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Mathematik > Wahrscheinlichkeitstafeln > Binomialverteilung

Wahrscheinlichkeitstafel: Binomialverteilung B(100, 0.4) bis B(500, 0.4) (Schrittweite 10)

100- bis 500-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit p = 0.4, binomialverteilte Zufallsvariable X als Anzahl k des Auftretens von T mit p(X=k), p(X≤k) (kumuliert), Erwartungswert μ, Standardabweichung σ, 1σ-, 2σ-, 3σ-Intervalle

p = 0.4		n = 100
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
13	0	0
14	1e-8	1e-8
15	4e-8	5e-8
16	1.3e-7	1.8e-7
17	4.4e-7	6.3e-7
18	0.00000136	0.00000198
19	0.0000039	0.00000588
20	0.00001053	0.00001641
21	0.00002674	0.00004316
22	0.00006402	0.00010718
23	0.00014475	0.00025193
24	0.0003096	0.00056154
25	0.00062747	0.001189
26	0.00120666	0.00239566
27	0.00220477	0.00460043
28	0.0038321	0.00843253
29	0.00634278	0.01477532
30	0.0100075	0.02478282
31	0.01506506	0.03984788
32	0.02165603	0.06150391
33	0.02974969	0.0912536
34	0.03908293	0.13033653
35	0.04913282	0.17946935
36	0.05914136	0.23861071
37	0.06819905	0.30680976
38	0.0753779	0.38218766
39	0.07988768	0.46207534
40	0.08121914	0.54329449
41	0.07923819	0.62253268
42	0.07420719	0.69673987
43	0.06672895	0.76346882
44	0.05762955	0.82109837
45	0.04781118	0.86890955
46	0.03811036	0.90701991
47	0.02919091	0.93621082
48	0.02148776	0.95769858

49	0.01520222	0.9729008
50	0.01033751	0.98323831
51	0.00675654	0.98999486
52	0.0042445	0.99423935
53	0.00256271	0.99680207
54	0.00148701	0.99828907
55	0.00082912	0.99911819
56	0.00044417	0.99956236
57	0.00022858	0.99979094
58	0.00011298	0.99990392
59	0.00005362	0.99995753
60	0.00002442	0.99998196
61	0.00001068	0.99999264
62	0.00000448	0.99999711
63	0.0000018	0.99999891
64	6.9e-7	0.99999961
65	2.6e-7	0.99999986
66	9e-8	0.99999996
67	3e-8	0.99999999
68	1e-8	1
69	0	1
...	...	...
100	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 100**
Erwartungswert: μ = 40		
Standardabweichung: σ = 4.899		
1σ-Intervall: p(36≤X≤44) = 0.64162901		
2σ-Intervall: p(31≤X≤49) = 0.94811798		
3σ-Intervall: p(26≤X≤54) = 0.99710007		

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p = 0.4		**n = 110**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
15	0	0
16	0	1e-8
17	2e-8	2e-8
18	5e-8	7e-8
19	1.7e-7	2.5e-7
20	5.2e-7	7.7e-7
21	0.00000149	0.00000226
22	0.00000402	0.00000628

23	0.00001026	0.00001654
24	0.00002479	0.00004134
25	0.00005686	0.0000982
26	0.00012393	0.00022213
27	0.00025704	0.00047917
28	0.00050796	0.00098714
29	0.00095754	0.00194468
30	0.00172357	0.00366825
31	0.00296529	0.00663353
32	0.00488037	0.0115139
33	0.00769028	0.01920418
34	0.01161081	0.03081499
35	0.01680803	0.04762301
36	0.02334448	0.0709675
37	0.03112598	0.10209347
38	0.03986309	0.14195657
39	0.04906227	0.19101883
40	0.05805702	0.24907585
41	0.06608116	0.31515701
42	0.0723746	0.38753161
43	0.07630191	0.46383352
44	0.077458	0.54129151
45	0.07573671	0.61702822
46	0.07134617	0.68837439
47	0.06476816	0.75314255
48	0.05667214	0.80981468
49	0.04780507	0.85761975
50	0.03888146	0.89650121
51	0.03049526	0.92699647
52	0.02306693	0.95006339
53	0.0168287	0.9668921
54	0.01184242	0.97873451
55	0.00803849	0.98677301
56	0.0052633	0.9920363
57	0.00332419	0.99536049
58	0.00202508	0.99738557
59	0.00118988	0.99857545
60	0.00067426	0.99924971
61	0.00036845	0.99961816
62	0.00019413	0.99981229
63	0.00009861	0.9999109
64	0.00004828	0.99995917
65	0.00002278	0.99998195
66	0.00001035	0.9999923
67	0.00000453	0.99999684
68	0.00000191	0.99999875
69	7.8e-7	0.99999952

70	3e-7	0.99999982
71	1.1e-7	0.99999994
72	4e-8	0.99999998
73	1e-8	0.99999999
74	0	1
...	...	...
110	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 110**
Erwartungswert: μ = 44		
Standardabweichung: σ = 5.138		
1σ-Intervall: p(39≤X≤49) = 0.71566319		
2σ-Intervall: p(34≤X≤54) = 0.95953034		
3σ-Intervall: p(29≤X≤59) = 0.99758831		

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p = 0.4		**n = 120**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
18	0	0
19	1e-8	1e-8
20	2e-8	3e-8
21	7e-8	1e-7
22	2e-7	3e-7
23	5.7e-7	8.7e-7
24	0.00000154	0.00000241
25	0.00000395	0.00000636
26	0.00000962	0.00001598
27	0.00002233	0.00003831
28	0.00004944	0.00008775
29	0.00010456	0.00019232
30	0.00021145	0.00040377
31	0.00040926	0.00081303
32	0.00075884	0.00157186
33	0.00134904	0.00292091
34	0.00230131	0.00522222
35	0.00376977	0.00899198
36	0.00593389	0.01492587
37	0.00898102	0.02390689
38	0.01307763	0.03698452
39	0.01833103	0.05531556
40	0.0247469	0.08006245
41	0.03219108	0.11225354

42	0.0403666	0.15262014
43	0.04881542	0.20143556
44	0.05695132	0.25838688
45	0.06412297	0.32250986
46	0.06969888	0.39220874
47	0.07315911	0.46536785
48	0.07417521	0.53954306
49	0.07266143	0.61220449
50	0.06878615	0.68099065
51	0.06294158	0.74393223
52	0.05567909	0.79961132
53	0.04762488	0.8472362
54	0.03939342	0.88662962
55	0.03151474	0.91814436
56	0.0243864	0.94253076
57	0.01825415	0.96078491
58	0.01321852	0.97400343
59	0.00926043	0.98326386
60	0.00627652	0.98954038
61	0.00411575	0.99365613
62	0.00261107	0.9962672
63	0.00160256	0.99786975
64	0.00095152	0.99882127
65	0.00054651	0.99936779
66	0.00030362	0.99967141
67	0.00016314	0.99983454
68	0.00008477	0.99991931
69	0.00004259	0.9999619
70	0.00002069	0.99998259
71	0.00000971	0.9999923
72	0.00000441	0.99999671
73	0.00000193	0.99999864
74	8.2e-7	0.99999945
75	3.3e-7	0.99999979
76	1.3e-7	0.99999992
77	5e-8	0.99999997
78	2e-8	0.99999999
79	1e-8	1
80	0	1
...	...	...
120	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 120**

Erwartungswert:
μ = 48

Standardabweichung:
σ = 5.367

1σ-Intervall:
p(43≤X≤53) = 0.69461606

2σ-Intervall: p(38≤X≤58) = 0.95009654
3σ-Intervall: p(32≤X≤64) = 0.99800825

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p = 0.4		n = 130
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
21	0	0
22	1e-8	1e-8
23	3e-8	4e-8
24	8e-8	1.2e-7
25	2.2e-7	3.4e-7
26	5.9e-7	9.3e-7
27	0.00000152	0.00000245
28	0.00000374	0.00000619
29	0.00000877	0.00001496
30	0.00001968	0.00003464
31	0.00004232	0.00007695
32	0.00008728	0.00016423
33	0.00017279	0.00033702
34	0.00032864	0.00066566
35	0.00060094	0.00126659
36	0.00105721	0.0023238
37	0.00179058	0.00411438
38	0.00292148	0.00703586
39	0.00459446	0.01163032
40	0.00696826	0.01859858
41	0.01019746	0.02879604
42	0.01440593	0.04320197
43	0.0196546	0.06285657
44	0.02590834	0.08876491
45	0.03300915	0.12177406
46	0.04066344	0.1624375
47	0.04845006	0.21088756
48	0.05585215	0.26673971
49	0.06231124	0.32905095
50	0.06729614	0.39634709
51	0.07037505	0.46672214
52	0.07127729	0.53799943
53	0.06993244	0.60793187
54	0.06647898	0.67441085
55	0.06124125	0.7356521
56	0.05467968	0.79033178
57	0.04732511	0.83765689
58	0.03970957	0.87736646

59	0.03230609	0.90967256
60	0.02548592	0.93515847
61	0.01949742	0.9546559
62	0.01446583	0.96912173
63	0.01040927	0.979531
64	0.00726481	0.98679581
65	0.00491772	0.99171352
66	0.0032288	0.99494233
67	0.00205615	0.99699848
68	0.00126998	0.99826846
69	0.00076076	0.99902922
70	0.00044196	0.99947118
71	0.00024899	0.99972018
72	0.00013602	0.9998562
73	0.00007205	0.99992825
74	0.000037	0.99996525
75	0.00001842	0.99998366
76	0.00000889	0.99999255
77	0.00000415	0.9999967
78	0.00000188	0.99999859
79	8.3e-7	0.99999941
80	3.5e-7	0.99999976
81	1.4e-7	0.99999991
82	6e-8	0.99999996
83	2e-8	0.99999999
84	1e-8	1
85	0	1
...	...	...
130	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 130**
Erwartungswert: μ = 52		
Standardabweichung: σ = 5.586		
1σ-Intervall: p(47≤X≤57) = 0.67521939		
2σ-Intervall: p(41≤X≤63) = 0.96093242		
3σ-Intervall: p(36≤X≤68) = 0.99700186		

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p = 0.4		**n = 140**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
24	0	0
25	1e-8	2e-8

26	3e-8	5e-8
27	9e-8	1.3e-7
28	2.3e-7	3.6e-7
29	5.9e-7	9.5e-7
30	0.00000146	0.0000024
31	0.00000344	0.00000585
32	0.00000782	0.00001367
33	0.00001706	0.00003072
34	0.00003579	0.00006651
35	0.00007226	0.00013877
36	0.0001405	0.00027926
37	0.00026327	0.00054254
38	0.00047574	0.00101828
39	0.0008295	0.00184778
40	0.00139632	0.0032441
41	0.00227044	0.00551455
42	0.00356784	0.00908239
43	0.00542091	0.01450329
44	0.00796709	0.02247038
45	0.01133097	0.03380135
46	0.01560061	0.04940196
47	0.02080082	0.07020278
48	0.02686772	0.0970705
49	0.03363034	0.13070084
50	0.04080482	0.17150566
51	0.04800567	0.21951132
52	0.0547757	0.27428702
53	0.06063222	0.33491924
54	0.06512349	0.40004273
55	0.06788631	0.46792904
56	0.06869448	0.53662352
57	0.06748931	0.60411283
58	0.06438635	0.66849918
59	0.05965741	0.72815659
60	0.05369167	0.78184827
61	0.04694354	0.8287918
62	0.03987677	0.86866857
63	0.03291416	0.90158273
64	0.0263999	0.92798263
65	0.02057838	0.94856101
66	0.01558968	0.9641507
67	0.01147897	0.97562967
68	0.00821534	0.98384501
69	0.00571502	0.98956003
70	0.00386444	0.99342447
71	0.00254001	0.99596448
72	0.00162278	0.99758726

73	0.00100776	0.99859502
74	0.00060829	0.9992033
75	0.00035686	0.99956017
76	0.00020347	0.99976364
77	0.00011275	0.99987639
78	0.00006071	0.9999371
79	0.00003176	0.99996886
80	0.00001615	0.99998501
81	0.00000797	0.99999298
82	0.00000382	0.9999968
83	0.00000178	0.99999859
84	8.1e-7	0.99999939
85	3.5e-7	0.99999975
86	1.5e-7	0.9999999
87	6e-8	0.99999996
88	3e-8	0.99999998
89	1e-8	0.99999999
90	0	1
...	...	...
140	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 140**
Erwartungswert: μ = 56		
Standardabweichung: σ = 5.797		
1σ-Intervall: p(51≤X≤61) = 0.65728615		
2σ-Intervall: p(45≤X≤67) = 0.95315928		
3σ-Intervall: p(39≤X≤73) = 0.99757674		

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p = 0.4		**n = 150**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
26	0	0
27	0	1e-8
28	1e-8	2e-8
29	3e-8	5e-8
30	9e-8	1.4e-7
31	2.3e-7	3.7e-7
32	5.7e-7	9.4e-7
33	0.00000135	0.00000229
34	0.0000031	0.00000539
35	0.00000686	0.00001225
36	0.0000146	0.00002684

37	0.00002999	0.00005683
38	0.00005945	0.00011628
39	0.00011381	0.00023009
40	0.00021056	0.00044065
41	0.0003766	0.00081725
42	0.00065159	0.00146884
43	0.00109103	0.00255987
44	0.00176879	0.00432865
45	0.00277765	0.0071063
46	0.00422686	0.01133316
47	0.00623536	0.01756852
48	0.00892003	0.02648856
49	0.01237882	0.03886738
50	0.01667015	0.05553753
51	0.02179104	0.07732857
52	0.02765786	0.10498644
53	0.03409397	0.13908041
54	0.04082858	0.17990899
55	0.04750962	0.22741862
56	0.05373112	0.28114974
57	0.05907281	0.34022255
58	0.0631468	0.40336935
59	0.06564413	0.46901348
60	0.06637351	0.53538699
61	0.06528542	0.60067241
62	0.06247744	0.66314986
63	0.05818005	0.72132991
64	0.05272567	0.77405559
65	0.04650675	0.82056234
66	0.03993004	0.86049237
67	0.03337436	0.89386673
68	0.02715757	0.9210243
69	0.02151614	0.94254044
70	0.01659816	0.9591386
71	0.01246811	0.97160671
72	0.00912019	0.9807269
73	0.00649657	0.98722347
74	0.00450663	0.9917301
75	0.00304448	0.99477458
76	0.00200295	0.99677753
77	0.00128327	0.9980608
78	0.00080067	0.99886147
79	0.00048649	0.99934796
80	0.00028784	0.9996358
81	0.00016583	0.99980163
82	0.00009303	0.99989466
83	0.00005081	0.99994547

84	0.00002702	0.99997249
85	0.00001399	0.99998647
86	0.00000705	0.99999352
87	0.00000346	0.99999698
88	0.00000165	0.99999863
89	7.7e-7	0.99999939
90	3.5e-7	0.99999974
91	1.5e-7	0.99999989
92	7e-8	0.99999996
93	3e-8	0.99999998
94	1e-8	0.99999999
95	0	1
...	...	...
150	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 150**
Erwartungswert: μ = 60		
Standardabweichung: σ = 6		
1σ-Intervall: p(54≤X≤66) = 0.72141196		
2σ-Intervall: p(48≤X≤72) = 0.96315837		
3σ-Intervall: p(42≤X≤78) = 0.99804422		

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p = 0.4		**n = 160**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
29	0	0
30	0	1e-8
31	1e-8	2e-8
32	3e-8	5e-8
33	9e-8	1.4e-7
34	2.2e-7	3.6e-7
35	5.3e-7	9e-7
36	0.00000123	0.00000213
37	0.00000275	0.00000487
38	0.00000593	0.00001081
39	0.00001237	0.00002317
40	0.00002494	0.00004812
41	0.00004867	0.00009679
42	0.00009193	0.00018872
43	0.00016819	0.00035692
44	0.00029816	0.00065507
45	0.00051239	0.00116746

46	0.00085398	0.00202144
47	0.0013809	0.00340234
48	0.00216725	0.00556958
49	0.00330247	0.00887206
50	0.00488766	0.01375971
51	0.00702801	0.02078772
52	0.00982119	0.03060891
53	0.01334199	0.0439509
54	0.0176246	0.0615755
55	0.02264495	0.08422045
56	0.02830618	0.11252663
57	0.03443091	0.14695754
58	0.04076303	0.18772057
59	0.04698112	0.23470169
60	0.05272326	0.28742495
61	0.05762105	0.345046
62	0.06133854	0.40638454
63	0.06361033	0.46999487
64	0.06427294	0.53426781
65	0.06328413	0.59755194
66	0.06072719	0.65827913
67	0.05679956	0.7150787
68	0.05178784	0.76686653
69	0.04603363	0.81290017
70	0.03989582	0.85279598
71	0.03371477	0.88651075
72	0.02778347	0.91429423
73	0.02232827	0.93662249
74	0.01750053	0.95412303
75	0.01337819	0.96750122
76	0.00997496	0.97747618
77	0.00725452	0.9847307
78	0.00514637	0.98987707
79	0.0035612	0.99343827
80	0.00240381	0.99584208
81	0.00158276	0.99742483
82	0.00101657	0.9984414
83	0.00063689	0.99907828
84	0.00038921	0.99946749
85	0.000232	0.99969949
86	0.00013488	0.99983437
87	0.00007649	0.99991086
88	0.0000423	0.99995316
89	0.00002281	0.99997597
90	0.000012	0.99998797
91	0.00000615	0.99999412
92	0.00000308	0.9999972

