	0.0000623
186	0.00003247	0.00009477
187	0.00004792	0.00014269
188	0.00006997	0.00021267
189	0.00010107	0.00031374
190	0.00014443	0.00045816
191	0.00020416	0.00066232
192	0.00028551	0.00094783
193	0.00039498	0.00134281

194	0.00054055	0.00188335
195	0.00073182	0.00261517
196	0.00098011	0.00359528
197	0.00129852	0.00489381
198	0.00170185	0.00659566
199	0.00220642	0.00880208
200	0.00282974	0.01163182
201	0.00358997	0.01522179
202	0.00450523	0.01972702
203	0.0055927	0.02531971
204	0.0068675	0.03218722
205	0.00834151	0.04052872
206	0.01002195	0.05055068
207	0.01191015	0.06246083
208	0.01400015	0.07646098
209	0.01627769	0.09273867
210	0.01871934	0.11145801
211	0.02129214	0.13275015
212	0.02395366	0.15670381
213	0.02665266	0.18335647
214	0.02933038	0.21268685
215	0.03192237	0.24460922
216	0.03436089	0.27897011
217	0.03657772	0.31554782
218	0.03850727	0.3540551
219	0.04008977	0.39414486
220	0.04127424	0.4354191
221	0.04202128	0.47744038
222	0.04230521	0.51974559
223	0.0421155	0.56186109
224	0.04145744	0.60331853
225	0.04035191	0.64367045
226	0.03883425	0.6825047
227	0.03695242	0.71945711
228	0.03476444	0.75422156
229	0.03233549	0.78655704
230	0.02973459	0.81629163
231	0.02703144	0.84332308
232	0.02429335	0.86761642
233	0.0215825	0.88919893
234	0.01895386	0.90815279
235	0.01645357	0.92460635
236	0.014118	0.93872435
237	0.01197349	0.95069784
238	0.0100366	0.96073444
239	0.00831484	0.96904928
240	0.00680778	0.97585706

241	0.00550837	0.98136543
242	0.00440442	0.98576985
243	0.00348003	0.98924988
244	0.00271699	0.99196687
245	0.00209597	0.99406284
246	0.00159754	0.99566037
247	0.001203	0.99686338
248	0.00089498	0.99775835
249	0.00065775	0.99841611
250	0.00047753	0.99889363
251	0.00034245	0.99923609
252	0.00024257	0.99947865
253	0.0001697	0.99964836
254	0.00011726	0.99976561
255	0.00008001	0.99984562
256	0.00005391	0.99989953
257	0.00003587	0.99993541
258	0.00002357	0.99995897
259	0.00001529	0.99997426
260	0.00000979	0.99998405
261	0.00000619	0.99999024
262	0.00000386	0.9999941
263	0.00000238	0.99999648
264	0.00000145	0.99999793
265	8.7e-7	0.99999879
266	5.1e-7	0.99999931
267	3e-7	0.99999961
268	1.7e-7	0.99999978
269	1e-7	0.99999988
270	6e-8	0.99999993
271	3e-8	0.99999996
272	2e-8	0.99999998
273	1e-8	0.99999999
274	0	0.99999999
275	0	1
...
370	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 370
Erwartungswert: $\mu = 222$		
Standardabweichung: $\sigma = 9.423$		
1 σ -Intervall: $p(213 \leq X \leq 231) = 0.68661927$		
2 σ -Intervall: $p(204 \leq X \leq 240) = 0.95053735$		
3 σ -Intervall: $p(194 \leq X \leq 250) = 0.99755083$		

p = 0.6		n = 380
k	p(X=k)	p(x≤k)
0	0	0
...
172	0	0
173	0	1e-8
174	1e-8	2e-8
175	1e-8	3e-8
176	2e-8	5e-8
177	4e-8	9e-8
178	6e-8	1.5e-7
179	1.1e-7	2.6e-7
180	1.8e-7	4.4e-7
181	3e-7	7.3e-7
182	4.9e-7	0.00000122
183	7.9e-7	0.00000201
184	0.00000127	0.00000329
185	0.00000202	0.00000531
186	0.00000318	0.00000849
187	0.00000495	0.00001344
188	0.00000762	0.00002106
189	0.00001161	0.00003267
190	0.00001751	0.00005018
191	0.00002613	0.00007631
192	0.00003858	0.00011489
193	0.00005637	0.00017126
194	0.0000815	0.00025277
195	0.00011661	0.00036938
196	0.0001651	0.00053448
197	0.00023131	0.0007658
198	0.00032069	0.00108648
199	0.00043994	0.00152642
200	0.00059721	0.00212363
201	0.00080223	0.00292586
202	0.00106633	0.00399218
203	0.00140251	0.00539469
204	0.00182532	0.00722001
205	0.00235066	0.00957067
206	0.00299538	0.01256604
207	0.00377678	0.01634282
208	0.00471189	0.02105472
209	0.0058166	0.02687132
210	0.00710456	0.03397587
211	0.00858608	0.04256195
212	0.01026684	0.05282879
213	0.01214669	0.06497548
214	0.01421843	0.07919391

215	0.01646693	0.09566084
216	0.01886836	0.1145292
217	0.02138994	0.13591914
218	0.02399009	0.15990923
219	0.02661914	0.18652837
220	0.02922056	0.21574893
221	0.03173273	0.24748166
222	0.03409124	0.2815729
223	0.0362315	0.3178044
224	0.0380916	0.355896
225	0.03961527	0.39551127
226	0.04075464	0.43626591
227	0.04147279	0.4777387
228	0.04174563	0.51948433
229	0.04156334	0.56104767
230	0.04093085	0.60197852
231	0.03986771	0.64184623
232	0.03840704	0.68025328
233	0.03659383	0.71684711
234	0.03448265	0.75132976
235	0.0321349	0.78346466
236	0.02961585	0.81308051
237	0.02699166	0.84007217
238	0.02432652	0.86439868
239	0.02168012	0.8860788
240	0.0191056	0.9051844
241	0.01664804	0.92183244
242	0.01434345	0.93617589
243	0.0122185	0.94839439
244	0.01029058	0.95868497
245	0.00856848	0.96725345
246	0.00705332	0.97430677
247	0.00573975	0.98004652
248	0.00461726	0.98466378
249	0.00367155	0.98833533
250	0.00288584	0.99122117
251	0.00224199	0.99346316
252	0.00172153	0.99518469
253	0.00130646	0.99649114
254	0.00097984	0.99747098
255	0.00072624	0.99819722
256	0.00053191	0.99872913
257	0.00038496	0.99911409
258	0.00027529	0.99938939
259	0.00019451	0.9995839
260	0.00013578	0.99971968
261	0.00009364	0.99981333

262	0.0000638	0.99987713
263	0.00004294	0.99992006
264	0.00002854	0.99994861
265	0.00001874	0.99996735
266	0.00001215	0.9999795
267	0.00000778	0.99998729
268	0.00000492	0.99999221
269	0.00000307	0.99999528
270	0.0000019	0.99999718
271	0.00000115	0.99999834
272	6.9e-7	0.99999903
273	4.1e-7	0.99999944
274	2.4e-7	0.99999968
275	1.4e-7	0.99999982
276	8e-8	0.9999999
277	4e-8	0.99999995
278	2e-8	0.99999997
279	1e-8	0.99999998
280	1e-8	0.99999999
281	0	1
...
380	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 380
Erwartungswert: $\mu = 228$		
Standardabweichung: $\sigma = 9.55$		
1σ-Intervall: $p(219 \leq X \leq 237) = 0.68016294$		
2σ-Intervall: $p(209 \leq X \leq 247) = 0.9589918$		
3σ-Intervall: $p(200 \leq X \leq 256) = 0.99720271$		

p = 0.6		n = 390
k	p(X=k)	p(x≤k)
0	0	0
...
177	0	0
178	0	1e-8
179	1e-8	1e-8
180	1e-8	2e-8
181	2e-8	4e-8
182	3e-8	7e-8
183	5e-8	1.2e-7
184	9e-8	2.1e-7
185	1.5e-7	3.6e-7

186	2.4e-7	6e-7
187	4e-7	0.000001
188	6.4e-7	0.00000164
189	0.00000103	0.00000267
190	0.00000163	0.0000043
191	0.00000257	0.00000687
192	0.00000399	0.00001085
193	0.00000614	0.00001699
194	0.00000935	0.00002634
195	0.00001409	0.00004043
196	0.00002103	0.00006146
197	0.00003107	0.00009253
198	0.00004543	0.00013796
199	0.00006574	0.0002037
200	0.00009417	0.00029787
201	0.00013353	0.00043141
202	0.00018741	0.00061881
203	0.00026034	0.00087915
204	0.00035796	0.00123711
205	0.00048718	0.00172429
206	0.00065628	0.00238057
207	0.00087503	0.0032556
208	0.00115479	0.0044104
209	0.00150841	0.00591881
210	0.00195016	0.00786897
211	0.00249547	0.01036444
212	0.00316053	0.01352498
213	0.0039618	0.01748677
214	0.00491522	0.02240199
215	0.00603543	0.02843743
216	0.00733473	0.03577215
217	0.00882195	0.04459411
218	0.01050136	0.05509547
219	0.01237147	0.06746694
220	0.01442401	0.08189094
221	0.01664308	0.09853403
222	0.0190046	0.11753863
223	0.02147605	0.13901468
224	0.02401675	0.16303143
225	0.02657853	0.18960996
226	0.02910702	0.21871699
227	0.03154329	0.25026028
228	0.03382603	0.28408631
229	0.035894	0.31998031
230	0.0376887	0.35766901
231	0.03915709	0.3968261
232	0.04025416	0.43708026

233	0.04094522	0.47802548
234	0.04120769	0.51923318
235	0.04103234	0.56026551
236	0.04042381	0.60068932
237	0.03940042	0.64008974
238	0.03799326	0.67808301
239	0.03624462	0.71432763
240	0.03420586	0.74853349
241	0.03193493	0.78046842
242	0.02949362	0.80996204
243	0.02694479	0.83690684
244	0.0243497	0.86125654
245	0.02176565	0.88302219
246	0.01924402	0.90226621
247	0.01682878	0.91909498
248	0.01455554	0.93365052
249	0.01245112	0.94610164
250	0.01053365	0.95663529
251	0.00881301	0.9654483
252	0.00729172	0.97274002
253	0.00596595	0.97870597
254	0.00482678	0.98353276
255	0.00386143	0.98739419
256	0.00305445	0.99044863
257	0.00238889	0.99283752
258	0.00184722	0.99468474
259	0.00141216	0.99609691
260	0.00106727	0.99716417
261	0.00079738	0.99796156
262	0.00058891	0.99855047
263	0.00042993	0.99898039
264	0.00031023	0.99929062
265	0.00022126	0.99951188
266	0.00015596	0.99966784
267	0.00010865	0.99977649
268	0.0000748	0.99985129
269	0.00005088	0.99990217
270	0.00003421	0.99993638
271	0.00002272	0.9999591
272	0.00001491	0.99997401
273	0.00000967	0.99998367
274	0.00000619	0.99998986
275	0.00000392	0.99999378
276	0.00000245	0.99999623
277	0.00000151	0.99999774
278	9.2e-7	0.99999866
279	5.5e-7	0.99999922

280	3.3e-7	0.99999955
281	1.9e-7	0.99999974
282	1.1e-7	0.99999986
283	6e-8	0.99999992
284	4e-8	0.99999996
285	2e-8	0.99999998
286	1e-8	0.99999999
287	1e-8	0.99999999
288	0	1
...
390	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 390
Erwartungswert: $\mu = 234$		
Standardabweichung: $\sigma = 9.675$		
1 σ -Intervall: $p(225 \leq X \leq 243) = 0.6738754$		
2 σ -Intervall: $p(215 \leq X \leq 253) = 0.95630398$		
3 σ -Intervall: $p(205 \leq X \leq 263) = 0.99774328$		

p = 0.6		n = 400
k	p(X=k)	p(x≤k)
0	0	0
...
182	0	0
183	0	1e-8
184	0	1e-8
185	1e-8	2e-8
186	1e-8	3e-8
187	3e-8	6e-8
188	4e-8	1e-7
189	7e-8	1.7e-7
190	1.2e-7	2.9e-7
191	2e-7	4.9e-7
192	3.2e-7	8.1e-7
193	5.2e-7	0.00000133
194	8.3e-7	0.00000216
195	0.00000132	0.00000348
196	0.00000207	0.00000555
197	0.00000321	0.00000877
198	0.00000494	0.00001371
199	0.00000753	0.00002124
200	0.00001135	0.00003258
201	0.00001694	0.00004952

202	0.00002503	0.00007455
203	0.00003662	0.00011116
204	0.00005304	0.0001642
205	0.00007606	0.00024027
206	0.000108	0.00034827
207	0.00015183	0.0005001
208	0.00021133	0.00071143
209	0.0002912	0.00100263
210	0.00039729	0.00139992
211	0.00053662	0.00193654
212	0.0007176	0.00265414
213	0.00095006	0.0036042
214	0.00124529	0.00484949
215	0.00161598	0.00646547
216	0.00207609	0.00854156
217	0.00264055	0.01118211
218	0.00332492	0.01450703
219	0.00414476	0.0186518
220	0.00511501	0.02376681
221	0.00624911	0.03001592
222	0.00755805	0.03757397
223	0.00904932	0.04662329
224	0.01072587	0.05734915
225	0.01258502	0.06993417
226	0.01461755	0.08455173
227	0.01680697	0.10135869
228	0.01912898	0.12048768
229	0.02155143	0.14203911
230	0.02403453	0.16607364
231	0.02653162	0.19260526
232	0.02899037	0.22159564
233	0.0313544	0.25295003
234	0.03356528	0.28651532
235	0.03556492	0.32208023
236	0.03729795	0.35937819
237	0.03871433	0.39809252
238	0.03977166	0.43786418
239	0.04043729	0.47830147
240	0.04069002	0.51899149
241	0.04052118	0.55951267
242	0.03993513	0.59944781
243	0.03894908	0.63839689
244	0.03759225	0.67598914
245	0.03590443	0.71189357
246	0.03393407	0.74582764
247	0.03173591	0.77756355
248	0.02936851	0.80693207

249	0.02689165	0.83382372
250	0.02436384	0.85818755
251	0.02184009	0.88002764
252	0.01937008	0.89939773
253	0.01699667	0.9163944
254	0.01475499	0.93114938
255	0.01267193	0.94382131
256	0.01076619	0.9545875
257	0.00904863	0.96363613
258	0.00752299	0.97115911
259	0.00618686	0.97734597
260	0.00503277	0.98237874
261	0.00404936	0.9864281
262	0.00322248	0.98965058
263	0.00253633	0.99218691
264	0.0019743	0.99416121
265	0.00151984	0.99568104
266	0.00115702	0.99683806
267	0.00087101	0.99770908
268	0.00064839	0.99835746
269	0.00047725	0.99883472
270	0.00034733	0.99918205
271	0.00024993	0.99943197
272	0.0001778	0.99960977
273	0.00012504	0.99973481
274	0.00008694	0.99982175
275	0.00005975	0.9998815
276	0.00004059	0.99992209
277	0.00002726	0.99994935
278	0.00001809	0.99996744
279	0.00001186	0.9999793
280	0.00000769	0.99998699
281	0.00000493	0.99999192
282	0.00000312	0.99999504
283	0.00000195	0.99999699
284	0.00000121	0.99999819
285	7.4e-7	0.99999893
286	4.4e-7	0.99999937
287	2.6e-7	0.99999964
288	1.6e-7	0.99999979
289	9e-8	0.99999988
290	5e-8	0.99999993
291	3e-8	0.99999996
292	2e-8	0.99999998
293	1e-8	0.99999999
294	0	0.99999999
295	0	1