93	0.0000015	0.9999987
94	7.1e-7	0.99999941
95	3.3e-7	0.99999974
96	1.5e-7	0.99999989
97	7e-8	0.99999995
98	3e-8	0.99999998
99	1e-8	0.99999999
100	0	1
...	...	...
160	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 160**
Erwartungswert: μ = 64		
Standardabweichung: σ = 6.197		
1σ-Intervall: p(58≤X≤70) = 0.70583844		
2σ-Intervall: p(52≤X≤76) = 0.95668846		
3σ-Intervall: p(46≤X≤82) = 0.99727394		

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p = 0.4		**n = 170**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
32	0	0
33	0	1e-8
34	1e-8	2e-8
35	3e-8	6e-8
36	9e-8	1.4e-7
37	2.1e-7	3.5e-7
38	4.9e-7	8.4e-7
39	0.0000011	0.00000194
40	0.0000024	0.00000434
41	0.00000508	0.00000942
42	0.00001039	0.00001981
43	0.00002063	0.00004044
44	0.00003969	0.00008014
45	0.0000741	0.00015423
46	0.00013423	0.00028847
47	0.0002361	0.00052456
48	0.00040334	0.0009279
49	0.00066948	0.00159738
50	0.0010801	0.00267748
51	0.00169427	0.00437175
52	0.00258485	0.0069566

53	0.00383663	0.01079323
54	0.0055418	0.01633503
55	0.00779211	0.02412713
56	0.01066776	0.0347949
57	0.01422368	0.04901858
58	0.01847444	0.06749302
59	0.02338008	0.0908731
60	0.02883544	0.11970854
61	0.03466555	0.15437409
62	0.04062952	0.19500361
63	0.04643373	0.24143734
64	0.05175427	0.29319161
65	0.05626618	0.34945779
66	0.05967625	0.40913403
67	0.06175453	0.47088856
68	0.06235996	0.53324852
69	0.06145619	0.59470471
70	0.05911501	0.65381972
71	0.05550705	0.70932677
72	0.05088146	0.76020823
73	0.04553775	0.80574597
74	0.03979425	0.84554022
75	0.03395776	0.87949798
76	0.02829813	0.90779611
77	0.02303051	0.93082662
78	0.01830631	0.94913292
79	0.01421249	0.96334541
80	0.01077781	0.97412322
81	0.00798356	0.98210678
82	0.00577672	0.9878835
83	0.00408314	0.99196665
84	0.00281931	0.99478596
85	0.00190166	0.99668761
86	0.00125303	0.99794064
87	0.00080655	0.99874719
88	0.00050715	0.99925434
89	0.00031151	0.99956584
90	0.0001869	0.99975275
91	0.00010954	0.99986229
92	0.00006271	0.999925
93	0.00003506	0.99996006
94	0.00001915	0.99997921
95	0.00001021	0.99998942
96	0.00000532	0.99999474
97	0.00000271	0.99999744
98	0.00000134	0.99999878
99	6.5e-7	0.99999944

100	3.1e-7	0.99999974
101	1.4e-7	0.99999989
102	6e-8	0.99999995
103	3e-8	0.99999998
104	1e-8	0.99999999
105	1e-8	1
106	0	1
...	...	...
170	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 170**
Erwartungswert: μ = 68		
Standardabweichung: σ = 6.387		
1σ-Intervall: p(62≤X≤74) = 0.69116613		
2σ-Intervall: p(56≤X≤80) = 0.94999609		
3σ-Intervall: p(49≤X≤87) = 0.99781929		

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p = 0.4		**n = 180**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
35	0	0
36	1e-8	1e-8
37	1e-8	2e-8
38	3e-8	6e-8
39	8e-8	1.4e-7
40	1.9e-7	3.3e-7
41	4.4e-7	7.7e-7
42	9.7e-7	0.00000174
43	0.00000208	0.00000382
44	0.00000431	0.00000812
45	0.00000868	0.0000168
46	0.00001698	0.00003378
47	0.00003227	0.00006605
48	0.00005962	0.00012567
49	0.00010707	0.00023274
50	0.00018701	0.00041975
51	0.0003178	0.00073754
52	0.00052558	0.00126313
53	0.00084622	0.00210935
54	0.0013268	0.00343615
55	0.00202638	0.00546253
56	0.00301544	0.00847797

57	0.00437328	0.01285125
58	0.00618291	0.01903416
59	0.00852333	0.02755749
60	0.01145915	0.03901664
61	0.01502839	0.05404502
62	0.01922987	0.0732749
63	0.02401191	0.0972868
64	0.02926451	0.12655131
65	0.03481726	0.16136857
66	0.04044429	0.20181287
67	0.04587711	0.24768998
68	0.05082464	0.29851462
69	0.05499865	0.35351327
70	0.05814143	0.41165469
71	0.06005218	0.47170687
72	0.06060822	0.53231509
73	0.05977797	0.59209305
74	0.05762381	0.64971686
75	0.05429443	0.70401129
76	0.05000803	0.75401931
77	0.04502887	0.79904819
78	0.0396408	0.83868899
79	0.0341212	0.87281019
80	0.02871867	0.90152886
81	0.02363677	0.92516563
82	0.01902472	0.94419035
83	0.01497528	0.95916563
84	0.01152859	0.97069422
85	0.00868035	0.97937456
86	0.0063925	0.98576707
87	0.00460456	0.99037163
88	0.00324412	0.99361576
89	0.00223565	0.99585141
90	0.00150699	0.9973584
91	0.00099362	0.99835202
92	0.00064081	0.99899284
93	0.00040424	0.99939708
94	0.00024943	0.9996465
95	0.00015053	0.99979704
96	0.00008885	0.99988589
97	0.0000513	0.99993719
98	0.00002896	0.99996615
99	0.00001599	0.99998215
100	0.00000864	0.99999078
101	0.00000456	0.99999534
102	0.00000235	0.9999977
103	0.00000119	0.99999889

104	5.9e-7	0.99999947
105	2.8e-7	0.99999976
106	1.3e-7	0.99999989
107	6e-8	0.99999995
108	3e-8	0.99999998
109	1e-8	0.99999999
110	1e-8	1
111	0	1
...	...	...
180	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 180**
Erwartungswert: μ = 72		
Standardabweichung: σ = 6.573		
1σ-Intervall: p(66≤X≤78) = 0.67732042		
2σ-Intervall: p(59≤X≤85) = 0.96034041		
3σ-Intervall: p(53≤X≤91) = 0.99708889		

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p = 0.4		**n = 190**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
38	0	0
39	1e-8	1e-8
40	1e-8	2e-8
41	3e-8	5e-8
42	8e-8	1.3e-7
43	1.8e-7	3.1e-7
44	3.9e-7	7e-7
45	8.5e-7	0.00000154
46	0.00000178	0.00000332
47	0.00000363	0.00000695
48	0.00000721	0.00001415
49	0.00001392	0.00002808
50	0.00002617	0.00005425
51	0.0000479	0.00010215
52	0.00008536	0.00018751
53	0.00014818	0.00033569
54	0.00025062	0.00058631
55	0.00041314	0.00099945
56	0.00066398	0.00166343
57	0.00104062	0.00270405
58	0.00159083	0.00429488

59	0.00237277	0.00666765
60	0.00345369	0.01012134
61	0.00490689	0.01502823
62	0.00680633	0.02183456
63	0.00921915	0.03105371
64	0.01219617	0.04324988
65	0.01576121	0.05901109
66	0.01990051	0.0789116
67	0.02455387	0.10346547
68	0.02960907	0.13307454
69	0.03490152	0.16797606
70	0.04021984	0.20819591
71	0.04531813	0.25351404
72	0.04993387	0.30344791
73	0.05381002	0.35725793
74	0.05671867	0.41397659
75	0.05848325	0.47245984
76	0.05899626	0.5314561
77	0.05823007	0.58968617
78	0.0562393	0.64592547
79	0.05315444	0.69907991
80	0.04916786	0.74824778
81	0.04451411	0.79276189
82	0.03944747	0.83220935
83	0.03421949	0.86642884
84	0.02905941	0.89548825
85	0.02415919	0.91964744
86	0.01966446	0.9393119
87	0.01567129	0.9549832
88	0.01222836	0.96721155
89	0.00934301	0.97655457
90	0.00698996	0.98354453
91	0.00512085	0.98866538
92	0.00367365	0.99233903
93	0.00258077	0.9949198
94	0.00177543	0.99669523
95	0.00119608	0.99789131
96	0.00078908	0.99868038
97	0.00050978	0.99919017
98	0.00032252	0.99951268
99	0.00019981	0.99971249
100	0.00012122	0.99983371
101	0.00007201	0.99990572
102	0.00004189	0.9999476
103	0.00002386	0.99997146
104	0.00001331	0.99998477
105	0.00000727	0.99999203

106	0.00000388	0.99999592
107	0.00000203	0.99999795
108	0.00000104	0.99999899
109	5.2e-7	0.99999951
110	2.6e-7	0.99999977
111	1.2e-7	0.99999989
112	6e-8	0.99999995
113	3e-8	0.99999998
114	1e-8	0.99999999
115	1e-8	1
116	0	1
...	...	...
190	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 190**
Erwartungswert: μ = 76		
Standardabweichung: σ = 6.753		
1σ-Intervall: p(70≤X≤82) = 0.66423329		
2σ-Intervall: p(63≤X≤89) = 0.95472001		
3σ-Intervall: p(56≤X≤96) = 0.99768093		

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p = 0.4		**n = 200**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
41	0	0
42	1e-8	1e-8
43	1e-8	2e-8
44	3e-8	5e-8
45	7e-8	1.2e-7
46	1.6e-7	2.8e-7
47	3.4e-7	6.2e-7
48	7.3e-7	0.00000135
49	0.00000151	0.00000286
50	0.00000304	0.0000059
51	0.00000596	0.00001186
52	0.00001138	0.00002324
53	0.00002118	0.00004442
54	0.00003845	0.00008287
55	0.00006804	0.00015091
56	0.00011745	0.00026835
57	0.00019781	0.00046616
58	0.00032513	0.00079129

59	0.00052168	0.00131297
60	0.00081729	0.00213026
61	0.0012505	0.00338076
62	0.00186903	0.0052498
63	0.00272938	0.00797918
64	0.00389506	0.01187424
65	0.0054331	0.01730734
66	0.00740878	0.02471612
67	0.00987837	0.03459449
68	0.01288062	0.04747511
69	0.01642746	0.06390257
70	0.02049521	0.08439778
71	0.02501763	0.10941541
72	0.02988217	0.13929758
73	0.03493075	0.17422833
74	0.03996582	0.21419415
75	0.04476171	0.25895586
76	0.04908083	0.30803669
77	0.05269284	0.36072952
78	0.05539503	0.41612455
79	0.05703117	0.47315573
80	0.05750643	0.53066216
81	0.05679648	0.58745863
82	0.05494944	0.64240807
83	0.05208059	0.69448866
84	0.04836055	0.74284921
85	0.04399862	0.78684782
86	0.03922357	0.8260714
87	0.03426427	0.86033567
88	0.02933229	0.88966796
89	0.02460836	0.91427632
90	0.02023354	0.93450987
91	0.01630542	0.95081529
92	0.01287892	0.96369421
93	0.00997078	0.97366498
94	0.00756648	0.98123146
95	0.0056284	0.98685985
96	0.00410404	0.99096389
97	0.00293347	0.99389736
98	0.00205543	0.99595279
99	0.00141181	0.9973646
100	0.00095062	0.99831521
101	0.00062747	0.99894268
102	0.00040601	0.99934869
103	0.00025753	0.99960623
104	0.00016013	0.99976636
105	0.0000976	0.99986397

106	0.00005832	0.99992228
107	0.00003415	0.99995644
108	0.00001961	0.99997604
109	0.00001103	0.99998708
110	0.00000608	0.99999316
111	0.00000329	0.99999645
112	0.00000174	0.99999819
113	9e-7	0.9999991
114	4.6e-7	0.99999956
115	2.3e-7	0.99999979
116	1.1e-7	0.9999999
117	5e-8	0.99999995
118	3e-8	0.99999998
119	1e-8	0.99999999
120	1e-8	1
121	0	1
...	...	...
200	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 200**
Erwartungswert: μ = 80		
Standardabweichung: σ = 6.928		
1σ-Intervall: p(74≤X≤86) = 0.65184307		
2σ-Intervall: p(67≤X≤93) = 0.94894886		
3σ-Intervall: p(60≤X≤100) = 0.99700225		

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p = 0.4		**n = 210**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
44	0	0
45	1e-8	1e-8
46	1e-8	2e-8
47	3e-8	5e-8
48	6e-8	1.1e-7
49	1.4e-7	2.5e-7
50	3e-7	5.5e-7
51	6.2e-7	0.00000117
52	0.00000127	0.00000245
53	0.00000253	0.00000498
54	0.00000491	0.00000988
55	0.00000928	0.00001916
56	0.00001712	0.00003628

57	0.00003083	0.00006711
58	0.00005422	0.00012133
59	0.00009313	0.00021446
60	0.00015624	0.0003707
61	0.00025614	0.00062684
62	0.00041037	0.00103721
63	0.00064269	0.0016799
64	0.00098413	0.00266403
65	0.00147367	0.00413769
66	0.0021584	0.00629609
67	0.00309263	0.00938873
68	0.00433575	0.01372448
69	0.00594857	0.01967304
70	0.00798807	0.02766111
71	0.01050075	0.03816187
72	0.01351486	0.05167673
73	0.01703242	0.06870915
74	0.021022	0.08973115
75	0.02541326	0.11514442
76	0.03009465	0.14523907
77	0.03491501	0.18015408
78	0.03968971	0.2198438
79	0.04421133	0.26405512
80	0.04826403	0.31231915
81	0.05164053	0.36395968
82	0.05415958	0.41811926
83	0.05568214	0.47380139
84	0.05612406	0.52992545
85	0.05546377	0.58538922
86	0.05374397	0.63913319
87	0.05106706	0.69020026
88	0.04758522	0.73778548
89	0.04348612	0.78127159
90	0.03897645	0.82024804
91	0.03426501	0.85451305
92	0.02954736	0.88406041
93	0.02499347	0.90905388
94	0.02073926	0.92979314
95	0.01688249	0.94667562
96	0.01348254	0.96015817
97	0.01056364	0.97072181
98	0.00812035	0.97884215
99	0.00612444	0.98496659
100	0.00453208	0.98949868
101	0.00329062	0.9927893
102	0.0023443	0.9951336
103	0.00163873	0.99677233

104	0.001124	0.99789634
105	0.00075647	0.99865281
106	0.00049956	0.99915236
107	0.0003237	0.99947607
108	0.00020581	0.99968187
109	0.00012839	0.99981027
110	0.00007859	0.99988886
111	0.0000472	0.99993607
112	0.00002782	0.99996388
113	0.00001608	0.99997996
114	0.00000912	0.99998909
115	0.00000508	0.99999416
116	0.00000277	0.99999694
117	0.00000148	0.99999842
118	7.8e-7	0.9999992
119	4e-7	0.9999996
120	2e-7	0.99999981
121	1e-7	0.99999991
122	5e-8	0.99999996
123	2e-8	0.99999998
124	1e-8	0.99999999
125	1e-8	1
126	0	1
...	...	...
210	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 210**
Erwartungswert: μ = 84		
Standardabweichung: σ = 7.099		
1σ-Intervall: p(77≤X≤91) = 0.70927398		
2σ-Intervall: p(70≤X≤98) = 0.95916911		
3σ-Intervall: p(63≤X≤105) = 0.9976156		

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p = 0.4		**n = 220**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
47	0	0
48	0	1e-8
49	1e-8	2e-8
50	3e-8	4e-8
51	6e-8	1e-7
52	1.2e-7	2.2e-7