...
400	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 400
Erwartungswert: $\mu = 240$		
Standardabweichung: $\sigma = 9.798$		
1 σ -Intervall: $p(231 \leq X \leq 249) = 0.66775008$		
2 σ -Intervall: $p(221 \leq X \leq 259) = 0.95357916$		
3 σ -Intervall: $p(211 \leq X \leq 269) = 0.9974348$		

p = 0.6		n = 410
k	p(X=k)	p(x≤k)
0	0	0
...
187	0	0
188	0	1e-8
189	0	1e-8
190	1e-8	2e-8
191	1e-8	3e-8
192	2e-8	5e-8
193	3e-8	8e-8
194	6e-8	1.4e-7
195	1e-7	2.4e-7
196	1.6e-7	4e-7
197	2.6e-7	6.6e-7
198	4.2e-7	0.00000108
199	6.7e-7	0.00000176
200	0.00000107	0.00000282
201	0.00000167	0.00000449
202	0.00000259	0.00000708
203	0.00000398	0.00001107
204	0.00000606	0.00001713
205	0.00000914	0.00002627
206	0.00001364	0.00003991
207	0.00002017	0.00006008
208	0.00002952	0.0000896
209	0.0000428	0.0001324
210	0.00006145	0.00019384
211	0.00008737	0.00028121
212	0.00012301	0.00040422
213	0.00017153	0.00057575
214	0.00023685	0.0008126
215	0.00032388	0.00113647

216	0.00043858	0.00157506
217	0.00058815	0.0021632
218	0.00078105	0.00294425
219	0.00102713	0.00397138
220	0.0013376	0.00530899
221	0.00172497	0.00703395
222	0.00220283	0.00923678
223	0.00278564	0.01202242
224	0.00348827	0.01551069
225	0.00432545	0.01983614
226	0.00531112	0.02514725
227	0.00645757	0.03160482
228	0.00777457	0.0393794
229	0.00926838	0.04864777
230	0.01094072	0.05958849
231	0.01278785	0.07237634
232	0.01479973	0.08717607
233	0.01695935	0.10413542
234	0.01924234	0.12337776
235	0.02161693	0.14499469
236	0.02404425	0.16903894
237	0.02647911	0.19551805
238	0.02887113	0.22438918
239	0.03116633	0.2555555
240	0.03330901	0.28886451
241	0.03524397	0.32410849
242	0.03691879	0.36102728
243	0.03828615	0.39931343
244	0.03930607	0.4386195
245	0.0399478	0.4785673
246	0.04019139	0.51875869
247	0.04002867	0.55878736
248	0.03946375	0.59825111
249	0.03851281	0.63676392
250	0.03720338	0.6739673
251	0.03557295	0.70954025
252	0.03366726	0.74320751
253	0.0315381	0.77474561
254	0.02924104	0.80398665
255	0.02683295	0.8308196
256	0.02436977	0.85518937
257	0.02190435	0.87709371
258	0.01948468	0.89657839
259	0.01715254	0.91373093
260	0.0149425	0.92867343
261	0.01288146	0.94155489
262	0.01098858	0.95254347

263	0.00927553	0.961819
264	0.00774717	0.96956617
265	0.00640238	0.97596856
266	0.00523503	0.98120359
267	0.00423508	0.98543867
268	0.00338964	0.98882831
269	0.00268399	0.99151231
270	0.00210246	0.99361477
271	0.00162921	0.99524398
272	0.00124886	0.99649285
273	0.00094694	0.99743979
274	0.00071021	0.99814999
275	0.00052684	0.99867684
276	0.00038654	0.99906338
277	0.00028049	0.99934387
278	0.00020129	0.99954515
279	0.00014285	0.999688
280	0.00010025	0.99978825
281	0.00006957	0.99985782
282	0.00004774	0.99990555
283	0.00003239	0.99993794
284	0.00002172	0.99995966
285	0.00001441	0.99997407
286	0.00000944	0.99998351
287	0.00000612	0.99998963
288	0.00000392	0.99999355
289	0.00000248	0.99999604
290	0.00000155	0.99999759
291	9.6e-7	0.99999855
292	5.9e-7	0.99999914
293	3.5e-7	0.99999949
294	2.1e-7	0.99999971
295	1.2e-7	0.99999983
296	7e-8	0.9999999
297	4e-8	0.99999995
298	2e-8	0.99999997
299	1e-8	0.99999998
300	1e-8	0.99999999
301	0	1
...
410	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 410
Erwartungswert: $\mu = 246$		
Standardabweichung: $\sigma = 9.92$		
1σ-Intervall: $p(237 \leq X \leq 255) = 0.66178066$		

2 σ -Intervall:
 $p(227 \leq X \leq 265) = 0.9508213$

3 σ -Intervall:
 $p(217 \leq X \leq 275) = 0.99710178$

p = 0.6		n = 420
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	5e-8	1.2e-7
200	8e-8	2e-7
201	1.3e-7	3.3e-7
202	2.1e-7	5.4e-7
203	3.4e-7	8.8e-7
204	5.4e-7	0.00000142
205	8.6e-7	0.00000229
206	0.00000135	0.00000363
207	0.00000209	0.00000572
208	0.00000321	0.00000893
209	0.00000488	0.00001382
210	0.00000736	0.00002118
211	0.00001099	0.00003217
212	0.00001625	0.00004843
213	0.00002381	0.00007223
214	0.00003454	0.00010678
215	0.00004965	0.00015642
216	0.00007068	0.0002271
217	0.00009966	0.00032677
218	0.00013921	0.00046598
219	0.00019261	0.00065858
220	0.00026396	0.00092254
221	0.00035831	0.00128086
222	0.00048179	0.00176264
223	0.00064166	0.00240431
224	0.00084648	0.00325079
225	0.00110607	0.00435686
226	0.00143153	0.00578838
227	0.00183513	0.00762351
228	0.00233013	0.00995364
229	0.00293047	0.01288411
230	0.00365034	0.01653445

231	0.00450367	0.02103812
232	0.00550341	0.02654153
233	0.00666078	0.03320231
234	0.00798439	0.0411867
235	0.00947934	0.05066604
236	0.01114626	0.06181231
237	0.01298046	0.07479276
238	0.01497116	0.08976392
239	0.01710095	0.10686487
240	0.01934544	0.12621031
241	0.02167332	0.14788363
242	0.02404664	0.17193027
243	0.02642161	0.19835188
244	0.02874975	0.22710163
245	0.03097932	0.25808095
246	0.0330572	0.29113815
247	0.03493089	0.32606904
248	0.03655067	0.36261971
249	0.03787178	0.40049149
250	0.03885644	0.43934793
251	0.03947567	0.4788236
252	0.03971064	0.51853425
253	0.03955368	0.55808793
254	0.03900865	0.59709659
255	0.0380908	0.63518739
256	0.03682607	0.67201346
257	0.03524986	0.70726331
258	0.03340539	0.7406687
259	0.03134173	0.77201044
260	0.02911165	0.80112208
261	0.02676933	0.82789142
262	0.02436827	0.85225968
263	0.02195924	0.87421892
264	0.01958864	0.89380756
265	0.01729714	0.91110469
266	0.01511874	0.92622343
267	0.01308026	0.93930368
268	0.01120119	0.95050487
269	0.00949394	0.95999882
270	0.00796436	0.96796318
271	0.00661248	0.97457566
272	0.00543342	0.98000908
273	0.00441838	0.98442746
274	0.00355567	0.98798313
275	0.00283161	0.99081474
276	0.00223143	0.99304617
277	0.00174003	0.9947862

278	0.00134258	0.99612877
279	0.00102498	0.99715375
280	0.00077422	0.99792798
281	0.0005786	0.99850658
282	0.0004278	0.99893438
283	0.00031291	0.99924729
284	0.00022642	0.99947371
285	0.00016207	0.99963578
286	0.00011475	0.99975053
287	0.00008037	0.99983089
288	0.00005567	0.99988656
289	0.00003814	0.99992471
290	0.00002584	0.99995055
291	0.00001732	0.99996787
292	0.00001148	0.99997934
293	0.00000752	0.99998686
294	0.00000487	0.99999174
295	0.00000312	0.99999486
296	0.00000198	0.99999684
297	0.00000124	0.99999807
298	7.7e-7	0.99999884
299	4.7e-7	0.99999931
300	2.8e-7	0.99999959
301	1.7e-7	0.99999976
302	1e-7	0.99999986
303	6e-8	0.99999992
304	3e-8	0.99999996
305	2e-8	0.99999998
306	1e-8	0.99999999
307	1e-8	0.99999999
308	0	1
...
420	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 420
Erwartungswert: $\mu = 252$		
Standardabweichung: $\sigma = 10.04$		
1 σ -Intervall: $p(242 \leq X \leq 262) = 0.70437605$		
2 σ -Intervall: $p(232 \leq X \leq 272) = 0.95897096$		
3 σ -Intervall: $p(222 \leq X \leq 282) = 0.99765352$		

p = 0.6		n = 430
k	p(X=k)	p(x≤k)
0	0	0
...
198	0	0
199	0	1e-8
200	0	1e-8
201	1e-8	2e-8
202	1e-8	3e-8
203	2e-8	6e-8
204	4e-8	1e-7
205	6e-8	1.6e-7
206	1.1e-7	2.7e-7
207	1.7e-7	4.4e-7
208	2.8e-7	7.1e-7
209	4.4e-7	0.00000116
210	7e-7	0.00000185
211	0.00000109	0.00000294
212	0.00000169	0.00000463
213	0.00000259	0.00000721
214	0.00000394	0.00001115
215	0.00000593	0.00001708
216	0.00000886	0.00002594
217	0.0000131	0.00003905
218	0.0000192	0.00005825
219	0.00002789	0.00008614
220	0.00004012	0.00012625
221	0.00005718	0.00018344
222	0.00008075	0.00026419
223	0.00011298	0.00037716
224	0.0001566	0.00053377
225	0.00021507	0.00074884
226	0.00029263	0.00104147
227	0.00039447	0.00143593
228	0.00052682	0.00196276
229	0.00069706	0.00265982
230	0.00091376	0.00357358
231	0.0011867	0.00476028
232	0.00152685	0.00628713
233	0.00194625	0.00823338
234	0.00245776	0.01069114
235	0.00307481	0.01376595
236	0.00381095	0.0175769
237	0.00467926	0.02225616
238	0.00569179	0.02794795
239	0.00685873	0.03480668
240	0.00818761	0.04299428

241	0.00968244	0.05267672
242	0.01134286	0.06401958
243	0.01316331	0.07718289
244	0.01513242	0.09231531
245	0.01723243	0.10954773
246	0.01943902	0.12898675
247	0.02172133	0.15070808
248	0.02404236	0.17475044
249	0.0263597	0.20111014
250	0.02862663	0.22973677
251	0.03079359	0.26053035
252	0.03280983	0.29334019
253	0.0346254	0.32796558
254	0.03619308	0.36415866
255	0.03747048	0.40162915
256	0.03842188	0.44005103
257	0.03901989	0.47907092
258	0.03924675	0.51831767
259	0.03909522	0.55741289
260	0.03856894	0.59598183
261	0.03768229	0.63366412
262	0.03645978	0.6701239
263	0.03493484	0.70505874
264	0.0331484	0.73820714
265	0.03114699	0.76935413
266	0.02898075	0.79833488
267	0.02670137	0.82503625
268	0.02436002	0.84939626
269	0.02200552	0.87140178
270	0.01968271	0.89108449
271	0.01743118	0.90851567
272	0.01528433	0.9238
273	0.01326881	0.93706881
274	0.0114044	0.94847321
275	0.00970411	0.95817732
276	0.00817466	0.96635197
277	0.00681713	0.9731691
278	0.00562781	0.97879691
279	0.00459907	0.98339599
280	0.00372032	0.98711631
281	0.0029789	0.99009521
282	0.00236094	0.99245615
283	0.00185204	0.9943082
284	0.00143794	0.99574614
285	0.00110495	0.99685109
286	0.0008403	0.99769139
287	0.00063242	0.99832381

288	0.00047102	0.99879483
289	0.00034715	0.99914198
290	0.00025318	0.99939517
291	0.00018271	0.99957788
292	0.00013046	0.99970834
293	0.00009217	0.99980051
294	0.00006442	0.99986493
295	0.00004455	0.99990948
296	0.00003048	0.99993996
297	0.00002063	0.99996059
298	0.00001381	0.9999744
299	0.00000914	0.99998354
300	0.00000599	0.99998953
301	0.00000388	0.99999341
302	0.00000249	0.9999959
303	0.00000158	0.99999747
304	9.9e-7	0.99999846
305	6.1e-7	0.99999907
306	3.7e-7	0.99999945
307	2.3e-7	0.99999967
308	1.4e-7	0.99999981
309	8e-8	0.99999989
310	5e-8	0.99999994
311	3e-8	0.99999996
312	2e-8	0.99999998
313	1e-8	0.99999999
314	0	0.99999999
315	0	1
...
430	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 430
Erwartungswert: $\mu = 258$		
Standardabweichung: $\sigma = 10.159$		
1σ -Intervall: $p(248 \leq X \leq 268) = 0.69868818$		
2σ -Intervall: $p(238 \leq X \leq 278) = 0.95654076$		
3σ -Intervall: $p(228 \leq X \leq 288) = 0.99735889$		

p = 0.6		n = 440
k	p(X=k)	p(x≤k)
0	0	0
...
203	0	0

204	0	1e-8
205	0	1e-8
206	1e-8	2e-8
207	1e-8	3e-8
208	2e-8	5e-8
209	3e-8	8e-8
210	5e-8	1.3e-7
211	9e-8	2.2e-7
212	1.4e-7	3.6e-7
213	2.2e-7	5.8e-7
214	3.6e-7	9.4e-7
215	5.6e-7	0.0000015
216	8.8e-7	0.00000238
217	0.00000136	0.00000374
218	0.00000209	0.00000583
219	0.00000317	0.000009
220	0.00000478	0.00001378
221	0.00000714	0.00002092
222	0.00001057	0.00003149
223	0.00001549	0.00004698
224	0.00002252	0.0000695
225	0.00003242	0.00010192
226	0.00004627	0.00014819
227	0.00006543	0.00021362
228	0.00009168	0.0003053
229	0.00012731	0.00043261
230	0.0001752	0.00060781
231	0.0002389	0.00084671
232	0.00032283	0.00116954
233	0.00043229	0.00160183
234	0.00057361	0.00217544
235	0.00075424	0.00292968
236	0.00098275	0.00391242
237	0.00126886	0.00518128
238	0.0016234	0.00680468
239	0.00205811	0.00886279
240	0.0025855	0.01144829
241	0.00321847	0.01466676
242	0.00396989	0.01863665
243	0.00485209	0.02348874
244	0.00587619	0.02936493
245	0.00705143	0.03641637
246	0.00838433	0.04480069
247	0.00987789	0.05467858
248	0.01153084	0.06620943
249	0.01333688	0.07954631
250	0.01528406	0.09483037