53	2.6e-7	4.8e-7
54	5.3e-7	0.00000101
55	0.00000107	0.00000208
56	0.0000021	0.00000418
57	0.00000403	0.00000821
58	0.00000755	0.00001575
59	0.00001381	0.00002956
60	0.00002471	0.00005427
61	0.00004321	0.00009748
62	0.00007387	0.00017135
63	0.0001235	0.00029485
64	0.00020198	0.00049683
65	0.00032317	0.00081999
66	0.00050597	0.00132596
67	0.00077531	0.00210127
68	0.00116297	0.00326423
69	0.00170793	0.00497217
70	0.00245617	0.00742833
71	0.00345939	0.01088773
72	0.00477268	0.0156604
73	0.00645074	0.02211115
74	0.00854288	0.03065403
75	0.01108676	0.04174078
76	0.01410158	0.05584236
77	0.01758119	0.07342354
78	0.02148812	0.09491166
79	0.02574947	0.12066113
80	0.03025563	0.15091676
81	0.03486245	0.18577921
82	0.03939741	0.22517662
83	0.04366941	0.26884603
84	0.04748182	0.31632786
85	0.05064728	0.36697514
86	0.05300297	0.4199781
87	0.0544245	0.47440261
88	0.05483681	0.52923941
89	0.05422066	0.58346008
90	0.05261413	0.63607421
91	0.05010869	0.6861829
92	0.04684073	0.73302363
93	0.04297931	0.77600294
94	0.03871186	0.8147148
95	0.03422944	0.84894424
96	0.02971305	0.87865729
97	0.02532246	0.90397976
98	0.02118818	0.92516794
99	0.01740713	0.94257507

100	0.01404175	0.95661682
101	0.01112218	0.96773899
102	0.00865058	0.97638958
103	0.00660692	0.98299649
104	0.00495519	0.98795168
105	0.00364954	0.99160122
106	0.0026396	0.99424082
107	0.00187486	0.99611568
108	0.00130777	0.99742345
109	0.00089584	0.99831929
110	0.00060266	0.99892195
111	0.00039815	0.9993201
112	0.00025833	0.99957842
113	0.0001646	0.99974302
114	0.00010299	0.99984601
115	0.00006329	0.9999093
116	0.00003819	0.99994749
117	0.00002263	0.99997013
118	0.00001317	0.9999833
119	0.00000753	0.99999082
120	0.00000422	0.99999504
121	0.00000233	0.99999737
122	0.00000126	0.99999863
123	6.7e-7	0.9999993
124	3.5e-7	0.99999965
125	1.8e-7	0.99999983
126	9e-8	0.99999992
127	4e-8	0.99999996
128	2e-8	0.99999998
129	1e-8	0.99999999
130	0	1
...	...	...
220	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 220**

Erwartungswert:
μ = 88

Standardabweichung:
σ = 7.266

1σ-Intervall:
p(81≤X≤95) = 0.69802748

2σ-Intervall:
p(74≤X≤102) = 0.95427843

3σ-Intervall:
p(67≤X≤109) = 0.99699333

p = 0.4		n = 230
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
50	0	0
51	0	1e-8
52	1e-8	2e-8
53	2e-8	4e-8
54	5e-8	9e-8
55	1.1e-7	2e-7
56	2.2e-7	4.2e-7
57	4.5e-7	8.7e-7
58	8.9e-7	0.00000176
59	0.00000174	0.00000349
60	0.0000033	0.00000679
61	0.00000613	0.00001292
62	0.00001113	0.00002405
63	0.00001979	0.00004384
64	0.00003443	0.00007827
65	0.00005861	0.00013688
66	0.00009769	0.00023457
67	0.00015941	0.00039398
68	0.00025475	0.00064873
69	0.00039873	0.00104746
70	0.00061139	0.00165886
71	0.00091853	0.00257738
72	0.00135227	0.00392965
73	0.00195123	0.00588088
74	0.00275984	0.00864072
75	0.00382698	0.0124677
76	0.00520335	0.01767105
77	0.0069378	0.02460886
78	0.00907251	0.03368137
79	0.01163731	0.04531868
80	0.01464362	0.0599623
81	0.01807854	0.07804084
82	0.02190002	0.09994086
83	0.02603376	0.12597462
84	0.03037272	0.15634733
85	0.03477974	0.19112708
86	0.03909351	0.23022058
87	0.04313766	0.27335825
88	0.04673247	0.32009071
89	0.04970794	0.36979866
90	0.05191719	0.42171585
91	0.0532484	0.47496424
92	0.05363425	0.5285985

93	0.05305754	0.58165604
94	0.05155236	0.6332084
95	0.04920085	0.68240925
96	0.0461258	0.72853505
97	0.04248012	0.77101517
98	0.03843439	0.80944956
99	0.0341639	0.84361346
100	0.02983648	0.87344994
101	0.02560226	0.89905219
102	0.02158622	0.92063841
103	0.01788373	0.93852214
104	0.01455919	0.95308132
105	0.01164735	0.96472867
106	0.00915672	0.97388539
107	0.00707435	0.98095975
108	0.00537127	0.98633101
109	0.00400792	0.99033893
110	0.00293914	0.99327807
111	0.0021183	0.99539637
112	0.00150046	0.99689683
113	0.00104457	0.9979414
114	0.00071471	0.99865611
115	0.00048061	0.99913672
116	0.00031765	0.99945437
117	0.00020633	0.9996607
118	0.00013173	0.99979243
119	0.00008265	0.99987508
120	0.00005097	0.99992605
121	0.00003089	0.99995694
122	0.0000184	0.99997534
123	0.00001077	0.99998611
124	0.0000062	0.99999231
125	0.0000035	0.99999581
126	0.00000195	0.99999776
127	0.00000106	0.99999882
128	5.7e-7	0.99999939
129	3e-7	0.99999969
130	1.6e-7	0.99999984
131	8e-8	0.99999992
132	4e-8	0.99999996
133	2e-8	0.99999998
134	1e-8	0.99999999
135	0	1
...	...	...
230	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 230**

Erwartungswert: μ = 92
Standardabweichung: σ = 7.43
1σ-Intervall: p(85≤X≤99) = 0.68726613
2σ-Intervall: p(78≤X≤106) = 0.94927654
3σ-Intervall: p(70≤X≤114) = 0.99760865

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p = 0.4		**n = 240**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
53	0	0
54	0	1e-8
55	1e-8	2e-8
56	2e-8	4e-8
57	4e-8	8e-8
58	9e-8	1.7e-7
59	1.9e-7	3.6e-7
60	3.8e-7	7.4e-7
61	7.4e-7	0.00000148
62	0.00000143	0.00000291
63	0.00000269	0.0000056
64	0.00000497	0.00001057
65	0.00000896	0.00001953
66	0.00001584	0.00003538
67	0.00002743	0.00006281
68	0.00004653	0.00010933
69	0.00007732	0.00018665
70	0.00012592	0.00031257
71	0.000201	0.00051357
72	0.00031453	0.0008281
73	0.00048256	0.00131066
74	0.00072601	0.00203667
75	0.00107127	0.00310794
76	0.00155053	0.00465847
77	0.00220161	0.00686008
78	0.00306721	0.00992729
79	0.00419314	0.01412043
80	0.0056258	0.01974623
81	0.00740846	0.02715468
82	0.00957679	0.03673147
83	0.01215367	0.04888514
84	0.01514386	0.06402901
85	0.01852896	0.08255797

86	0.02226348	0.10482145
87	0.02627261	0.13109406
88	0.03045235	0.16154641
89	0.03467234	0.19621875
90	0.03878165	0.2350004
91	0.0426172	0.2776176
92	0.04601422	0.32363182
93	0.04881795	0.37244977
94	0.05089531	0.42334508
95	0.05214537	0.47549046
96	0.0525075	0.52799795
97	0.05196618	0.57996414
98	0.05055214	0.63051627
99	0.04833942	0.67885569
100	0.04543905	0.72429474
101	0.04198988	0.76628462
102	0.03814767	0.80443229
103	0.03407365	0.83850594
104	0.02992365	0.86842959
105	0.02583884	0.89426842
106	0.02193863	0.91620706
107	0.01831637	0.93452343
108	0.01503751	0.94956094
109	0.01214038	0.96170131
110	0.00963872	0.97134004
111	0.00752573	0.97886577
112	0.00577869	0.98464445
113	0.00436384	0.9890083
114	0.00324098	0.99224928
115	0.00236733	0.99461661
116	0.00170067	0.99631728
117	0.00120161	0.99751889
118	0.00083502	0.9983539
119	0.00057071	0.99892462
120	0.00038365	0.99930826
121	0.00025365	0.99956191
122	0.00016494	0.99972685
123	0.00010549	0.99983234
124	0.00006636	0.9998987
125	0.00004105	0.99993975
126	0.00002498	0.99996473
127	0.00001495	0.99997968
128	0.0000088	0.99998848
129	0.00000509	0.99999357
130	0.0000029	0.99999647
131	0.00000162	0.99999809
132	8.9e-7	0.99999899

133	4.8e-7	0.99999947
134	2.6e-7	0.99999973
135	1.3e-7	0.99999986
136	7e-8	0.99999993
137	4e-8	0.99999997
138	2e-8	0.99999998
139	1e-8	0.99999999
140	0	1
...	...	...
240	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 240**
Erwartungswert: μ = 96		
Standardabweichung: σ = 7.589		
1σ-Intervall: p(89≤X≤103) = 0.67695953		
2σ-Intervall: p(81≤X≤111) = 0.95911954		
3σ-Intervall: p(74≤X≤118) = 0.99704325		

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p = 0.4		**n = 250**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
56	0	0
57	0	1e-8
58	1e-8	1e-8
59	2e-8	3e-8
60	4e-8	7e-8
61	8e-8	1.5e-7
62	1.6e-7	3.1e-7
63	3.2e-7	6.2e-7
64	6.2e-7	0.00000124
65	0.00000117	0.00000241
66	0.0000022	0.00000461
67	0.00000402	0.00000863
68	0.00000721	0.00001584
69	0.00001268	0.00002852
70	0.00002186	0.00005038
71	0.00003695	0.00008733
72	0.00006123	0.00014856
73	0.00009954	0.0002481
74	0.00015872	0.00040682
75	0.00024831	0.00065514
76	0.00038119	0.00103632

77	0.00057425	0.00161057
78	0.00084911	0.00245968
79	0.00123246	0.00369215
80	0.00175626	0.00544841
81	0.00245732	0.00790572
82	0.00337631	0.01128204
83	0.00455599	0.01583803
84	0.00603849	0.02187652
85	0.00786188	0.0297384
86	0.0100559	0.0397943
87	0.01263729	0.05243159
88	0.01560514	0.06803674
89	0.01893658	0.08697332
90	0.02258362	0.10955694
91	0.02647165	0.13602859
92	0.03049994	0.16652853
93	0.03454474	0.20107327
94	0.03846471	0.23953798
95	0.04210873	0.28164671
96	0.04532537	0.32697208
97	0.04797325	0.37494533
98	0.04993134	0.42487666
99	0.05110817	0.47598483
100	0.05144889	0.52743372
101	0.0509395	0.57837322
102	0.04960774	0.62798097
103	0.04752069	0.67550165
104	0.04477911	0.72028076
105	0.04150952	0.76179029
106	0.0378546	0.79964488
107	0.033963	0.83360789
108	0.02997969	0.86358757
109	0.0260374	0.88962498
110	0.02225015	0.91187512
111	0.01870883	0.93058396
112	0.01547933	0.94606329
113	0.01260264	0.95866593
114	0.01009685	0.96876278
115	0.00796042	0.9767232
116	0.00617619	0.98289938
117	0.00471572	0.9876151
118	0.00354345	0.99115855
119	0.00262037	0.99377892
120	0.00190704	0.99568597
121	0.00136593	0.99705189
122	0.00096287	0.99801476
123	0.00066801	0.99868277

124	0.00045611	0.99913888
125	0.00030651	0.99944538
126	0.00020272	0.9996481
127	0.00013195	0.99978005
128	0.00008453	0.99986458
129	0.0000533	0.99991788
130	0.00003307	0.99995095
131	0.0000202	0.99997115
132	0.00001214	0.99998328
133	0.00000718	0.99999046
134	0.00000418	0.99999464
135	0.00000239	0.99999704
136	0.00000135	0.99999839
137	7.5e-7	0.99999913
138	4.1e-7	0.99999954
139	2.2e-7	0.99999976
140	1.2e-7	0.99999988
141	6e-8	0.99999994
142	3e-8	0.99999997
143	2e-8	0.99999999
144	1e-8	0.99999999
145	0	1
...	...	...
250	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 250**
Erwartungswert: μ = 100		
Standardabweichung: σ = 7.746		
1σ-Intervall: p(93≤X≤107) = 0.66707935		
2σ-Intervall: p(85≤X≤115) = 0.95484668		
3σ-Intervall: p(77≤X≤123) = 0.99764644		

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p = 0.4		**n = 260**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
59	0	0
60	0	1e-8
61	1e-8	1e-8
62	2e-8	3e-8
63	3e-8	6e-8
64	7e-8	1.3e-7
65	1.3e-7	2.6e-7

66	2.6e-7	5.3e-7
67	5.1e-7	0.00000103
68	9.6e-7	0.000002
69	0.00000179	0.00000378
70	0.00000325	0.00000703
71	0.0000058	0.00001283
72	0.00001015	0.00002298
73	0.00001742	0.0000404
74	0.00002935	0.00006975
75	0.00004852	0.00011827
76	0.00007874	0.00019701
77	0.00012544	0.00032244
78	0.0001962	0.00051864
79	0.00030133	0.00081998
80	0.00045451	0.00127449
81	0.00067335	0.00194784
82	0.00097992	0.00292776
83	0.00140101	0.00432877
84	0.00196808	0.00629686
85	0.00271673	0.00901358
86	0.00368548	0.01269907
87	0.00491398	0.01761305
88	0.00644029	0.02405334
89	0.0082976	0.03235094
90	0.0105103	0.04286124
91	0.01308975	0.05595098
92	0.0160302	0.07198118
93	0.01930518	0.09128637
94	0.02286501	0.11415137
95	0.02663573	0.1407871
96	0.0305201	0.1713072
97	0.03440066	0.20570786
98	0.03814495	0.24385282
99	0.04161268	0.2854655
100	0.04466427	0.33012977
101	0.04717019	0.37729996
102	0.04902	0.42631996
103	0.05013049	0.47645045
104	0.05045184	0.52690229
105	0.04997134	0.57687363
106	0.0487142	0.62558783
107	0.04674135	0.67232918
108	0.04414461	0.7164738
109	0.04103964	0.75751343
110	0.03755749	0.79507092
111	0.03383557	0.8289065
112	0.03000893	0.85891543

113	0.02620249	0.88511792
114	0.02252495	0.90764286
115	0.01906459	0.92670746
116	0.01588716	0.94259462
117	0.01303562	0.95563024
118	0.0105316	0.96616184
119	0.00837808	0.97453992
120	0.00656283	0.98110275
121	0.00506224	0.98616499
122	0.00384509	0.99001008
123	0.002876	0.99288608
124	0.00211834	0.99500442
125	0.00153651	0.99654093
126	0.0010975	0.99763843
127	0.000772	0.99841043
128	0.00053477	0.9989452
129	0.0003648	0.99931
130	0.00024507	0.99955508
131	0.00016214	0.99971721
132	0.00010563	0.99982284
133	0.00006777	0.99989062
134	0.00004282	0.99993344
135	0.00002665	0.99996009
136	0.00001633	0.99997641
137	0.00000985	0.99998627
138	0.00000585	0.99999212
139	0.00000343	0.99999554
140	0.00000197	0.99999752
141	0.00000112	0.99999864
142	6.3e-7	0.99999926
143	3.4e-7	0.99999961
144	1.9e-7	0.99999979
145	1e-7	0.99999989
146	5e-8	0.99999995
147	3e-8	0.99999997
148	1e-8	0.99999999
149	1e-8	0.99999999
150	0	1
...	...	...
260	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 260**

Erwartungswert:
μ = 104

Standardabweichung:
σ = 7.899

1σ-Intervall:
p(97≤X≤111) = 0.6575993

2σ-Intervall: p(89≤X≤119) = 0.95048658
3σ-Intervall: p(81≤X≤127) = 0.99713594

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p = 0.4		n = 270
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
62	0	0
63	0	1e-8
64	1e-8	1e-8
65	1e-8	3e-8
66	3e-8	5e-8
67	6e-8	1.1e-7
68	1.1e-7	2.2e-7
69	2.2e-7	4.4e-7
70	4.2e-7	8.6e-7
71	7.9e-7	0.00000165
72	0.00000145	0.0000031
73	0.00000262	0.00000572
74	0.00000466	0.00001038
75	0.00000812	0.0000185
76	0.00001388	0.00003238
77	0.00002332	0.0000557
78	0.00003847	0.00009417
79	0.00006233	0.0001565
80	0.0000992	0.0002557
81	0.00015513	0.00041084
82	0.00023838	0.00064922
83	0.00035996	0.00100918
84	0.00053423	0.0015434
85	0.00077934	0.00232274
86	0.00111766	0.0034404
87	0.00157586	0.00501626
88	0.00218471	0.00720097
89	0.00297841	0.01017938
90	0.00399327	0.01417266
91	0.00526586	0.01943851
92	0.00683035	0.02626886
93	0.00871543	0.03498429
94	0.01094064	0.04592493
95	0.01351266	0.05943759
96	0.01642163	0.07585922
97	0.01963824	0.09549746
98	0.02311167	0.11860912
99	0.02676907	0.14537819