251	0.01735442	0.11218479
252	0.01952372	0.13170851
253	0.02176161	0.15347012
254	0.02403202	0.17750214
255	0.02629386	0.203796
256	0.02850213	0.23229812
257	0.03060929	0.26290741
258	0.03256686	0.29547428
259	0.03432723	0.32980151
260	0.03584555	0.36564706
261	0.03708161	0.40272867
262	0.03800157	0.44073023
263	0.03857954	0.47930977
264	0.03879874	0.51810852
265	0.03865233	0.55676085
266	0.03814375	0.5949046
267	0.03728659	0.63219118
268	0.03610399	0.66829517
269	0.03462762	0.70292279
270	0.03289624	0.73581902
271	0.03095402	0.76677304
272	0.02884869	0.79562174
273	0.02662956	0.8222513
274	0.02434564	0.84659694
275	0.02204387	0.86864082
276	0.0197676	0.88840842
277	0.01755534	0.90596376
278	0.01543986	0.92140362
279	0.01344762	0.93485124
280	0.01159857	0.94644982
281	0.00990625	0.95635607
282	0.00837816	0.96473423
283	0.00701634	0.97175058
284	0.00581813	0.9775687
285	0.00477699	0.98234569
286	0.00388339	0.98622908
287	0.00312566	0.98935474
288	0.00249076	0.9918455
289	0.00196503	0.99381052
290	0.00153475	0.99534528
291	0.00118667	0.99653194
292	0.00090829	0.99744023
293	0.00068819	0.99812842
294	0.00051614	0.99864456
295	0.00038317	0.99902773
296	0.00028155	0.99930928
297	0.00020477	0.99951405

298	0.00014739	0.99966144
299	0.000105	0.99976644
300	0.00007402	0.99984046
301	0.00005164	0.9998921
302	0.00003565	0.99992776
303	0.00002436	0.99995212
304	0.00001647	0.99996858
305	0.00001101	0.99997959
306	0.00000729	0.99998688
307	0.00000477	0.99999165
308	0.00000309	0.99999475
309	0.00000198	0.99999673
310	0.00000126	0.99999798
311	7.9e-7	0.99999877
312	4.9e-7	0.99999926
313	3e-7	0.99999956
314	1.8e-7	0.99999974
315	1.1e-7	0.99999985
316	6e-8	0.99999991
317	4e-8	0.99999995
318	2e-8	0.99999997
319	1e-8	0.99999998
320	1e-8	0.99999999
321	0	1
...
440	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 440
Erwartungswert: $\mu = 264$		
Standardabweichung: $\sigma = 10.276$		
1 σ -Intervall: $p(254 \leq X \leq 274) = 0.69312682$		
2 σ -Intervall: $p(244 \leq X \leq 284) = 0.95407996$		
3 σ -Intervall: $p(234 \leq X \leq 294) = 0.99704273$		

p = 0.6		n = 450
k	p(X=k)	p(x≤k)
0	0	0
...
209	0	0
210	0	1e-8
211	1e-8	1e-8
212	1e-8	2e-8
213	2e-8	4e-8

214	3e-8	6e-8
215	4e-8	1.1e-7
216	7e-8	1.8e-7
217	1.1e-7	2.9e-7
218	1.8e-7	4.7e-7
219	2.9e-7	7.6e-7
220	4.5e-7	0.00000122
221	7.1e-7	0.00000192
222	0.0000011	0.00000302
223	0.00000168	0.00000471
224	0.00000256	0.00000727
225	0.00000386	0.00001112
226	0.00000576	0.00001688
227	0.00000852	0.0000254
228	0.0000125	0.00003791
229	0.00001818	0.00005609
230	0.00002621	0.0000823
231	0.00003744	0.00011974
232	0.00005301	0.00017275
233	0.0000744	0.00024715
234	0.00010349	0.00035064
235	0.00014268	0.00049332
236	0.00019498	0.0006883
237	0.00026409	0.0009524
238	0.00035452	0.00130692
239	0.00047171	0.00177863
240	0.00062207	0.0024007
241	0.00081308	0.00321377
242	0.0010533	0.00426708
243	0.00135239	0.00561947
244	0.00172097	0.00734044
245	0.00217053	0.00951097
246	0.00271316	0.01222414
247	0.00336125	0.01558538
248	0.00412702	0.0197124
249	0.00502203	0.02473443
250	0.00605657	0.030791
251	0.00723893	0.03802993
252	0.00857468	0.04660462
253	0.01006593	0.05667055
254	0.01171056	0.06838111
255	0.01350159	0.0818827
256	0.01542662	0.09730933
257	0.0174675	0.11477683
258	0.01960016	0.13437698
259	0.02179477	0.15617176
260	0.02401616	0.18018792

261	0.02622454	0.20641246
262	0.02837656	0.23478902
263	0.03042658	0.2652156
264	0.03232824	0.29754383
265	0.03403614	0.33157998
266	0.03550763	0.36708761
267	0.03670452	0.40379212
268	0.03759474	0.44138686
269	0.03815377	0.47954063
270	0.03836573	0.51790637
271	0.03822416	0.55613053
272	0.03773231	0.59386284
273	0.03690303	0.63076586
274	0.03575822	0.66652409
275	0.0343279	0.70085198
276	0.03264881	0.7335008
277	0.03076296	0.76426376
278	0.02871579	0.79297954
279	0.02655438	0.81953393
280	0.02432571	0.84385964
281	0.02207493	0.86593457
282	0.01984396	0.88577853
283	0.01767024	0.90344876
284	0.0155859	0.91903466
285	0.01361715	0.93265181
286	0.01178407	0.94443588
287	0.01010063	0.95453652
288	0.00857502	0.96311154
289	0.00721014	0.97032167
290	0.0060043	0.97632597
291	0.004952	0.98127798
292	0.0040447	0.98532268
293	0.00327165	0.98859433
294	0.00262066	0.99121499
295	0.00207876	0.99329375
296	0.00163281	0.99492656
297	0.00126996	0.99619652
298	0.00097804	0.99717456
299	0.0007458	0.99792036
300	0.00056308	0.99848344
301	0.00042091	0.99890435
302	0.0003115	0.99921584
303	0.00022823	0.99944407
304	0.00016554	0.99960961
305	0.00011886	0.99972847
306	0.00008449	0.99981296
307	0.00005944	0.9998724

308	0.0000414	0.9999138
309	0.00002854	0.99994233
310	0.00001947	0.9999618
311	0.00001315	0.99997495
312	0.00000879	0.99998373
313	0.00000581	0.99998954
314	0.0000038	0.99999335
315	0.00000246	0.99999581
316	0.00000158	0.99999739
317	0.000001	0.99999839
318	6.3e-7	0.99999901
319	3.9e-7	0.9999994
320	2.4e-7	0.99999964
321	1.5e-7	0.99999979
322	9e-8	0.99999988
323	5e-8	0.99999993
324	3e-8	0.99999996
325	2e-8	0.99999998
326	1e-8	0.99999999
327	1e-8	0.99999999
328	0	1
...
450	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 450
Erwartungswert: $\mu = 270$		
Standardabweichung: $\sigma = 10.392$		
1σ-Intervall: $p(260 \leq X \leq 280) = 0.68768788$		
2σ-Intervall: $p(250 \leq X \leq 290) = 0.95159154$		
3σ-Intervall: $p(239 \leq X \leq 301) = 0.99759743$		

p = 0.6		n = 460
k	p(X=k)	p(x≤k)
0	0	0
...
214	0	0
215	0	1e-8
216	0	1e-8
217	1e-8	2e-8
218	1e-8	3e-8
219	2e-8	5e-8
220	3e-8	9e-8
221	6e-8	1.4e-7

222	9e-8	2.4e-7
223	1.5e-7	3.8e-7
224	2.3e-7	6.2e-7
225	3.7e-7	9.8e-7
226	5.7e-7	0.00000156
227	8.9e-7	0.00000244
228	0.00000136	0.0000038
229	0.00000206	0.00000587
230	0.00000311	0.00000898
231	0.00000464	0.00001362
232	0.00000688	0.0000205
233	0.00001009	0.00003059
234	0.00001469	0.00004528
235	0.00002119	0.00006646
236	0.0000303	0.00009676
237	0.00004295	0.00013972
238	0.00006037	0.00020009
239	0.00008412	0.0002842
240	0.00011618	0.00040039
241	0.00015909	0.00055948
242	0.00021596	0.00077543
243	0.00029061	0.00106604
244	0.00038768	0.00145372
245	0.00051268	0.0019664
246	0.00067211	0.00263851
247	0.00087347	0.00351198
248	0.0011253	0.00463728
249	0.00143713	0.00607441
250	0.00181941	0.00789382
251	0.00228332	0.01017714
252	0.00284056	0.0130177
253	0.00350298	0.01652069
254	0.00428219	0.02080288
255	0.00518901	0.02599189
256	0.00623289	0.03222478
257	0.00742126	0.03964604
258	0.00875881	0.04840485
259	0.0102468	0.05865165
260	0.01188235	0.070534
261	0.01365787	0.08419186
262	0.01556059	0.09975245
263	0.01757222	0.11732467
264	0.01966891	0.13699358
265	0.02182135	0.15881493
266	0.02399528	0.18281022
267	0.02615216	0.20896238
268	0.02825019	0.23721257

269	0.03024556	0.26745813
270	0.0320939	0.29955203
271	0.03375189	0.33330392
272	0.0351789	0.36848281
273	0.03633864	0.40482145
274	0.03720069	0.44202214
275	0.03774179	0.47976393
276	0.03794691	0.51771084
277	0.03780991	0.55552075
278	0.03733389	0.59285464
279	0.03653101	0.62938565
280	0.03542203	0.66480769
281	0.03403541	0.69884309
282	0.03240605	0.73124915
283	0.03057391	0.76182305
284	0.0285823	0.79040535
285	0.02647623	0.81688159
286	0.02430074	0.84118232
287	0.02209928	0.8632816
288	0.01991237	0.88319397
289	0.01777644	0.90097041
290	0.01572296	0.91669337
291	0.01377785	0.93047122
292	0.01196125	0.94243247
293	0.01028749	0.95271996
294	0.00876536	0.96148532
295	0.00739856	0.96888388
296	0.0061863	0.97507017
297	0.005124	0.98019417
298	0.00420409	0.98439826
299	0.0034167	0.98781496
300	0.00275044	0.99056541
301	0.00219305	0.99275845
302	0.00173192	0.99449038
303	0.00135467	0.99584505
304	0.00104943	0.99689448
305	0.00080513	0.99769961
306	0.00061174	0.99831136
307	0.0004603	0.99877166
308	0.00034299	0.99911464
309	0.00025308	0.99936772
310	0.00018491	0.99955263
311	0.00013378	0.99968641
312	0.00009583	0.99978224
313	0.00006797	0.99985021
314	0.00004773	0.99989794
315	0.00003318	0.99993112

316	0.00002284	0.99995396
317	0.00001556	0.99996952
318	0.0000105	0.99998002
319	0.00000701	0.99998703
320	0.00000463	0.99999166
321	0.00000303	0.99999469
322	0.00000196	0.99999666
323	0.00000126	0.99999791
324	8e-7	0.99999871
325	5e-7	0.99999921
326	3.1e-7	0.99999952
327	1.9e-7	0.99999971
328	1.2e-7	0.99999983
329	7e-8	0.9999999
330	4e-8	0.99999994
331	2e-8	0.99999997
332	1e-8	0.99999998
333	1e-8	0.99999999
334	0	0.99999999
335	0	1
...
460	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 460
Erwartungswert: $\mu = 276$		
Standardabweichung: $\sigma = 10.507$		
1σ-Intervall: $p(266 \leq X \leq 286) = 0.68236739$		
2σ-Intervall: $p(255 \leq X \leq 297) = 0.9593913$		
3σ-Intervall: $p(245 \leq X \leq 307) = 0.99731794$		

p = 0.6		n = 470
k	p(X=k)	p(x≤k)
0	0	0
...
219	0	0
220	0	1e-8
221	0	1e-8
222	1e-8	2e-8
223	1e-8	3e-8
224	2e-8	4e-8
225	3e-8	7e-8
226	5e-8	1.2e-7
227	7e-8	1.9e-7

228	1.2e-7	3.1e-7
229	1.9e-7	5e-7
230	3e-7	8e-7
231	4.6e-7	0.00000126
232	7.2e-7	0.00000198
233	0.0000011	0.00000307
234	0.00000167	0.00000474
235	0.00000251	0.00000725
236	0.00000375	0.00001099
237	0.00000555	0.00001654
238	0.00000815	0.00002469
239	0.00001186	0.00003655
240	0.00001713	0.00005368
241	0.00002452	0.00007821
242	0.00003481	0.00011301
243	0.00004899	0.000162
244	0.00006836	0.00023036
245	0.00009459	0.00032495
246	0.00012977	0.00045472
247	0.00017653	0.00063126
248	0.00023811	0.00086936
249	0.00031843	0.00118779
250	0.00042224	0.00161003
251	0.00055513	0.00216516
252	0.00072366	0.00288882
253	0.00093532	0.00382414
254	0.00119861	0.00502274
255	0.00152294	0.00654568
256	0.00191854	0.00846422
257	0.00239631	0.01086054
258	0.00296753	0.01382806
259	0.00364353	0.01747159
260	0.00443529	0.02190688
261	0.00535294	0.02725982
262	0.00640514	0.03366496
263	0.00759849	0.04126345
264	0.00893686	0.05020032
265	0.01042072	0.06062103
266	0.01204651	0.07266754
267	0.01380611	0.08647365
268	0.01568642	0.10216008
269	0.01766909	0.11982917
270	0.01973049	0.13955965
271	0.02184187	0.16140152
272	0.02396984	0.18537136
273	0.02607708	0.21144844
274	0.02812327	0.23957171

275	0.03006634	0.26963805
276	0.03186378	0.30150183
277	0.03347422	0.33497606
278	0.03485895	0.36983501
279	0.03598343	0.40581844
280	0.03681876	0.4426372
281	0.03734287	0.47998007
282	0.0375415	0.51752158
283	0.03740885	0.55493043
284	0.03694782	0.59187825
285	0.03616998	0.62804823
286	0.03509499	0.66314322
287	0.03374989	0.69689311
288	0.03216786	0.72906097
289	0.03038694	0.75944792
290	0.02844847	0.78789638
291	0.02639548	0.81429187
292	0.02427119	0.83856306
293	0.02211743	0.86068049
294	0.0199734	0.88065389
295	0.0178745	0.89852838
296	0.01585154	0.91437992
297	0.01393014	0.92831006
298	0.01213044	0.9404405
299	0.01046707	0.95090757
300	0.00894934	0.95985691
301	0.00758167	0.96743858
302	0.00636408	0.97380267
303	0.0052929	0.97909557
304	0.00436142	0.98345699
305	0.00356064	0.98701762
306	0.00287993	0.98989755
307	0.00230769	0.99220524
308	0.00183192	0.99403716
309	0.00144063	0.9954778
310	0.0011223	0.9966001
311	0.00086608	0.99746618
312	0.00066205	0.99812824
313	0.0005013	0.99862954
314	0.00037598	0.99900551
315	0.0002793	0.99928481
316	0.00020549	0.9994903
317	0.00014975	0.99964005
318	0.00010807	0.99974812
319	0.00007724	0.99982536
320	0.00005467	0.99988003
321	0.00003832	0.99991836