100	0.03051674	0.17589493
101	0.0342432	0.21013813
102	0.03782419	0.24796233
103	0.04112922	0.28909155
104	0.04402936	0.33312091
105	0.04640555	0.37952645
106	0.0481567	0.42768315
107	0.04920684	0.47688999
108	0.04951059	0.52640058
109	0.04905636	0.57545695
110	0.04786712	0.62332407
111	0.04599843	0.6693225
112	0.04353423	0.71285673
113	0.04058058	0.75343731
114	0.03725819	0.7906955
115	0.03369437	0.82438987
116	0.0300151	0.85440497
117	0.02633803	0.880743
118	0.02276678	0.90350978
119	0.01938683	0.92289661
120	0.0162634	0.93916001
121	0.01344083	0.95260084
122	0.01094362	0.96354446
123	0.00877862	0.97232308
124	0.00693795	0.97926103
125	0.00540235	0.98466338
126	0.00414466	0.98880803
127	0.00313297	0.991941
128	0.00233341	0.99427441
129	0.00171237	0.99598679
130	0.00123818	0.99722496
131	0.00088216	0.99810712
132	0.0006193	0.99872642
133	0.00042838	0.9991548
134	0.00029198	0.99944679
135	0.0001961	0.99964289
136	0.00012977	0.99977266
137	0.00008462	0.99985728
138	0.00005437	0.99991165
139	0.00003442	0.99994607
140	0.00002147	0.99996754
141	0.0000132	0.99998074
142	0.00000799	0.99998873
143	0.00000477	0.9999935
144	0.0000028	0.9999963
145	0.00000162	0.99999793
146	9.3e-7	0.99999885

147	5.2e-7	0.99999938
148	2.9e-7	0.99999967
149	1.6e-7	0.99999982
150	8e-8	0.99999991
151	4e-8	0.99999995
152	2e-8	0.99999998
153	1e-8	0.99999999
154	1e-8	0.99999999
155	0	1
...	...	...
270	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 270**
Erwartungswert: μ = 108		
Standardabweichung: σ = 8.05		
1σ-Intervall: p(100≤X≤116) = 0.70902678		
2σ-Intervall: p(92≤X≤124) = 0.95982252		
3σ-Intervall: p(84≤X≤132) = 0.99771724		

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p = 0.4		**n = 280**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
66	0	0
67	1e-8	1e-8
68	1e-8	2e-8
69	2e-8	5e-8
70	5e-8	9e-8
71	9e-8	1.9e-7
72	1.8e-7	3.7e-7
73	3.4e-7	7.1e-7
74	6.4e-7	0.00000136
75	0.00000118	0.00000254
76	0.00000212	0.00000465
77	0.00000374	0.0000084
78	0.00000649	0.00001489
79	0.00001107	0.00002595
80	0.00001854	0.00004449
81	0.00003051	0.000075
82	0.00004937	0.00012437
83	0.00007851	0.00020288
84	0.00012275	0.00032563
85	0.0001887	0.00051432

86	0.00028524	0.00079956
87	0.00042403	0.0012236
88	0.00061999	0.00184358
89	0.00089167	0.00273525
90	0.00126155	0.0039968
91	0.001756	0.0057528
92	0.00240495	0.00815775
93	0.00324109	0.01139884
94	0.00429846	0.0156973
95	0.00561062	0.02130792
96	0.00720809	0.02851602
97	0.00911539	0.0376314
98	0.01134773	0.04897913
99	0.01390765	0.06288679
100	0.0167819	0.07966869
101	0.01993889	0.09960758
102	0.0233272	0.12293478
103	0.02687535	0.14981013
104	0.03049319	0.18030332
105	0.03407493	0.21437825
106	0.03750385	0.2518821
107	0.04065838	0.29254048
108	0.04341913	0.33595961
109	0.0456764	0.38163601
110	0.04733736	0.42897337
111	0.04833244	0.47730581
112	0.04862013	0.52592594
113	0.04818986	0.5741158
114	0.04706262	0.62117842
115	0.04528924	0.66646766
116	0.0429467	0.70941436
117	0.04013252	0.74954688
118	0.0369582	0.78650508
119	0.0335419	0.82004698
120	0.03000136	0.85004834
121	0.02644748	0.87649582
122	0.02297896	0.89947478
123	0.01967846	0.91915324
124	0.01661031	0.93576355
125	0.01381978	0.94958333
126	0.01133368	0.96091702
127	0.00916214	0.97007915
128	0.00730108	0.97738023
129	0.00573521	0.98311544
130	0.00444111	0.98755656
131	0.00339016	0.99094672
132	0.00255118	0.9934979

133	0.00189261	0.99539051
134	0.00138415	0.99677466
135	0.00099795	0.99777261
136	0.00070933	0.99848194
137	0.00049705	0.99897898
138	0.00034337	0.99932236
139	0.00023385	0.99955621
140	0.00015702	0.99971323
141	0.00010394	0.99981716
142	0.00006783	0.99988499
143	0.00004364	0.99992863
144	0.00002768	0.9999563
145	0.00001731	0.99997361
146	0.00001067	0.99998428
147	0.00000648	0.99999076
148	0.00000388	0.99999464
149	0.00000229	0.99999694
150	0.00000134	0.99999827
151	7.7e-7	0.99999904
152	4.3e-7	0.99999947
153	2.4e-7	0.99999971
154	1.3e-7	0.99999985
155	7e-8	0.99999992
156	4e-8	0.99999996
157	2e-8	0.99999998
158	1e-8	0.99999999
159	1e-8	0.99999999
160	0	1
...	...	...
280	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 280**
Erwartungswert: μ = 112		
Standardabweichung: σ = 8.198		
1σ-Intervall: p(104≤X≤120) = 0.70023821		
2σ-Intervall: p(96≤X≤128) = 0.95607231		
3σ-Intervall: p(88≤X≤136) = 0.99725834		

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p = 0.4		**n = 290**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
69	0	0

70	0	1e-8
71	1e-8	2e-8
72	2e-8	4e-8
73	4e-8	8e-8
74	8e-8	1.6e-7
75	1.5e-7	3.1e-7
76	2.8e-7	5.9e-7
77	5.2e-7	0.00000111
78	9.5e-7	0.00000207
79	0.00000171	0.00000378
80	0.000003	0.00000678
81	0.00000519	0.00001197
82	0.00000882	0.0000208
83	0.00001474	0.00003553
84	0.00002421	0.00005975
85	0.00003912	0.00009887
86	0.00006217	0.00016104
87	0.00009719	0.00025823
88	0.00014946	0.00040769
89	0.00022615	0.00063384
90	0.00033671	0.00097055
91	0.00049335	0.0014639
92	0.00071143	0.00217532
93	0.00100977	0.00318509
94	0.00141081	0.0045959
95	0.00194048	0.00653638
96	0.00262773	0.00916411
97	0.00350364	0.01266775
98	0.00460002	0.01726777
99	0.0059475	0.02321527
100	0.00757315	0.03078842
101	0.00949768	0.0402861
102	0.01173243	0.05201853
103	0.01427635	0.06629488
104	0.01711332	0.0834082
105	0.02021002	0.10361822
106	0.0235148	0.12713302
107	0.02695778	0.1540908
108	0.0304523	0.1845431
109	0.03389798	0.21844108
110	0.03718505	0.25562613
111	0.04020006	0.29582619
112	0.0428322	0.3386584
113	0.04498013	0.38363853
114	0.04655838	0.43019691
115	0.04750305	0.47769996
116	0.04777605	0.52547601

117	0.04736771	0.57284372
118	0.04629725	0.61914097
119	0.04461136	0.66375233
120	0.04238079	0.70613312
121	0.03969551	0.74582863
122	0.03665869	0.78248732
123	0.03338027	0.81586759
124	0.02997046	0.84583805
125	0.02653385	0.8723719
126	0.02316447	0.89553636
127	0.01994212	0.91547848
128	0.01693002	0.9324085
129	0.01417397	0.94658248
130	0.01170261	0.95828509
131	0.00952885	0.96781394
132	0.00765195	0.97546589
133	0.00606019	0.98152609
134	0.00473358	0.98625967
135	0.00364661	0.98990628
136	0.00277071	0.99267699
137	0.00207635	0.99475334
138	0.00153469	0.99628803
139	0.00111882	0.99740685
140	0.00080448	0.99821133
141	0.00057055	0.99878188
142	0.00039912	0.999181
143	0.00027538	0.99945639
144	0.00018741	0.9996438
145	0.0001258	0.99976961
146	0.0000833	0.9998529
147	0.0000544	0.9999073
148	0.00003504	0.99994234
149	0.00002226	0.9999646
150	0.00001395	0.99997855
151	0.00000862	0.99998717
152	0.00000526	0.99999243
153	0.00000316	0.99999559
154	0.00000187	0.99999747
155	0.0000011	0.99999856
156	6.3e-7	0.9999992
157	3.6e-7	0.99999956
158	2e-7	0.99999976
159	1.1e-7	0.99999987
160	6e-8	0.99999993
161	3e-8	0.99999996
162	2e-8	0.99999998
163	1e-8	0.99999999

164	0	1
...	...	...
290	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 290**
Erwartungswert: μ = 116		
Standardabweichung: σ = 8.343		
1σ-Intervall: p(108≤X≤124) = 0.69174725		
2σ-Intervall: p(100≤X≤132) = 0.95225062		
3σ-Intervall: p(91≤X≤141) = 0.99781134		

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p = 0.4		**n = 300**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
72	0	0
73	0	1e-8
74	1e-8	2e-8
75	2e-8	3e-8
76	3e-8	7e-8
77	6e-8	1.3e-7
78	1.2e-7	2.6e-7
79	2.3e-7	4.9e-7
80	4.3e-7	9.1e-7
81	7.7e-7	0.00000169
82	0.00000138	0.00000306
83	0.00000241	0.00000548
84	0.00000415	0.00000963
85	0.00000703	0.00001666
86	0.00001172	0.00002838
87	0.00001922	0.00004761
88	0.00003102	0.00007863
89	0.00004926	0.00012789
90	0.00007699	0.00020488
91	0.00011845	0.00032333
92	0.00017939	0.00050272
93	0.00026748	0.0007702
94	0.00039268	0.00116288
95	0.00056767	0.00173055
96	0.00080814	0.00253868
97	0.00113306	0.00367174
98	0.0015647	0.00523644
99	0.00212841	0.00736485

100	0.00285207	0.01021691
101	0.00376511	0.01398202
102	0.0048971	0.01887912
103	0.0062759	0.02515502
104	0.00792533	0.03308035
105	0.00986263	0.04294298
106	0.01209568	0.05503866
107	0.01462032	0.06965898
108	0.01741804	0.08707702
109	0.02045421	0.10753123
110	0.0236773	0.13120853
111	0.02701914	0.15822768
112	0.03039653	0.18862421
113	0.03371415	0.22233836
114	0.03686869	0.25920705
115	0.03975407	0.29896112
116	0.04226725	0.34122837
117	0.04431439	0.38554276
118	0.04581657	0.43135933
119	0.04671493	0.47807426
120	0.04697446	0.52504872
121	0.04658624	0.57163496
122	0.04556796	0.61720292
123	0.04396259	0.66116551
124	0.04183537	0.70300088
125	0.03926946	0.74227034
126	0.03636061	0.77863096
127	0.03321127	0.81184223
128	0.02992474	0.84176696
129	0.02659977	0.86836673
130	0.02332595	0.89169268
131	0.02018021	0.91187289
132	0.01722452	0.92909741
133	0.01450486	0.94360228
134	0.0120513	0.95565358
135	0.00987909	0.96553267
136	0.00799044	0.97352311
137	0.0063768	0.97989992
138	0.00502135	0.98492126
139	0.00390148	0.98882274
140	0.00299113	0.99181387
141	0.0022628	0.99407667
142	0.00168913	0.9957658
143	0.00124421	0.99701
144	0.00090435	0.99791436
145	0.00064864	0.998563
146	0.00045908	0.99902208

147	0.00032063	0.99934271
148	0.00022097	0.99956368
149	0.00015028	0.99971397
150	0.00010086	0.99981482
151	0.00006679	0.99988161
152	0.00004365	0.99992526
153	0.00002815	0.99995341
154	0.00001791	0.99997132
155	0.00001125	0.99998257
156	0.00000697	0.99998954
157	0.00000426	0.99999381
158	0.00000257	0.99999638
159	0.00000153	0.99999791
160	9e-7	0.99999881
161	5.2e-7	0.99999933
162	3e-7	0.99999963
163	1.7e-7	0.9999998
164	9e-8	0.99999989
165	5e-8	0.99999994
166	3e-8	0.99999997
167	1e-8	0.99999998
168	1e-8	0.99999999
169	0	1
...	...	...
300	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 300**
Erwartungswert: μ = 120		
Standardabweichung: σ = 8.485		
1σ-Intervall: p(112≤X≤128) = 0.68353929		
2σ-Intervall: p(104≤X≤136) = 0.9483681		
3σ-Intervall: p(95≤X≤145) = 0.99740012		

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p = 0.4		**n = 310**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
75	0	0
76	0	1e-8
77	1e-8	1e-8
78	1e-8	3e-8
79	3e-8	6e-8
80	5e-8	1.1e-7

81	1e-7	2.1e-7
82	1.9e-7	4e-7
83	3.5e-7	7.5e-7
84	6.3e-7	0.00000137
85	0.00000111	0.00000248
86	0.00000193	0.00000442
87	0.00000332	0.00000774
88	0.00000561	0.00001335
89	0.00000933	0.00002267
90	0.00001527	0.00003794
91	0.00002461	0.00006255
92	0.00003905	0.0001016
93	0.00006103	0.00016263
94	0.00009392	0.00025655
95	0.00014237	0.00039892
96	0.00021256	0.00061148
97	0.00031263	0.00092411
98	0.000453	0.00137711
99	0.00064671	0.00202382
100	0.0009097	0.00293352
101	0.00126097	0.00419449
102	0.0017225	0.005917
103	0.00231897	0.00823597
104	0.00307709	0.01131306
105	0.00402464	0.01533771
106	0.00518901	0.02052671
107	0.00659537	0.02712208
108	0.00826457	0.03538666
109	0.01021066	0.04559732
110	0.01243844	0.05803576
111	0.01494107	0.07297684
112	0.01769806	0.09067489
113	0.02067384	0.11134873
114	0.02381723	0.13516596
115	0.02706189	0.16222786
116	0.03032798	0.19255584
117	0.03352495	0.22608079
118	0.03655546	0.26263625
119	0.03932015	0.3019564
120	0.04172305	0.34367946
121	0.04367702	0.38735648
122	0.04510906	0.43246554
123	0.04596479	0.47843032
124	0.04621191	0.52464223
125	0.04584221	0.57048445
126	0.04487201	0.61535645
127	0.04334094	0.6586974

128	0.04130934	0.70000673
129	0.03885426	0.73886099
130	0.03606472	0.77492571
131	0.03303639	0.8079621
132	0.02986623	0.83782832
133	0.02664756	0.86447589
134	0.02346576	0.88794165
135	0.02039494	0.90833659
136	0.01749566	0.92583224
137	0.01481384	0.94064608
138	0.01238065	0.95302673
139	0.01021329	0.96324002
140	0.00831654	0.97155656
141	0.00668469	0.97824125
142	0.00530381	0.98354506
143	0.00415404	0.9876991
144	0.00321169	0.99091078
145	0.00245122	0.993362
146	0.00184681	0.99520881
147	0.00137359	0.9965824
148	0.00100854	0.99759093
149	0.00073102	0.99832195
150	0.00052309	0.99884504
151	0.00036951	0.99921454
152	0.00025768	0.99947223
153	0.0001774	0.99964963
154	0.00012057	0.9997702
155	0.0000809	0.9998511
156	0.00005359	0.99990469
157	0.00003504	0.99993973
158	0.00002262	0.99996236
159	0.00001442	0.99997677
160	0.00000907	0.99998584
161	0.00000563	0.99999148
162	0.00000345	0.99999493
163	0.00000209	0.99999702
164	0.00000125	0.99999827
165	7.4e-7	0.99999901
166	4.3e-7	0.99999944
167	2.5e-7	0.99999969
168	1.4e-7	0.99999983
169	8e-8	0.99999991
170	4e-8	0.99999995
171	2e-8	0.99999997
172	1e-8	0.99999999
173	1e-8	0.99999999
174	0	1

...	...	...
310	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 310**
Erwartungswert: μ = 124		
Standardabweichung: σ = 8.626		
1σ-Intervall: p(116≤X≤132) = 0.67560047		
2σ-Intervall: p(107≤X≤141) = 0.95771454		
3σ-Intervall: p(99≤X≤149) = 0.99694484		

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p = 0.4		**n = 320**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
78	0	0
79	0	1e-8
80	1e-8	1e-8
81	1e-8	2e-8
82	2e-8	5e-8
83	4e-8	9e-8
84	8e-8	1.8e-7
85	1.5e-7	3.3e-7
86	2.8e-7	6.1e-7
87	5.1e-7	0.00000112
88	8.9e-7	0.00000201
89	0.00000155	0.00000356
90	0.00000265	0.00000622
91	0.00000447	0.00001069
92	0.00000742	0.00001811
93	0.00001213	0.00003024
94	0.00001953	0.00004977
95	0.00003098	0.00008075
96	0.0000484	0.00012915
97	0.00007451	0.00020366
98	0.00011303	0.0003167
99	0.00016898	0.00048568
100	0.00024896	0.00073464
101	0.00036153	0.00109617
102	0.00051749	0.00161366
103	0.00073018	0.00234384
104	0.0010157	0.00335954
105	0.00139295	0.00475249
106	0.00188355	0.00663605

107	0.00251141	0.00914745
108	0.00330203	0.01244949
109	0.00428154	0.01673102
110	0.00547518	0.0222062
111	0.00690563	0.02911183
112	0.00859093	0.03770276
113	0.01054227	0.04824503
114	0.01276169	0.06100672
115	0.01524005	0.07624677
116	0.01795523	0.09420199
117	0.02087103	0.11507303
118	0.02393683	0.13900986
119	0.02708818	0.16609804
120	0.03024847	0.19634651
121	0.03333165	0.22967816
122	0.03624589	0.26592405
123	0.03889803	0.30482208
124	0.04119845	0.34602053
125	0.04306611	0.38908664
126	0.04443329	0.43351994
127	0.04524965	0.47876959
128	0.04548533	0.52425491
129	0.04513273	0.56938764
130	0.04420693	0.61359457
131	0.04274461	0.65633918
132	0.04080167	0.69714085
133	0.0384497	0.73559055
134	0.03577161	0.77136216
135	0.03285689	0.80421905
136	0.02979669	0.83401574
137	0.02667927	0.86069501
138	0.02358602	0.88428103
139	0.02058828	0.90486931
140	0.01774514	0.92261444
141	0.01510224	0.93771669
142	0.01269156	0.95040824
143	0.01053192	0.96094016
144	0.00863032	0.96957049
145	0.00698362	0.9765541
146	0.00558052	0.98213462
147	0.00440367	0.9865383
148	0.00343169	0.98996999
149	0.00264094	0.99261093
150	0.00200712	0.99461805
151	0.00150645	0.99612449
152	0.00111662	0.99724111
153	0.00081739	0.99805851

154	0.00059093	0.99864944
155	0.00042191	0.99907135
156	0.0002975	0.99936885
157	0.00020718	0.99957603
158	0.00014249	0.99971852
159	0.00009679	0.9998153
160	0.00006493	0.99988023
161	0.00004302	0.99992325
162	0.00002815	0.99995139
163	0.00001819	0.99996958
164	0.00001161	0.99998119
165	0.00000732	0.9999885
166	0.00000455	0.99999306
167	0.0000028	0.99999586
168	0.0000017	0.99999756
169	0.00000102	0.99999858
170	6e-7	0.99999918
171	3.5e-7	0.99999953
172	2e-7	0.99999974
173	1.2e-7	0.99999986
174	7e-8	0.99999992
175	4e-8	0.99999996
176	2e-8	0.99999998
177	1e-8	0.99999999
178	1e-8	0.99999999
179	0	1
...	...	...
320	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 320**
Erwartungswert: μ = 128		
Standardabweichung: σ = 8.764		
1σ-Intervall: p(120≤X≤136) = 0.66791769		
2σ-Intervall: p(111≤X≤145) = 0.9543479		
3σ-Intervall: p(102≤X≤154) = 0.99755326		

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p = 0.4		**n = 330**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
82	0	0
83	1e-8	1e-8
84	1e-8	2e-8

85	2e-8	4e-8
86	4e-8	8e-8
87	7e-8	1.4e-7
88	1.3e-7	2.7e-7
89	2.3e-7	5e-7
90	4.1e-7	9.1e-7
91	7.2e-7	0.00000163
92	0.00000124	0.00000287
93	0.00000212	0.00000499
94	0.00000357	0.00000856
95	0.00000591	0.00001447
96	0.00000964	0.00002411
97	0.00001551	0.00003962
98	0.00002458	0.0000642
99	0.0000384	0.0001026
100	0.00005914	0.00016174
101	0.00008978	0.00025153
102	0.00013438	0.00038591
103	0.00019831	0.00058422
104	0.00028857	0.00087278
105	0.00041407	0.00128685
106	0.00058595	0.0018728
107	0.00081777	0.00269057
108	0.0011257	0.00381627
109	0.00152847	0.00534473
110	0.00204722	0.00739195
111	0.00270504	0.01009699
112	0.00352621	0.0136232
113	0.00453518	0.01815838
114	0.00575517	0.02391355
115	0.00720648	0.03112003
116	0.00890455	0.04002458
117	0.01085798	0.05088256
118	0.01306638	0.06394894
119	0.01551861	0.07946755
120	0.01819126	0.09765881
121	0.02104774	0.11870655
122	0.02403813	0.14274467
123	0.0270999	0.16984457
124	0.03015956	0.20000413
125	0.0331353	0.23313943
126	0.03594041	0.26907984
127	0.03848737	0.30756721
128	0.04069237	0.34825958
129	0.04247989	0.39073948
130	0.04378697	0.43452644
131	0.04456689	0.47909333

132	0.04479197	0.5238853
133	0.04445519	0.56834049
134	0.04357051	0.611911
135	0.04217195	0.65408295
136	0.04031142	0.69439438
137	0.03805555	0.73244993
138	0.03548175	0.76793168
139	0.03267384	0.80060552
140	0.02971763	0.83032315
141	0.02669669	0.85701984
142	0.02368862	0.88070846
143	0.02076205	0.90147051
144	0.01797455	0.91944506
145	0.01537134	0.9348164
146	0.01298492	0.94780133
147	0.01083549	0.95863682
148	0.00893196	0.96756878
149	0.00727345	0.97484223
150	0.00585109	0.98069332
151	0.00464987	0.98534319
152	0.00365056	0.98899374
153	0.00283137	0.99182511
154	0.00216949	0.9939946
155	0.00164228	0.99563688
156	0.0012282	0.99686509
157	0.00090746	0.99777255
158	0.00066241	0.99843495
159	0.00047771	0.99891267
160	0.00034037	0.99925304
161	0.0002396	0.99949263
162	0.00016663	0.99965927
163	0.0001145	0.99977376
164	0.00007773	0.99985149
165	0.00005213	0.99990362
166	0.00003455	0.99993817
167	0.00002262	0.99996079
168	0.00001463	0.99997542
169	0.00000935	0.99998476
170	0.0000059	0.99999067
171	0.00000368	0.99999435
172	0.00000227	0.99999662
173	0.00000138	0.999998
174	8.3e-7	0.99999883
175	4.9e-7	0.99999932
176	2.9e-7	0.99999961
177	1.7e-7	0.99999978
178	1e-7	0.99999988

179	5e-8	0.99999993
180	3e-8	0.99999996
181	2e-8	0.99999998
182	1e-8	0.99999999
183	0	0.99999999
184	0	1
...	...	...
330	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 330**
Erwartungswert: μ = 132		
Standardabweichung: σ = 8.899		
1σ-Intervall: p(124≤X≤140) = 0.66047858		
2σ-Intervall: p(115≤X≤149) = 0.95092868		
3σ-Intervall: p(106≤X≤158) = 0.9971481		

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p = 0.4		**n = 340**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
85	0	0
86	0	1e-8
87	1e-8	2e-8
88	2e-8	3e-8
89	3e-8	6e-8
90	6e-8	1.2e-7
91	1e-7	2.2e-7
92	1.9e-7	4.1e-7
93	3.3e-7	7.4e-7
94	5.8e-7	0.00000132
95	0.000001	0.00000231
96	0.0000017	0.00000401
97	0.00000285	0.00000686
98	0.0000047	0.00001156
99	0.00000767	0.00001923
100	0.00001232	0.00003155
101	0.00001952	0.00005106
102	0.00003048	0.00008155
103	0.00004696	0.00012851
104	0.00007134	0.00019985
105	0.0001069	0.00030675
106	0.000158	0.00046475
107	0.00023035	0.0006951

108	0.00033131	0.00102641
109	0.00047011	0.00149652
110	0.00065816	0.00215468
111	0.00090917	0.00306384
112	0.00123928	0.00430313
113	0.001667	0.00597012
114	0.00221292	0.00818304
115	0.00289924	0.01108228
116	0.00374902	0.0148313
117	0.00478507	0.01961637
118	0.00602865	0.02564501
119	0.00749781	0.03314283
120	0.00920565	0.04234848
121	0.01115836	0.05350684
122	0.01335345	0.06686029
123	0.01577806	0.08263835
124	0.01840774	0.10104609
125	0.02120571	0.12225181
126	0.0241229	0.14637471
127	0.02709869	0.1734734
128	0.03006261	0.20353602
129	0.03293682	0.23647283
130	0.03563932	0.27211216
131	0.03808783	0.31019998
132	0.04020382	0.3504038
133	0.04191676	0.39232057
134	0.04316801	0.43548858
135	0.04391412	0.4794027
136	0.04412939	0.52353209
137	0.04380728	0.56733936
138	0.04296076	0.61030012
139	0.04162145	0.65192158
140	0.03983768	0.69175926
141	0.03767156	0.72943082
142	0.0351955	0.76462632
143	0.03248815	0.79711447
144	0.0296304	0.82674487
145	0.02670142	0.85344628
146	0.02377523	0.87722152
147	0.02091789	0.89813941
148	0.01818538	0.91632478
149	0.01562234	0.93194712
150	0.01326163	0.94520875
151	0.01112454	0.95633329
152	0.00922166	0.96555495
153	0.00755413	0.97310908
154	0.00611525	0.97922433

155	0.0048922	0.98411652
156	0.00386776	0.98798429
157	0.00302195	0.99100623
158	0.0023334	0.99333963
159	0.00178063	0.99512026
160	0.00134289	0.99646315
161	0.00100091	0.99746406
162	0.0007373	0.99820135
163	0.00053676	0.99873812
164	0.00038621	0.99912432
165	0.00027464	0.99939896
166	0.00019302	0.99959198
167	0.00013407	0.99972605
168	0.00009204	0.99981809
169	0.00006245	0.99988054
170	0.00004188	0.99992242
171	0.00002776	0.99995018
172	0.00001818	0.99996836
173	0.00001177	0.99998013
174	0.00000753	0.99998766
175	0.00000476	0.99999242
176	0.00000298	0.9999954
177	0.00000184	0.99999724
178	0.00000112	0.99999836
179	6.8e-7	0.99999904
180	4e-7	0.99999944
181	2.4e-7	0.99999968
182	1.4e-7	0.99999982
183	8e-8	0.9999999
184	5e-8	0.99999994
185	3e-8	0.99999997
186	1e-8	0.99999998
187	1e-8	0.99999999
188	0	1
...	...	...
340	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 340**

Erwartungswert:
μ = 136

Standardabweichung:
σ = 9.033

1σ-Intervall:
p(127≤X≤145) = 0.70707158

2σ-Intervall:
p(118≤X≤154) = 0.95960796

3σ-Intervall:
p(109≤X≤163) = 0.99771171

p = 0.4		n = 350
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
88	0	0
89	0	1e-8
90	1e-8	1e-8
91	1e-8	3e-8
92	2e-8	5e-8
93	5e-8	1e-7
94	8e-8	1.8e-7
95	1.5e-7	3.3e-7
96	2.7e-7	6e-7
97	4.6e-7	0.00000106
98	8e-7	0.00000186
99	0.00000136	0.00000322
100	0.00000227	0.00000549
101	0.00000375	0.00000924
102	0.0000061	0.00001534
103	0.00000979	0.00002513
104	0.0000155	0.00004063
105	0.00002421	0.00006484
106	0.0000373	0.00010214
107	0.00005671	0.00015885
108	0.00008507	0.00024392
109	0.00012591	0.00036982
110	0.0001839	0.00055373
111	0.00026508	0.00081881
112	0.00037711	0.00119592
113	0.00052952	0.00172544
114	0.00073389	0.00245933
115	0.00100405	0.00346338
116	0.00135604	0.00481943
117	0.00180806	0.00662748
118	0.0023801	0.00900758
119	0.00309346	0.01210104
120	0.00396994	0.01607099
121	0.00503078	0.02110177
122	0.00629535	0.02739712
123	0.00777962	0.03517674
124	0.00949448	0.04467122
125	0.01144402	0.05611524
126	0.01362383	0.06973906
127	0.01601962	0.08575868
128	0.01860612	0.1043648
129	0.02134656	0.12571136
130	0.02419276	0.14990412

131	0.02708605	0.17699017
132	0.02995881	0.20694897
133	0.03273694	0.23968592
134	0.03534287	0.27502878
135	0.03769906	0.31272784
136	0.03973185	0.3524597
137	0.04137526	0.39383496
138	0.04257455	0.4364095
139	0.04328923	0.47969873
140	0.04349536	0.52319409
141	0.04318689	0.56638098
142	0.04237587	0.60875685
143	0.04109175	0.6498486
144	0.03937959	0.68922819
145	0.03729745	0.72652564
146	0.03491314	0.76143878
147	0.03230059	0.79373938
148	0.02953613	0.8232755
149	0.02669484	0.84997035
150	0.02384739	0.87381774
151	0.0210573	0.89487505
152	0.01837896	0.91325401
153	0.01585636	0.92911037
154	0.01352252	0.94263289
155	0.01139963	0.95403252
156	0.00949969	0.96353221
157	0.00782565	0.97135786
158	0.00637279	0.97773065
159	0.00513029	0.98286094
160	0.00408286	0.9869438
161	0.00321219	0.99015599
162	0.00249837	0.99265435
163	0.00192104	0.99457539
164	0.0014603	0.99603569
165	0.00109744	0.99713313
166	0.00081536	0.99794849
167	0.00059891	0.9985474
168	0.00043492	0.99898232
169	0.00031225	0.99929458
170	0.00022164	0.99951621
171	0.00015554	0.99967175
172	0.00010791	0.99977966
173	0.00007402	0.99985368
174	0.0000502	0.99990388
175	0.00003366	0.99993753
176	0.00002231	0.99995984
177	0.00001462	0.99997446

178	0.00000947	0.99998394
179	0.00000607	0.99999001
180	0.00000384	0.99999385
181	0.00000241	0.99999626
182	0.00000149	0.99999775
183	9.1e-7	0.99999866
184	5.5e-7	0.99999921
185	3.3e-7	0.99999954
186	2e-7	0.99999973
187	1.1e-7	0.99999985
188	7e-8	0.99999991
189	4e-8	0.99999995
190	2e-8	0.99999997
191	1e-8	0.99999999
192	1e-8	0.99999999
193	0	1
...	...	...
350	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 350**
Erwartungswert: μ = 140		
Standardabweichung: σ = 9.165		
1σ-Intervall: p(131≤X≤149) = 0.70006623		
2σ-Intervall: p(122≤X≤158) = 0.95662888		
3σ-Intervall: p(113≤X≤167) = 0.99735148		

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p = 0.4		**n = 360**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
91	0	0
92	0	1e-8
93	1e-8	1e-8
94	1e-8	2e-8
95	2e-8	4e-8
96	4e-8	8e-8
97	7e-8	1.5e-7
98	1.2e-7	2.7e-7
99	2.1e-7	4.8e-7
100	3.7e-7	8.6e-7
101	6.4e-7	0.0000015
102	0.00000109	0.00000258
103	0.00000181	0.0000044

104	0.00000299	0.00000738
105	0.00000485	0.00001223
106	0.00000778	0.00002002
107	0.00001232	0.00003233
108	0.00001923	0.00005157
109	0.00002964	0.00008121
110	0.0000451	0.00012631
111	0.00006771	0.00019402
112	0.00010036	0.00029438
113	0.00014684	0.00044121
114	0.0002121	0.00065331
115	0.00030247	0.00095578
116	0.00042589	0.00138167
117	0.00059212	0.00197379
118	0.00081291	0.0027867
119	0.0011021	0.0038888
120	0.00147559	0.00536439
121	0.00195119	0.00731558
122	0.00254828	0.00986385
123	0.00328721	0.01315106
124	0.00418854	0.0173396
125	0.00527197	0.02261157
126	0.0065551	0.02916667
127	0.00805193	0.0372186
128	0.00977135	0.04698995
129	0.01171553	0.05870548
130	0.01387839	0.07258387
131	0.01624443	0.0888283
132	0.01878775	0.10761605
133	0.02147171	0.12908776
134	0.02424915	0.15333691
135	0.02706325	0.18040016
136	0.02984917	0.21024933
137	0.03253632	0.24278565
138	0.0350512	0.27783685
139	0.03732071	0.31515756
140	0.0392756	0.35443316
141	0.04085405	0.39528721
142	0.04200487	0.43729209
143	0.04269027	0.47998235
144	0.04288791	0.52287026
145	0.04259213	0.56546239
146	0.04181419	0.60727658
147	0.04058157	0.64785815
148	0.03893637	0.68679452
149	0.03693294	0.72372745
150	0.03463489	0.75836234