322	0.0000266	0.99994496
323	0.00001828	0.99996324
324	0.00001244	0.99997568
325	0.00000838	0.99998406
326	0.00000559	0.99998966
327	0.00000369	0.99999335
328	0.00000242	0.99999577
329	0.00000156	0.99999733
330	0.000001	0.99999833
331	6.4e-7	0.99999897
332	4e-7	0.99999937
333	2.5e-7	0.99999962
334	1.5e-7	0.99999977
335	9e-8	0.99999986
336	6e-8	0.99999992
337	3e-8	0.99999995
338	2e-8	0.99999997
339	1e-8	0.99999998
340	1e-8	0.99999999
341	0	1
...
470	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 470
Erwartungswert: $\mu = 282$		
Standardabweichung: $\sigma = 10.621$		
1σ-Intervall: $p(272 \leq X \leq 292) = 0.67716154$		
2σ-Intervall: $p(261 \leq X \leq 303) = 0.95718869$		
3σ-Intervall: $p(251 \leq X \leq 313) = 0.99701951$		

p = 0.6		n = 480
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	2e-8
229	1e-8	4e-8
230	2e-8	6e-8
231	4e-8	1e-7
232	6e-8	1.6e-7
233	1e-7	2.5e-7

234	1.5e-7	4.1e-7
235	2.4e-7	6.5e-7
236	3.7e-7	0.00000102
237	5.8e-7	0.0000016
238	8.8e-7	0.00000248
239	0.00000134	0.00000383
240	0.00000202	0.00000585
241	0.00000302	0.00000887
242	0.00000448	0.00001335
243	0.00000658	0.00001993
244	0.00000959	0.00002952
245	0.00001385	0.00004337
246	0.00001985	0.00006322
247	0.00002821	0.00009142
248	0.00003975	0.00013117
249	0.00005555	0.00018673
250	0.000077	0.00026372
251	0.00010583	0.00036955
252	0.00014426	0.00051381
253	0.00019501	0.00070882
254	0.00026142	0.00097023
255	0.00034753	0.00131776
256	0.00045817	0.00177593
257	0.000599	0.00237493
258	0.00077662	0.00315155
259	0.00099851	0.00415006
260	0.0012731	0.00542315
261	0.00160966	0.00703281
262	0.00201822	0.00905104
263	0.00250935	0.01156038
264	0.00309391	0.01465429
265	0.00378274	0.01843704
266	0.00458622	0.02302326
267	0.00551377	0.02853703
268	0.00657332	0.03511035
269	0.00777069	0.04288105
270	0.00910898	0.05199003
271	0.01058793	0.06257795
272	0.01220336	0.07478132
273	0.0139467	0.08872802
274	0.01580457	0.10453258
275	0.01775858	0.12229117
276	0.01978538	0.14207655
277	0.02185677	0.16393332
278	0.02394024	0.18787357
279	0.02599962	0.21387318
280	0.02799602	0.2418692

281	0.02988899	0.27175819
282	0.03163781	0.303396
283	0.03320293	0.33659893
284	0.03454742	0.37114635
285	0.03563839	0.40678474
286	0.03644835	0.44323309
287	0.03695634	0.48018943
288	0.03714882	0.51733826
289	0.03702028	0.55435854
290	0.03657348	0.59093202
291	0.03581939	0.62675141
292	0.0347767	0.66152812
293	0.03347109	0.69499921
294	0.03193416	0.72693337
295	0.03020213	0.7571355
296	0.0283145	0.78545
297	0.02631247	0.81176247
298	0.02423749	0.83599996
299	0.02212988	0.85812984
300	0.02002754	0.87815738
301	0.01796491	0.89612229
302	0.01597211	0.9120944
303	0.01407443	0.92616883
304	0.01229198	0.93846081
305	0.01063962	0.94910043
306	0.00912712	0.95822755
307	0.00775954	0.96598709
308	0.00653766	0.97252475
309	0.00545863	0.97798338
310	0.00451658	0.98249996
311	0.0037033	0.98620326
312	0.00300893	0.9892122
313	0.00242253	0.99163473
314	0.00193262	0.99356735
315	0.00152769	0.99509504
316	0.00119653	0.99629157
317	0.00092854	0.99722011
318	0.00071392	0.99793403
319	0.00054383	0.99847787
320	0.00041043	0.99888829
321	0.00030686	0.99919515
322	0.00022729	0.99942244
323	0.00016677	0.99958921
324	0.00012122	0.99971043
325	0.00008728	0.9997977
326	0.00006224	0.99985995
327	0.00004397	0.99990392

328	0.00003077	0.99993468
329	0.00002132	0.99995601
330	0.00001463	0.99997064
331	0.00000995	0.99998059
332	0.0000067	0.99998728
333	0.00000446	0.99999175
334	0.00000295	0.9999947
335	0.00000193	0.99999662
336	0.00000125	0.99999787
337	8e-7	0.99999867
338	5.1e-7	0.99999918
339	3.2e-7	0.9999995
340	2e-7	0.99999969
341	1.2e-7	0.99999982
342	7e-8	0.99999989
343	4e-8	0.99999994
344	3e-8	0.99999996
345	2e-8	0.99999998
346	1e-8	0.99999999
347	1e-8	0.99999999
348	0	1
...
480	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 480
Erwartungswert: $\mu = 288$		
Standardabweichung: $\sigma = 10.733$		
1σ-Intervall: $p(278 \leq X \leq 298) = 0.67206663$		
2σ-Intervall: $p(267 \leq X \leq 309) = 0.95496012$		
3σ-Intervall: $p(256 \leq X \leq 320) = 0.99757053$		

p = 0.6		n = 490
k	p(X=k)	p(x≤k)
0	0	0
...
230	0	0
231	0	1e-8
232	0	1e-8
233	1e-8	2e-8
234	1e-8	3e-8
235	2e-8	5e-8
236	3e-8	8e-8
237	5e-8	1.3e-7

238	8e-8	2.1e-7
239	1.2e-7	3.3e-7
240	1.9e-7	5.2e-7
241	3e-7	8.3e-7
242	4.7e-7	0.00000129
243	7.1e-7	0.00000201
244	0.00000108	0.00000309
245	0.00000163	0.00000472
246	0.00000244	0.00000716
247	0.00000362	0.00001078
248	0.00000531	0.00001609
249	0.00000775	0.00002384
250	0.0000112	0.00003504
251	0.00001607	0.00005111
252	0.00002286	0.00007397
253	0.00003225	0.00010622
254	0.00004514	0.00015136
255	0.00006267	0.00021403
256	0.00008629	0.00030032
257	0.00011785	0.00041817
258	0.00015964	0.00057781
259	0.0002145	0.00079231
260	0.00028587	0.00107818
261	0.00037787	0.00145605
262	0.00049541	0.00195147
263	0.00064423	0.00259569
264	0.00083091	0.0034266
265	0.00106293	0.00448953
266	0.00134865	0.00583818
267	0.00169717	0.00753535
268	0.0021183	0.00965365
269	0.00262228	0.01227593
270	0.00321958	0.01549551
271	0.00392052	0.01941603
272	0.00473489	0.02415092
273	0.00567146	0.02982238
274	0.00673745	0.03655984
275	0.00793794	0.04449778
276	0.00927531	0.05377309
277	0.01074865	0.06452174
278	0.01235321	0.07687496
279	0.01408001	0.09095496
280	0.01591544	0.1068704
281	0.01784115	0.12471154
282	0.01983404	0.14454559
283	0.0218665	0.16641209
284	0.02390687	0.19031896