151	0.03211181	0.79047416
152	0.02943583	0.81990999
153	0.02667823	0.84658821
154	0.02390646	0.87049467
155	0.02118164	0.89167631
156	0.01855656	0.91023288
157	0.01607448	0.92630735
158	0.01376843	0.94007578
159	0.01166131	0.9517371
160	0.00976635	0.96150345
161	0.00808808	0.96959152
162	0.00662357	0.97621509
163	0.00536387	0.98157896
164	0.00429546	0.98587442
165	0.00340166	0.98927608
166	0.00266395	0.99194002
167	0.0020631	0.99400312
168	0.00158007	0.99558319
169	0.00119674	0.99677993
170	0.00089638	0.99767631
171	0.00066399	0.9983403
172	0.00048641	0.9988267
173	0.00035239	0.99917909
174	0.00025248	0.99943157
175	0.0001789	0.99961047
176	0.00012536	0.99973583
177	0.00008688	0.99982271
178	0.00005955	0.99988226
179	0.00004036	0.99992263
180	0.00002706	0.99994968
181	0.00001794	0.99996762
182	0.00001176	0.99997939
183	0.00000763	0.99998701
184	0.00000489	0.99999191
185	0.0000031	0.99999501
186	0.00000195	0.99999695
187	0.00000121	0.99999816
188	7.4e-7	0.9999989
189	4.5e-7	0.99999935
190	2.7e-7	0.99999962
191	1.6e-7	0.99999978
192	9e-8	0.99999987
193	5e-8	0.99999993
194	3e-8	0.99999996
195	2e-8	0.99999998
196	1e-8	0.99999999
197	1e-8	0.99999999

198	0	1
...	...	...
360	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 360**
Erwartungswert: μ = 144		
Standardabweichung: σ = 9.295		
1σ-Intervall: p(135≤X≤153) = 0.6932513		
2σ-Intervall: p(126≤X≤162) = 0.95360352		
3σ-Intervall: p(117≤X≤171) = 0.99695863		

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p = 0.4		**n = 370**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
94	0	0
95	0	1e-8
96	0	1e-8
97	1e-8	2e-8
98	2e-8	4e-8
99	3e-8	7e-8
100	6e-8	1.2e-7
101	1e-7	2.2e-7
102	1.7e-7	3.9e-7
103	3e-7	6.9e-7
104	5.1e-7	0.00000121
105	8.7e-7	0.00000207
106	0.00000145	0.00000352
107	0.00000238	0.0000059
108	0.00000386	0.00000976
109	0.00000619	0.00001595
110	0.00000979	0.00002574
111	0.00001529	0.00004103
112	0.00002357	0.00006459
113	0.00003587	0.00010047
114	0.00005391	0.00015438
115	0.00008001	0.00023439
116	0.00011726	0.00035164
117	0.0001697	0.00052135
118	0.00024257	0.00076391
119	0.00034245	0.00110637
120	0.00047753	0.00158389
121	0.00065775	0.00224165

122	0.00089498	0.00313662
123	0.001203	0.00433963
124	0.00159754	0.00593716
125	0.00209597	0.00803313
126	0.00271699	0.01075012
127	0.00348003	0.01423015
128	0.00440442	0.01863457
129	0.00550837	0.02414294
130	0.00680778	0.03095072
131	0.00831484	0.03926556
132	0.0100366	0.04930216
133	0.01197349	0.06127565
134	0.014118	0.07539365
135	0.01645357	0.09184721
136	0.01895386	0.11080107
137	0.0215825	0.13238358
138	0.02429335	0.15667692
139	0.02703144	0.18370837
140	0.02973459	0.21344296
141	0.03233549	0.24577844
142	0.03476444	0.28054289
143	0.03695242	0.3174953
144	0.03883425	0.35632955
145	0.04035191	0.39668147
146	0.04145744	0.43813891
147	0.0421155	0.48025441
148	0.04230521	0.52255962
149	0.04202128	0.5645809
150	0.04127424	0.60585514
151	0.04008977	0.6459449
152	0.03850727	0.68445218
153	0.03657772	0.72102989
154	0.03436089	0.75539078
155	0.03192237	0.78731315
156	0.02933038	0.81664353
157	0.02665266	0.84329619
158	0.02395366	0.86724985
159	0.02129214	0.88854199
160	0.01871934	0.90726133
161	0.01627769	0.92353902
162	0.01400015	0.93753917
163	0.01191015	0.94944932
164	0.01002195	0.95947128
165	0.00834151	0.96781278
166	0.0068675	0.97468029
167	0.0055927	0.98027298
168	0.00450523	0.98477821

169	0.00358997	0.98836818
170	0.00282974	0.99119792
171	0.00220642	0.99340434
172	0.00170185	0.99510619
173	0.00129852	0.99640472
174	0.00098011	0.99738483
175	0.00073182	0.99811665
176	0.00054055	0.99865719
177	0.00039498	0.99905217
178	0.00028551	0.99933768
179	0.00020416	0.99954184
180	0.00014443	0.99968626
181	0.00010107	0.99978733
182	0.00006997	0.99985731
183	0.00004792	0.99990523
184	0.00003247	0.9999377
185	0.00002176	0.99995946
186	0.00001443	0.99997389
187	0.00000947	0.99998336
188	0.00000614	0.9999895
189	0.00000394	0.99999344
190	0.0000025	0.99999595
191	0.00000157	0.99999752
192	9.8e-7	0.9999985
193	6e-7	0.9999991
194	3.7e-7	0.99999947
195	2.2e-7	0.99999969
196	1.3e-7	0.99999982
197	8e-8	0.9999999
198	4e-8	0.99999994
199	3e-8	0.99999997
200	1e-8	0.99999998
201	1e-8	0.99999999
202	0	0.99999999
203	0	1
...	...	...
370	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 370**

Erwartungswert:
μ = 148

Standardabweichung:
σ = 9.423

1σ-Intervall:
p(139≤X≤157) = 0.68661927

2σ-Intervall:
p(130≤X≤166) = 0.95053735

3σ-Intervall:
p(120≤X≤176) = 0.99755083

p = 0.4		n = 380
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
98	0	0
99	0	1e-8
100	1e-8	2e-8
101	1e-8	3e-8
102	2e-8	5e-8
103	4e-8	1e-7
104	8e-8	1.8e-7
105	1.4e-7	3.2e-7
106	2.4e-7	5.6e-7
107	4.1e-7	9.7e-7
108	6.9e-7	0.00000166
109	0.00000115	0.00000282
110	0.0000019	0.00000472
111	0.00000307	0.00000779
112	0.00000492	0.00001271
113	0.00000778	0.0000205
114	0.00001215	0.00003265
115	0.00001874	0.00005139
116	0.00002854	0.00007994
117	0.00004294	0.00012287
118	0.0000638	0.00018667
119	0.00009364	0.00028032
120	0.00013578	0.0004161
121	0.00019451	0.00061061
122	0.00027529	0.00088591
123	0.00038496	0.00127087
124	0.00053191	0.00180278
125	0.00072624	0.00252902
126	0.00097984	0.00350886
127	0.00130646	0.00481531
128	0.00172153	0.00653684
129	0.00224199	0.00877883
130	0.00288584	0.01166467
131	0.00367155	0.01533622
132	0.00461726	0.01995348
133	0.00573975	0.02569323
134	0.00705332	0.03274655
135	0.00856848	0.04131503
136	0.01029058	0.05160561
137	0.0122185	0.06382411
138	0.01434345	0.07816756
139	0.01664804	0.0948156
140	0.0191056	0.1139212

141	0.02168012	0.13560132
142	0.02432652	0.15992783
143	0.02699166	0.18691949
144	0.02961585	0.21653534
145	0.0321349	0.24867024
146	0.03448265	0.28315289
147	0.03659383	0.31974672
148	0.03840704	0.35815377
149	0.03986771	0.39802148
150	0.04093085	0.43895233
151	0.04156334	0.48051567
152	0.04174563	0.5222613
153	0.04147279	0.56373409
154	0.04075464	0.60448873
155	0.03961527	0.644104
156	0.0380916	0.6821956
157	0.0362315	0.7184271
158	0.03409124	0.75251834
159	0.03173273	0.78425107
160	0.02922056	0.81347163
161	0.02661914	0.84009077
162	0.02399009	0.86408086
163	0.02138994	0.8854708
164	0.01886836	0.90433916
165	0.01646693	0.92080609
166	0.01421843	0.93502452
167	0.01214669	0.94717121
168	0.01026684	0.95743805
169	0.00858608	0.96602413
170	0.00710456	0.97312868
171	0.0058166	0.97894528
172	0.00471189	0.98365718
173	0.00377678	0.98743396
174	0.00299538	0.99042933
175	0.00235066	0.99277999
176	0.00182532	0.99460531
177	0.00140251	0.99600782
178	0.00106633	0.99707414
179	0.00080223	0.99787637
180	0.00059721	0.99847358
181	0.00043994	0.99891352
182	0.00032069	0.9992342
183	0.00023131	0.99946552
184	0.0001651	0.99963062
185	0.00011661	0.99974723
186	0.0000815	0.99982874
187	0.00005637	0.99988511

188	0.00003858	0.99992369
189	0.00002613	0.99994982
190	0.00001751	0.99996733
191	0.00001161	0.99997894
192	0.00000762	0.99998656
193	0.00000495	0.99999151
194	0.00000318	0.99999469
195	0.00000202	0.99999671
196	0.00000127	0.99999799
197	7.9e-7	0.99999878
198	4.9e-7	0.99999927
199	3e-7	0.99999956
200	1.8e-7	0.99999974
201	1.1e-7	0.99999985
202	6e-8	0.99999991
203	4e-8	0.99999995
204	2e-8	0.99999997
205	1e-8	0.99999998
206	1e-8	0.99999999
207	0	1
...	...	...
380	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 380**
Erwartungswert: μ = 152		
Standardabweichung: σ = 9.55		
1σ-Intervall: p(143≤X≤161) = 0.68016294		
2σ-Intervall: p(133≤X≤171) = 0.9589918		
3σ-Intervall: p(124≤X≤180) = 0.99720271		

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p = 0.4		**n = 390**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
101	0	0
102	0	1e-8
103	1e-8	1e-8
104	1e-8	2e-8
105	2e-8	4e-8
106	4e-8	8e-8
107	6e-8	1.4e-7
108	1.1e-7	2.6e-7
109	1.9e-7	4.5e-7

110	3.3e-7	7.8e-7
111	5.5e-7	0.00000134
112	9.2e-7	0.00000226
113	0.00000151	0.00000377
114	0.00000245	0.00000622
115	0.00000392	0.00001014
116	0.00000619	0.00001633
117	0.00000967	0.00002599
118	0.00001491	0.0000409
119	0.00002272	0.00006362
120	0.00003421	0.00009783
121	0.00005088	0.00014871
122	0.0000748	0.00022351
123	0.00010865	0.00033216
124	0.00015596	0.00048812
125	0.00022126	0.00070938
126	0.00031023	0.00101961
127	0.00042993	0.00144953
128	0.00058891	0.00203844
129	0.00079738	0.00283583
130	0.00106727	0.00390309
131	0.00141216	0.00531526
132	0.00184722	0.00716248
133	0.00238889	0.00955137
134	0.00305445	0.01260581
135	0.00386143	0.01646724
136	0.00482678	0.02129403
137	0.00596595	0.02725998
138	0.00729172	0.0345517
139	0.00881301	0.04336471
140	0.01053365	0.05389836
141	0.01245112	0.06634948
142	0.01455554	0.08090502
143	0.01682878	0.09773379
144	0.01924402	0.11697781
145	0.02176565	0.13874346
146	0.0243497	0.16309316
147	0.02694479	0.19003796
148	0.02949362	0.21953158
149	0.03193493	0.25146651
150	0.03420586	0.28567237
151	0.03624462	0.32191699
152	0.03799326	0.35991026
153	0.03940042	0.39931068
154	0.04042381	0.43973449
155	0.04103234	0.48076682
156	0.04120769	0.52197452

157	0.04094522	0.56291974
158	0.04025416	0.6031739
159	0.03915709	0.64233099
160	0.0376887	0.68001969
161	0.035894	0.71591369
162	0.03382603	0.74973972
163	0.03154329	0.78128301
164	0.02910702	0.81039004
165	0.02657853	0.83696857
166	0.02401675	0.86098532
167	0.02147605	0.88246137
168	0.0190046	0.90146597
169	0.01664308	0.91810906
170	0.01442401	0.93253306
171	0.01237147	0.94490453
172	0.01050136	0.95540589
173	0.00882195	0.96422785
174	0.00733473	0.97156257
175	0.00603543	0.97759801
176	0.00491522	0.98251323
177	0.0039618	0.98647502
178	0.00316053	0.98963556
179	0.00249547	0.99213103
180	0.00195016	0.99408119
181	0.00150841	0.9955896
182	0.00115479	0.9967444
183	0.00087503	0.99761943
184	0.00065628	0.99827571
185	0.00048718	0.99876289
186	0.00035796	0.99912085
187	0.00026034	0.99938119
188	0.00018741	0.99956859
189	0.00013353	0.99970213
190	0.00009417	0.9997963
191	0.00006574	0.99986204
192	0.00004543	0.99990747
193	0.00003107	0.99993854
194	0.00002103	0.99995957
195	0.00001409	0.99997366
196	0.00000935	0.99998301
197	0.00000614	0.99998915
198	0.00000399	0.99999313
199	0.00000257	0.9999957
200	0.00000163	0.99999733
201	0.00000103	0.99999836
202	6.4e-7	0.999999
203	4e-7	0.9999994

204	2.4e-7	0.99999964
205	1.5e-7	0.99999979
206	9e-8	0.99999988
207	5e-8	0.99999993
208	3e-8	0.99999996
209	2e-8	0.99999998
210	1e-8	0.99999999
211	1e-8	0.99999999
212	0	1
...	...	...
390	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 390**
Erwartungswert: μ = 156		
Standardabweichung: σ = 9.675		
1σ-Intervall: p(147≤X≤165) = 0.6738754		
2σ-Intervall: p(137≤X≤175) = 0.95630398		
3σ-Intervall: p(127≤X≤185) = 0.99774328		

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p = 0.4		**n = 400**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
104	0	0
105	0	1e-8
106	0	1e-8
107	1e-8	2e-8
108	2e-8	4e-8
109	3e-8	7e-8
110	5e-8	1.2e-7
111	9e-8	2.1e-7
112	1.6e-7	3.6e-7
113	2.6e-7	6.3e-7
114	4.4e-7	0.00000107
115	7.4e-7	0.00000181
116	0.00000121	0.00000301
117	0.00000195	0.00000496
118	0.00000312	0.00000808
119	0.00000493	0.00001301
120	0.00000769	0.0000207
121	0.00001186	0.00003256
122	0.00001809	0.00005065
123	0.00002726	0.00007791

124	0.00004059	0.0001185
125	0.00005975	0.00017825
126	0.00008694	0.00026519
127	0.00012504	0.00039023
128	0.0001778	0.00056803
129	0.00024993	0.00081795
130	0.00034733	0.00116528
131	0.00047725	0.00164254
132	0.00064839	0.00229092
133	0.00087101	0.00316194
134	0.00115702	0.00431896
135	0.00151984	0.00583879
136	0.0019743	0.00781309
137	0.00253633	0.01034942
138	0.00322248	0.0135719
139	0.00404936	0.01762126
140	0.00503277	0.02265403
141	0.00618686	0.02884089
142	0.00752299	0.03636387
143	0.00904863	0.0454125
144	0.01076619	0.05617869
145	0.01267193	0.06885062
146	0.01475499	0.0836056
147	0.01699667	0.10060227
148	0.01937008	0.11997236
149	0.02184009	0.14181245
150	0.02436384	0.16617628
151	0.02689165	0.19306793
152	0.02936851	0.22243645
153	0.03173591	0.25417236
154	0.03393407	0.28810643
155	0.03590443	0.32401086
156	0.03759225	0.36160311
157	0.03894908	0.40055219
158	0.03993513	0.44048733
159	0.04052118	0.48100851
160	0.04069002	0.52169853
161	0.04043729	0.56213582
162	0.03977166	0.60190748
163	0.03871433	0.64062181
164	0.03729795	0.67791977
165	0.03556492	0.71348468
166	0.03356528	0.74704997
167	0.0313544	0.77840436
168	0.02899037	0.80739474
169	0.02653162	0.83392636
170	0.02403453	0.85796089

171	0.02155143	0.87951232
172	0.01912898	0.89864131
173	0.01680697	0.91544827
174	0.01461755	0.93006583
175	0.01258502	0.94265085
176	0.01072587	0.95337671
177	0.00904932	0.96242603
178	0.00755805	0.96998408
179	0.00624911	0.97623319
180	0.00511501	0.9813482
181	0.00414476	0.98549297
182	0.00332492	0.98881789
183	0.00264055	0.99145844
184	0.00207609	0.99353453
185	0.00161598	0.99515051
186	0.00124529	0.9963958
187	0.00095006	0.99734586
188	0.0007176	0.99806346
189	0.00053662	0.99860008
190	0.00039729	0.99899737
191	0.0002912	0.99928857
192	0.00021133	0.9994999
193	0.00015183	0.99965173
194	0.000108	0.99975973
195	0.00007606	0.9998358
196	0.00005304	0.99988884
197	0.00003662	0.99992545
198	0.00002503	0.99995048
199	0.00001694	0.99996742
200	0.00001135	0.99997876
201	0.00000753	0.99998629
202	0.00000494	0.99999123
203	0.00000321	0.99999445
204	0.00000207	0.99999652
205	0.00000132	0.99999784
206	8.3e-7	0.99999867
207	5.2e-7	0.99999919
208	3.2e-7	0.99999951
209	2e-7	0.99999971
210	1.2e-7	0.99999983
211	7e-8	0.9999999
212	4e-8	0.99999994
213	3e-8	0.99999997
214	1e-8	0.99999998
215	1e-8	0.99999999
216	0	0.99999999
217	0	1

...	...	...
400	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 400**
Erwartungswert: μ = 160		
Standardabweichung: σ = 9.798		
1σ-Intervall: p(151≤X≤169) = 0.66775008		
2σ-Intervall: p(141≤X≤179) = 0.95357916		
3σ-Intervall: p(131≤X≤189) = 0.9974348		

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p = 0.4		**n = 410**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
108	0	0
109	0	1e-8
110	1e-8	2e-8
111	1e-8	3e-8
112	2e-8	5e-8
113	4e-8	1e-7
114	7e-8	1.7e-7
115	1.2e-7	2.9e-7
116	2.1e-7	5.1e-7
117	3.5e-7	8.6e-7
118	5.9e-7	0.00000145
119	9.6e-7	0.00000241
120	0.00000155	0.00000396
121	0.00000248	0.00000645
122	0.00000392	0.00001037
123	0.00000612	0.00001649
124	0.00000944	0.00002593
125	0.00001441	0.00004034
126	0.00002172	0.00006206
127	0.00003239	0.00009445
128	0.00004774	0.00014218
129	0.00006957	0.00021175
130	0.00010025	0.000312
131	0.00014285	0.00045485
132	0.00020129	0.00065613
133	0.00028049	0.00093662
134	0.00038654	0.00132316
135	0.00052684	0.00185001
136	0.00071021	0.00256021

137	0.00094694	0.00350715
138	0.00124886	0.00475602
139	0.00162921	0.00638523
140	0.00210246	0.00848769
141	0.00268399	0.01117169
142	0.00338964	0.01456133
143	0.00423508	0.01879641
144	0.00523503	0.02403144
145	0.00640238	0.03043383
146	0.00774717	0.038181
147	0.00927553	0.04745653
148	0.01098858	0.05844511
149	0.01288146	0.07132657
150	0.0149425	0.08626907
151	0.01715254	0.10342161
152	0.01948468	0.12290629
153	0.02190435	0.14481063
154	0.02436977	0.1691804
155	0.02683295	0.19601335
156	0.02924104	0.22525439
157	0.0315381	0.25679249
158	0.03366726	0.29045975
159	0.03557295	0.3260327
160	0.03720338	0.36323608
161	0.03851281	0.40174889
162	0.03946375	0.44121264
163	0.04002867	0.48124131
164	0.04019139	0.5214327
165	0.0399478	0.5613805
166	0.03930607	0.60068657
167	0.03828615	0.63897272
168	0.03691879	0.67589151
169	0.03524397	0.71113549
170	0.03330901	0.7444445
171	0.03116633	0.77561082
172	0.02887113	0.80448195
173	0.02647911	0.83096106
174	0.02404425	0.85500531
175	0.02161693	0.87662224
176	0.01924234	0.89586458
177	0.01695935	0.91282393
178	0.01479973	0.92762366
179	0.01278785	0.94041151
180	0.01094072	0.95135223
181	0.00926838	0.9606206
182	0.00777457	0.96839518
183	0.00645757	0.97485275

184	0.00531112	0.98016386
185	0.00432545	0.98448931
186	0.00348827	0.98797758
187	0.00278564	0.99076322
188	0.00220283	0.99296605
189	0.00172497	0.99469101
190	0.0013376	0.99602862
191	0.00102713	0.99705575
192	0.00078105	0.9978368
193	0.00058815	0.99842494
194	0.00043858	0.99886353
195	0.00032388	0.9991874
196	0.00023685	0.99942425
197	0.00017153	0.99959578
198	0.00012301	0.99971879
199	0.00008737	0.99980616
200	0.00006145	0.9998676
201	0.0000428	0.9999104
202	0.00002952	0.99993992
203	0.00002017	0.99996009
204	0.00001364	0.99997373
205	0.00000914	0.99998287
206	0.00000606	0.99998893
207	0.00000398	0.99999292
208	0.00000259	0.99999551
209	0.00000167	0.99999718
210	0.00000107	0.99999824
211	6.7e-7	0.99999892
212	4.2e-7	0.99999934
213	2.6e-7	0.9999996
214	1.6e-7	0.99999976
215	1e-7	0.99999986
216	6e-8	0.99999992
217	3e-8	0.99999995
218	2e-8	0.99999997
219	1e-8	0.99999998
220	1e-8	0.99999999
221	0	0.99999999
222	0	1
...	...	...
410	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 410**

Erwartungswert:
μ = 164

Standardabweichung:
σ = 9.92

1σ-Intervall:
p(155≤X≤173) = 0.66178066

2σ-Intervall: p(145≤X≤183) = 0.9508213
3σ-Intervall: p(135≤X≤193) = 0.99710178

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p = 0.4		n = 420
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
111	0	0
112	0	1e-8
113	1e-8	1e-8
114	1e-8	2e-8
115	2e-8	4e-8
116	3e-8	8e-8
117	6e-8	1.4e-7
118	1e-7	2.4e-7
119	1.7e-7	4.1e-7
120	2.8e-7	6.9e-7
121	4.7e-7	0.00000116
122	7.7e-7	0.00000193
123	0.00000124	0.00000316
124	0.00000198	0.00000514
125	0.00000312	0.00000826
126	0.00000487	0.00001314
127	0.00000752	0.00002066
128	0.00001148	0.00003213
129	0.00001732	0.00004945
130	0.00002584	0.00007529
131	0.00003814	0.00011344
132	0.00005567	0.00016911
133	0.00008037	0.00024947
134	0.00011475	0.00036422
135	0.00016207	0.00052629
136	0.00022642	0.00075271
137	0.00031291	0.00106562
138	0.0004278	0.00149342
139	0.0005786	0.00207202
140	0.00077422	0.00284625
141	0.00102498	0.00387123
142	0.00134258	0.0052138
143	0.00174003	0.00695383
144	0.00223143	0.00918526
145	0.00283161	0.01201687
146	0.00355567	0.01557254
147	0.00441838	0.01999092
148	0.00543342	0.02542434

149	0.00661248	0.03203682
150	0.00796436	0.04000118
151	0.00949394	0.04949513
152	0.01120119	0.06069632
153	0.01308026	0.07377657
154	0.01511874	0.08889531
155	0.01729714	0.10619244
156	0.01958864	0.12578108
157	0.02195924	0.14774032
158	0.02436827	0.17210858
159	0.02676933	0.19887792
160	0.02911165	0.22798956
161	0.03134173	0.2593313
162	0.03340539	0.29273669
163	0.03524986	0.32798654
164	0.03682607	0.36481261
165	0.0380908	0.40290341
166	0.03900865	0.44191207
167	0.03955368	0.48146575
168	0.03971064	0.5211764
169	0.03947567	0.56065207
170	0.03885644	0.59950851
171	0.03787178	0.63738029
172	0.03655067	0.67393096
173	0.03493089	0.70886185
174	0.0330572	0.74191905
175	0.03097932	0.77289837
176	0.02874975	0.80164812
177	0.02642161	0.82806973
178	0.02404664	0.85211637
179	0.02167332	0.87378969
180	0.01934544	0.89313513
181	0.01710095	0.91023608
182	0.01497116	0.92520724
183	0.01298046	0.93818769
184	0.01114626	0.94933396
185	0.00947934	0.9588133
186	0.00798439	0.96679769
187	0.00666078	0.97345847
188	0.00550341	0.97896188
189	0.00450367	0.98346555
190	0.00365034	0.98711589
191	0.00293047	0.99004636
192	0.00233013	0.99237649
193	0.00183513	0.99421162
194	0.00143153	0.99564314
195	0.00110607	0.99674921

196	0.00084648	0.99759569
197	0.00064166	0.99823736
198	0.00048179	0.99871914
199	0.00035831	0.99907746
200	0.00026396	0.99934142
201	0.00019261	0.99953402
202	0.00013921	0.99967323
203	0.00009966	0.9997729
204	0.00007068	0.99984358
205	0.00004965	0.99989322
206	0.00003454	0.99992777
207	0.00002381	0.99995157
208	0.00001625	0.99996783
209	0.00001099	0.99997882
210	0.00000736	0.99998618
211	0.00000488	0.99999107
212	0.00000321	0.99999428
213	0.00000209	0.99999637
214	0.00000135	0.99999771
215	8.6e-7	0.99999858
216	5.4e-7	0.99999912
217	3.4e-7	0.99999946
218	2.1e-7	0.99999967
219	1.3e-7	0.9999998
220	8e-8	0.99999988
221	5e-8	0.99999993
222	3e-8	0.99999996
223	2e-8	0.99999998
224	1e-8	0.99999999
225	1e-8	0.99999999
226	0	1
...	...	...
420	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 420**

Erwartungswert:
μ = 168

Standardabweichung:
σ = 10.04

1σ-Intervall:
p(158≤X≤178) = 0.70437605

2σ-Intervall:
p(148≤X≤188) = 0.95897096

3σ-Intervall:
p(138≤X≤198) = 0.99765352

p = 0.4		n = 430
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
114	0	0
115	0	1e-8
116	0	1e-8
117	1e-8	2e-8
118	2e-8	4e-8
119	3e-8	6e-8
120	5e-8	1.1e-7
121	8e-8	1.9e-7
122	1.4e-7	3.3e-7
123	2.3e-7	5.5e-7
124	3.7e-7	9.3e-7
125	6.1e-7	0.00000154
126	9.9e-7	0.00000253
127	0.00000158	0.0000041
128	0.00000249	0.00000659
129	0.00000388	0.00001047
130	0.00000599	0.00001646
131	0.00000914	0.0000256
132	0.00001381	0.00003941
133	0.00002063	0.00006004
134	0.00003048	0.00009052
135	0.00004455	0.00013507
136	0.00006442	0.00019949
137	0.00009217	0.00029166
138	0.00013046	0.00042212
139	0.00018271	0.00060483
140	0.00025318	0.00085802
141	0.00034715	0.00120517
142	0.00047102	0.00167619
143	0.00063242	0.00230861
144	0.0008403	0.00314891
145	0.00110495	0.00425386
146	0.00143794	0.0056918
147	0.00185204	0.00754385
148	0.00236094	0.00990479
149	0.0029789	0.01288369
150	0.00372032	0.01660401
151	0.00459907	0.02120309
152	0.00562781	0.0268309
153	0.00681713	0.03364803
154	0.00817466	0.04182268
155	0.00970411	0.05152679
156	0.0114044	0.06293119

157	0.01326881	0.0762
158	0.01528433	0.09148433
159	0.01743118	0.10891551
160	0.01968271	0.12859822
161	0.02200552	0.15060374
162	0.02436002	0.17496375
163	0.02670137	0.20166512
164	0.02898075	0.23064587
165	0.03114699	0.26179286
166	0.0331484	0.29494126
167	0.03493484	0.3298761
168	0.03645978	0.36633588
169	0.03768229	0.40401817
170	0.03856894	0.44258711
171	0.03909522	0.48168233
172	0.03924675	0.52092908
173	0.03901989	0.55994897
174	0.03842188	0.59837085
175	0.03747048	0.63584134
176	0.03619308	0.67203442
177	0.0346254	0.70665981
178	0.03280983	0.73946965
179	0.03079359	0.77026323
180	0.02862663	0.79888986
181	0.0263597	0.82524956
182	0.02404236	0.84929192
183	0.02172133	0.87101325
184	0.01943902	0.89045227
185	0.01723243	0.90768469
186	0.01513242	0.92281711
187	0.01316331	0.93598042
188	0.01134286	0.94732328
189	0.00968244	0.95700572
190	0.00818761	0.96519332
191	0.00685873	0.97205205
192	0.00569179	0.97774384
193	0.00467926	0.9824231
194	0.00381095	0.98623405
195	0.00307481	0.98930886
196	0.00245776	0.99176662
197	0.00194625	0.99371287
198	0.00152685	0.99523972
199	0.0011867	0.99642642
200	0.00091376	0.99734018
201	0.00069706	0.99803724
202	0.00052682	0.99856407
203	0.00039447	0.99895853

204	0.00029263	0.99925116
205	0.00021507	0.99946623
206	0.0001566	0.99962284
207	0.00011298	0.99973581
208	0.00008075	0.99981656
209	0.00005718	0.99987375
210	0.00004012	0.99991386
211	0.00002789	0.99994175
212	0.0000192	0.99996095
213	0.0000131	0.99997406
214	0.00000886	0.99998292
215	0.00000593	0.99998885
216	0.00000394	0.99999279
217	0.00000259	0.99999537
218	0.00000169	0.99999706
219	0.00000109	0.99999815
220	7e-7	0.99999884
221	4.4e-7	0.99999929
222	2.8e-7	0.99999956
223	1.7e-7	0.99999973
224	1.1e-7	0.99999984
225	6e-8	0.9999999
226	4e-8	0.99999994
227	2e-8	0.99999997
228	1e-8	0.99999998
229	1e-8	0.99999999
230	0	0.99999999
231	0	1
...	...	...
430	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 430**
Erwartungswert: μ = 172		
Standardabweichung: σ = 10.159		
1σ-Intervall: p(162≤X≤182) = 0.69868818		
2σ-Intervall: p(152≤X≤192) = 0.95654076		
3σ-Intervall: p(142≤X≤202) = 0.99735889		

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p = 0.4		**n = 440**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
118	0	0

119	0	1e-8
120	1e-8	2e-8
121	1e-8	3e-8
122	2e-8	5e-8
123	4e-8	9e-8
124	6e-8	1.5e-7
125	1.1e-7	2.6e-7
126	1.8e-7	4.4e-7
127	3e-7	7.4e-7
128	4.9e-7	0.00000123
129	7.9e-7	0.00000202
130	0.00000126	0.00000327
131	0.00000198	0.00000525
132	0.00000309	0.00000835
133	0.00000477	0.00001312
134	0.00000729	0.00002041
135	0.00001101	0.00003142
136	0.00001647	0.00004788
137	0.00002436	0.00007224
138	0.00003565	0.0001079
139	0.00005164	0.00015954
140	0.00007402	0.00023356
141	0.000105	0.00033856
142	0.00014739	0.00048595
143	0.00020477	0.00069072
144	0.00028155	0.00097227
145	0.00038317	0.00135544
146	0.00051614	0.00187158
147	0.00068819	0.00255977
148	0.00090829	0.00346806
149	0.00118667	0.00465472
150	0.00153475	0.00618948
151	0.00196503	0.0081545
152	0.00249076	0.01064526
153	0.00312566	0.01377092
154	0.00388339	0.01765431
155	0.00477699	0.0224313
156	0.00581813	0.02824942
157	0.00701634	0.03526577
158	0.00837816	0.04364393
159	0.00990625	0.05355018
160	0.01159857	0.06514876
161	0.01344762	0.07859638
162	0.01543986	0.09403624
163	0.01755534	0.11159158
164	0.0197676	0.13135918
165	0.02204387	0.15340306