285	0.02592007	0.21623903
286	0.02786861	0.24410764
287	0.02971357	0.27382122
288	0.03141591	0.30523713
289	0.03293779	0.33817492
290	0.03424394	0.37241886
291	0.03530304	0.4077219
292	0.03608889	0.44381079
293	0.03658157	0.48039236
294	0.03676821	0.51716057
295	0.03664357	0.55380415
296	0.03621029	0.59001444
297	0.03547877	0.6254932
298	0.03446679	0.65995999
299	0.03319878	0.69315877
300	0.03170484	0.72486361
301	0.03001953	0.75488314
302	0.02818058	0.78306372
303	0.02622747	0.8092912
304	0.02420002	0.83349122
305	0.02213707	0.85562829
306	0.02007528	0.87570357
307	0.01804814	0.89375171
308	0.01608511	0.90983682
309	0.01421112	0.92404793
310	0.01244619	0.93649412
311	0.01080537	0.94729949
312	0.00929885	0.95659834
313	0.00793225	0.96453059
314	0.00670704	0.97123764
315	0.00562114	0.97685878
316	0.00466946	0.98152824
317	0.00384457	0.98537281
318	0.00313732	0.98851013
319	0.00253739	0.99104752
320	0.00203388	0.9930814
321	0.0016157	0.99469709
322	0.00127198	0.99596908
323	0.00099238	0.99696146
324	0.00076726	0.99772872
325	0.00058784	0.99831656
326	0.00044629	0.99876285
327	0.00033574	0.99909859
328	0.00025027	0.99934886
329	0.00018485	0.99953371
330	0.00013528	0.99966899
331	0.00009809	0.99976707

332	0.00007046	0.99983754
333	0.00005015	0.99988768
334	0.00003536	0.99992304
335	0.0000247	0.99994774
336	0.00001709	0.99996483
337	0.00001171	0.99997655
338	0.00000795	0.9999845
339	0.00000535	0.99998985
340	0.00000356	0.99999342
341	0.00000235	0.99999577
342	0.00000154	0.99999731
343	9.9e-7	0.9999983
344	6.4e-7	0.99999894
345	4e-7	0.99999934
346	2.5e-7	0.9999996
347	1.6e-7	0.99999976
348	1e-7	0.99999985
349	6e-8	0.99999991
350	4e-8	0.99999995
351	2e-8	0.99999997
352	1e-8	0.99999998
353	1e-8	0.99999999
354	0	0.99999999
355	0	1
...
490	0	1
k	p(X=k)	p(x≤k)
p = 0.6		n = 490
Erwartungswert: $\mu = 294$		
Standardabweichung: $\sigma = 10.844$		
1σ-Intervall: $p(284 \leq X \leq 304) = 0.66707913$		
2σ-Intervall: $p(273 \leq X \leq 315) = 0.95270786$		
3σ-Intervall: $p(262 \leq X \leq 326) = 0.9973068$		

p = 0.6		n = 500
k	p(X=k)	p(x≤k)
0	0	0
...
235	0	0
236	0	1e-8
237	0	1e-8
238	1e-8	1e-8
239	1e-8	2e-8

240	2e-8	4e-8
241	2e-8	6e-8
242	4e-8	1e-7
243	6e-8	1.7e-7
244	1e-7	2.7e-7
245	1.6e-7	4.2e-7
246	2.4e-7	6.7e-7
247	3.8e-7	0.00000105
248	5.8e-7	0.00000162
249	8.8e-7	0.0000025
250	0.00000132	0.00000382
251	0.00000197	0.00000579
252	0.00000292	0.00000871
253	0.00000429	0.000013
254	0.00000626	0.00001926
255	0.00000906	0.00002832
256	0.00001301	0.00004133
257	0.00001852	0.00005985
258	0.00002617	0.00008602
259	0.00003668	0.0001227
260	0.000051	0.00017369
261	0.00007034	0.00024403
262	0.00009625	0.00034028
263	0.00013065	0.00047093
264	0.00017593	0.00064686
265	0.00023502	0.00088188
266	0.00031144	0.00119332
267	0.00040942	0.00160274
268	0.00053393	0.00213667
269	0.00069073	0.0028274
270	0.00088644	0.00371384
271	0.00112849	0.00484233
272	0.00142514	0.00626747
273	0.00178534	0.00805281
274	0.00221864	0.01027145
275	0.00273498	0.01300643
276	0.0033444	0.01635084
277	0.00405675	0.02040759
278	0.00488123	0.02528882
279	0.00582599	0.03111481
280	0.00689755	0.03801236
281	0.00810033	0.04611269
282	0.00943602	0.05554872
283	0.01090311	0.06645183
284	0.01249634	0.07894817
285	0.01420637	0.09315454
286	0.01601942	0.10917396

287	0.01791719	0.12709116
288	0.01987689	0.14696804
289	0.02187145	0.1688395
290	0.02387005	0.19270955
291	0.02583871	0.21854826
292	0.02774122	0.24628948
293	0.02954014	0.27582963
294	0.03119801	0.30702763
295	0.03267859	0.33970622
296	0.0339482	0.37365442
297	0.03497693	0.40863135
298	0.03573985	0.4443712
299	0.03621798	0.48058918
300	0.03639907	0.51698824
301	0.03627814	0.55326638
302	0.0358577	0.58912408
303	0.03514764	0.62427172
304	0.0341649	0.65843662
305	0.03293272	0.69136934
306	0.03147981	0.72284914
307	0.02983916	0.75268831
308	0.02804688	0.78073518
309	0.02614078	0.80687596
310	0.02415914	0.8310351
311	0.0221394	0.8531745
312	0.02011705	0.87329156
313	0.01812463	0.89141619
314	0.01619095	0.90760714
315	0.01434056	0.9219477
316	0.01259337	0.93454107
317	0.01096457	0.94550564
318	0.0094647	0.95497034
319	0.00809989	0.96307023
320	0.00687225	0.96994248
321	0.0057804	0.97572287
322	0.00481999	0.98054286
323	0.00398432	0.98452718
324	0.00326493	0.98779212
325	0.00265213	0.99044425
326	0.00213553	0.99257978
327	0.00170451	0.99428429
328	0.00134854	0.99563282
329	0.00105752	0.99669034
330	0.00082198	0.99751232
331	0.00063325	0.99814556
332	0.00048352	0.99862908
333	0.00036591	0.99899499

334	0.00027443	0.99926941
335	0.00020398	0.99947339
336	0.00015025	0.99962364
337	0.00010968	0.99973332
338	0.00007934	0.99981266
339	0.00005687	0.99986953
340	0.0000404	0.99990993
341	0.00002843	0.99993836
342	0.00001983	0.99995819
343	0.0000137	0.99997189
344	0.00000938	0.99998127
345	0.00000636	0.99998763
346	0.00000427	0.9999919
347	0.00000285	0.99999475
348	0.00000188	0.99999662
349	0.00000123	0.99999785
350	7.9e-7	0.99999864
351	5.1e-7	0.99999915
352	3.2e-7	0.99999947
353	2e-7	0.99999968
354	1.3e-7	0.9999998
355	8e-8	0.99999988
356	5e-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
...
500	0	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 500
Erwartungswert: $\mu = 300$		
Standardabweichung: $\sigma = 10.954$		
1 σ -Intervall: $p(290 \leq X \leq 310) = 0.6621956$		
2 σ -Intervall: $p(279 \leq X \leq 321) = 0.95043405$		
3 σ -Intervall: $p(268 \leq X \leq 332) = 0.99702634$		

Michael Buhlmann, www.michael-buhlmann.de 12.2022