166	0.02434564	0.1777487
167	0.02662956	0.20437826
168	0.02884869	0.23322696
169	0.03095402	0.26418098
170	0.03289624	0.29707721
171	0.03462762	0.33170483
172	0.03610399	0.36780882
173	0.03728659	0.4050954
174	0.03814375	0.44323915
175	0.03865233	0.48189148
176	0.03879874	0.52069023
177	0.03857954	0.55926977
178	0.03800157	0.59727133
179	0.03708161	0.63435294
180	0.03584555	0.67019849
181	0.03432723	0.70452572
182	0.03256686	0.73709259
183	0.03060929	0.76770188
184	0.02850213	0.796204
185	0.02629386	0.82249786
186	0.02403202	0.84652988
187	0.02176161	0.86829149
188	0.01952372	0.88781521
189	0.01735442	0.90516963
190	0.01528406	0.92045369
191	0.01333688	0.93379057
192	0.01153084	0.94532142
193	0.00987789	0.95519931
194	0.00838433	0.96358363
195	0.00705143	0.97063507
196	0.00587619	0.97651126
197	0.00485209	0.98136335
198	0.00396989	0.98533324
199	0.00321847	0.98855171
200	0.0025855	0.99113721
201	0.00205811	0.99319532
202	0.0016234	0.99481872
203	0.00126886	0.99608758
204	0.00098275	0.99707032
205	0.00075424	0.99782456
206	0.00057361	0.99839817
207	0.00043229	0.99883046
208	0.00032283	0.99915329
209	0.0002389	0.99939219
210	0.0001752	0.99956739
211	0.00012731	0.9996947
212	0.00009168	0.99978638

213	0.00006543	0.99985181
214	0.00004627	0.99989808
215	0.00003242	0.9999305
216	0.00002252	0.99995302
217	0.00001549	0.99996851
218	0.00001057	0.99997908
219	0.00000714	0.99998622
220	0.00000478	0.999991
221	0.00000317	0.99999417
222	0.00000209	0.99999626
223	0.00000136	0.99999762
224	8.8e-7	0.9999985
225	5.6e-7	0.99999906
226	3.6e-7	0.99999942
227	2.2e-7	0.99999964
228	1.4e-7	0.99999978
229	9e-8	0.99999987
230	5e-8	0.99999992
231	3e-8	0.99999995
232	2e-8	0.99999997
233	1e-8	0.99999998
234	1e-8	0.99999999
235	0	0.99999999
236	0	1
...	...	...
440	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 440**
Erwartungswert: μ = 176		
Standardabweichung: σ = 10.276		
1σ-Intervall: p(166≤X≤186) = 0.69312682		
2σ-Intervall: p(156≤X≤196) = 0.95407996		
3σ-Intervall: p(146≤X≤206) = 0.99704273		

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p = 0.4		**n = 450**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
121	0	0
122	0	1e-8
123	1e-8	1e-8
124	1e-8	2e-8
125	2e-8	4e-8

126	3e-8	7e-8
127	5e-8	1.2e-7
128	9e-8	2.1e-7
129	1.5e-7	3.6e-7
130	2.4e-7	6e-7
131	3.9e-7	9.9e-7
132	6.3e-7	0.00000161
133	0.000001	0.00000261
134	0.00000158	0.00000419
135	0.00000246	0.00000665
136	0.0000038	0.00001046
137	0.00000581	0.00001627
138	0.00000879	0.00002505
139	0.00001315	0.0000382
140	0.00001947	0.00005767
141	0.00002854	0.0000862
142	0.0000414	0.0001276
143	0.00005944	0.00018704
144	0.00008449	0.00027153
145	0.00011886	0.00039039
146	0.00016554	0.00055593
147	0.00022823	0.00078416
148	0.0003115	0.00109565
149	0.00042091	0.00151656
150	0.00056308	0.00207964
151	0.0007458	0.00282544
152	0.00097804	0.00380348
153	0.00126996	0.00507344
154	0.00163281	0.00670625
155	0.00207876	0.00878501
156	0.00262066	0.01140567
157	0.00327165	0.01467732
158	0.0040447	0.01872202
159	0.004952	0.02367403
160	0.0060043	0.02967833
161	0.00721014	0.03688846
162	0.00857502	0.04546348
163	0.01010063	0.05556412
164	0.01178407	0.06734819
165	0.01361715	0.08096534
166	0.0155859	0.09655124
167	0.01767024	0.11422147
168	0.01984396	0.13406543
169	0.02207493	0.15614036
170	0.02432571	0.18046607
171	0.02655438	0.20702046
172	0.02871579	0.23573624

173	0.03076296	0.2664992
174	0.03264881	0.29914802
175	0.0343279	0.33347591
176	0.03575822	0.36923414
177	0.03690303	0.40613716
178	0.03773231	0.44386947
179	0.03822416	0.48209363
180	0.03836573	0.52045937
181	0.03815377	0.55861314
182	0.03759474	0.59620788
183	0.03670452	0.63291239
184	0.03550763	0.66842002
185	0.03403614	0.70245617
186	0.03232824	0.7347844
187	0.03042658	0.76521098
188	0.02837656	0.79358754
189	0.02622454	0.81981208
190	0.02401616	0.84382824
191	0.02179477	0.86562302
192	0.01960016	0.88522317
193	0.0174675	0.90269067
194	0.01542662	0.9181173
195	0.01350159	0.93161889
196	0.01171056	0.94332945
197	0.01006593	0.95339538
198	0.00857468	0.96197007
199	0.00723893	0.969209
200	0.00605657	0.97526557
201	0.00502203	0.9802876
202	0.00412702	0.98441462
203	0.00336125	0.98777586
204	0.00271316	0.99048903
205	0.00217053	0.99265956
206	0.00172097	0.99438053
207	0.00135239	0.99573292
208	0.0010533	0.99678623
209	0.00081308	0.9975993
210	0.00062207	0.99822137
211	0.00047171	0.99869308
212	0.00035452	0.9990476
213	0.00026409	0.9993117
214	0.00019498	0.99950668
215	0.00014268	0.99964936
216	0.00010349	0.99975285
217	0.0000744	0.99982725
218	0.00005301	0.99988026
219	0.00003744	0.9999177

220	0.00002621	0.99994391
221	0.00001818	0.99996209
222	0.0000125	0.9999746
223	0.00000852	0.99998312
224	0.00000576	0.99998888
225	0.00000386	0.99999273
226	0.00000256	0.99999529
227	0.00000168	0.99999698
228	0.0000011	0.99999808
229	7.1e-7	0.99999878
230	4.5e-7	0.99999924
231	2.9e-7	0.99999953
232	1.8e-7	0.99999971
233	1.1e-7	0.99999982
234	7e-8	0.99999989
235	4e-8	0.99999994
236	3e-8	0.99999996
237	2e-8	0.99999998
238	1e-8	0.99999999
239	1e-8	0.99999999
240	0	1
...	...	...
450	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 450**
Erwartungswert: μ = 180		
Standardabweichung: σ = 10.392		
1σ-Intervall: p(170≤X≤190) = 0.68768788		
2σ-Intervall: p(160≤X≤200) = 0.95159154		
3σ-Intervall: p(149≤X≤211) = 0.99759743		

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p = 0.4		**n = 460**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
124	0	0
125	0	1e-8
126	0	1e-8
127	1e-8	2e-8
128	1e-8	3e-8
129	2e-8	6e-8
130	4e-8	1e-7
131	7e-8	1.7e-7

132	1.2e-7	2.9e-7
133	1.9e-7	4.8e-7
134	3.1e-7	7.9e-7
135	5e-7	0.00000129
136	8e-7	0.00000209
137	0.00000126	0.00000334
138	0.00000196	0.00000531
139	0.00000303	0.00000834
140	0.00000463	0.00001297
141	0.00000701	0.00001998
142	0.0000105	0.00003048
143	0.00001556	0.00004604
144	0.00002284	0.00006888
145	0.00003318	0.00010206
146	0.00004773	0.00014979
147	0.00006797	0.00021776
148	0.00009583	0.00031359
149	0.00013378	0.00044737
150	0.00018491	0.00063228
151	0.00025308	0.00088536
152	0.00034299	0.00122834
153	0.0004603	0.00168864
154	0.00061174	0.00230039
155	0.00080513	0.00310552
156	0.00104943	0.00415495
157	0.00135467	0.00550962
158	0.00173192	0.00724155
159	0.00219305	0.00943459
160	0.00275044	0.01218504
161	0.0034167	0.01560174
162	0.00420409	0.01980583
163	0.005124	0.02492983
164	0.0061863	0.03111612
165	0.00739856	0.03851468
166	0.00876536	0.04728004
167	0.01028749	0.05756753
168	0.01196125	0.06952878
169	0.01377785	0.08330663
170	0.01572296	0.09902959
171	0.01777644	0.11680603
172	0.01991237	0.1367184
173	0.02209928	0.15881768
174	0.02430074	0.18311841
175	0.02647623	0.20959465
176	0.0285823	0.23817695
177	0.03057391	0.26875085
178	0.03240605	0.30115691

179	0.03403541	0.33519231
180	0.03542203	0.37061435
181	0.03653101	0.40714536
182	0.03733389	0.44447925
183	0.03780991	0.48228916
184	0.03794691	0.52023607
185	0.03774179	0.55797786
186	0.03720069	0.59517855
187	0.03633864	0.63151719
188	0.0351789	0.66669608
189	0.03375189	0.70044797
190	0.0320939	0.73254187
191	0.03024556	0.76278743
192	0.02825019	0.79103762
193	0.02615216	0.81718978
194	0.02399528	0.84118507
195	0.02182135	0.86300642
196	0.01966891	0.88267533
197	0.01757222	0.90024755
198	0.01556059	0.91580814
199	0.01365787	0.929466
200	0.01188235	0.94134835
201	0.0102468	0.95159515
202	0.00875881	0.96035396
203	0.00742126	0.96777522
204	0.00623289	0.97400811
205	0.00518901	0.97919712
206	0.00428219	0.98347931
207	0.00350298	0.9869823
208	0.00284056	0.98982286
209	0.00228332	0.99210618
210	0.00181941	0.99392559
211	0.00143713	0.99536272
212	0.0011253	0.99648802
213	0.00087347	0.99736149
214	0.00067211	0.9980336
215	0.00051268	0.99854628
216	0.00038768	0.99893396
217	0.00029061	0.99922457
218	0.00021596	0.99944052
219	0.00015909	0.99959961
220	0.00011618	0.9997158
221	0.00008412	0.99979991
222	0.00006037	0.99986028
223	0.00004295	0.99990324
224	0.0000303	0.99993354
225	0.00002119	0.99995472

226	0.00001469	0.99996941
227	0.00001009	0.9999795
228	0.00000688	0.99998638
229	0.00000464	0.99999102
230	0.00000311	0.99999413
231	0.00000206	0.9999962
232	0.00000136	0.99999756
233	8.9e-7	0.99999844
234	5.7e-7	0.99999902
235	3.7e-7	0.99999938
236	2.3e-7	0.99999962
237	1.5e-7	0.99999976
238	9e-8	0.99999986
239	6e-8	0.99999991
240	3e-8	0.99999995
241	2e-8	0.99999997
242	1e-8	0.99999998
243	1e-8	0.99999999
244	0	0.99999999
245	0	1
...	...	...
460	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 460**
Erwartungswert: μ = 184		
Standardabweichung: σ = 10.507		
1σ-Intervall: p(174≤X≤194) = 0.68236739		
2σ-Intervall: p(163≤X≤205) = 0.9593913		
3σ-Intervall: p(153≤X≤215) = 0.99731794		

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p = 0.4		**n = 470**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
128	0	0
129	0	1e-8
130	1e-8	2e-8
131	1e-8	3e-8
132	2e-8	5e-8
133	3e-8	8e-8
134	6e-8	1.4e-7
135	9e-8	2.3e-7
136	1.5e-7	3.8e-7

137	2.5e-7	6.3e-7
138	4e-7	0.00000103
139	6.4e-7	0.00000167
140	0.000001	0.00000267
141	0.00000156	0.00000423
142	0.00000242	0.00000665
143	0.00000369	0.00001034
144	0.00000559	0.00001594
145	0.00000838	0.00002432
146	0.00001244	0.00003676
147	0.00001828	0.00005504
148	0.0000266	0.00008164
149	0.00003832	0.00011997
150	0.00005467	0.00017464
151	0.00007724	0.00025188
152	0.00010807	0.00035995
153	0.00014975	0.0005097
154	0.00020549	0.00071519
155	0.0002793	0.00099449
156	0.00037598	0.00137046
157	0.0005013	0.00187176
158	0.00066205	0.00253382
159	0.00086608	0.0033999
160	0.0011223	0.0045222
161	0.00144063	0.00596284
162	0.00183192	0.00779476
163	0.00230769	0.01010245
164	0.00287993	0.01298238
165	0.00356064	0.01654301
166	0.00436142	0.02090443
167	0.0052929	0.02619733
168	0.00636408	0.03256142
169	0.00758167	0.04014309
170	0.00894934	0.04909243
171	0.01046707	0.0595595
172	0.01213044	0.07168994
173	0.01393014	0.08562008
174	0.01585154	0.10147162
175	0.0178745	0.11934611
176	0.0199734	0.13931951
177	0.02211743	0.16143694
178	0.02427119	0.18570813
179	0.02639548	0.21210362
180	0.02844847	0.24055208
181	0.03038694	0.27093903
182	0.03216786	0.30310689
183	0.03374989	0.33685678

184	0.03509499	0.37195177
185	0.03616998	0.40812175
186	0.03694782	0.44506957
187	0.03740885	0.48247842
188	0.0375415	0.52001993
189	0.03734287	0.5573628
190	0.03681876	0.59418156
191	0.03598343	0.63016499
192	0.03485895	0.66502394
193	0.03347422	0.69849817
194	0.03186378	0.73036195
195	0.03006634	0.76042829
196	0.02812327	0.78855156
197	0.02607708	0.81462864
198	0.02396984	0.83859848
199	0.02184187	0.86044035
200	0.01973049	0.88017083
201	0.01766909	0.89783992
202	0.01568642	0.91352635
203	0.01380611	0.92733246
204	0.01204651	0.93937897
205	0.01042072	0.94979968
206	0.00893686	0.95873655
207	0.00759849	0.96633504
208	0.00640514	0.97274018
209	0.00535294	0.97809312
210	0.00443529	0.98252841
211	0.00364353	0.98617194
212	0.00296753	0.98913946
213	0.00239631	0.99153578
214	0.00191854	0.99345432
215	0.00152294	0.99497726
216	0.00119861	0.99617586
217	0.00093532	0.99711118
218	0.00072366	0.99783484
219	0.00055513	0.99838997
220	0.00042224	0.99881221
221	0.00031843	0.99913064
222	0.00023811	0.99936874
223	0.00017653	0.99954528
224	0.00012977	0.99967505
225	0.00009459	0.99976964
226	0.00006836	0.999838
227	0.00004899	0.99988699
228	0.00003481	0.99992179
229	0.00002452	0.99994632
230	0.00001713	0.99996345

231	0.00001186	0.99997531
232	0.00000815	0.99998346
233	0.00000555	0.99998901
234	0.00000375	0.99999275
235	0.00000251	0.99999526
236	0.00000167	0.99999693
237	0.0000011	0.99999802
238	7.2e-7	0.99999874
239	4.6e-7	0.9999992
240	3e-7	0.9999995
241	1.9e-7	0.99999969
242	1.2e-7	0.99999981
243	7e-8	0.99999988
244	5e-8	0.99999993
245	3e-8	0.99999996
246	2e-8	0.99999997
247	1e-8	0.99999998
248	1e-8	0.99999999
249	0	0.99999999
250	0	1
...	...	...
470	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 470**
Erwartungswert: μ = 188		
Standardabweichung: σ = 10.621		
1σ-Intervall: p(178≤X≤198) = 0.67716154		
2σ-Intervall: p(167≤X≤209) = 0.95718869		
3σ-Intervall: p(157≤X≤219) = 0.99701951		

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p = 0.4		**n = 480**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
131	0	0
132	0	1e-8
133	1e-8	1e-8
134	1e-8	2e-8
135	2e-8	4e-8
136	3e-8	6e-8
137	4e-8	1.1e-7
138	7e-8	1.8e-7
139	1.2e-7	3.1e-7

140	2e-7	5e-7
141	3.2e-7	8.2e-7
142	5.1e-7	0.00000133
143	8e-7	0.00000213
144	0.00000125	0.00000338
145	0.00000193	0.0000053
146	0.00000295	0.00000825
147	0.00000446	0.00001272
148	0.0000067	0.00001941
149	0.00000995	0.00002936
150	0.00001463	0.00004399
151	0.00002132	0.00006532
152	0.00003077	0.00009608
153	0.00004397	0.00014005
154	0.00006224	0.0002023
155	0.00008728	0.00028957
156	0.00012122	0.00041079
157	0.00016677	0.00057756
158	0.00022729	0.00080485
159	0.00030686	0.00111171
160	0.00041043	0.00152213
161	0.00054383	0.00206597
162	0.00071392	0.00277989
163	0.00092854	0.00370843
164	0.00119653	0.00490496
165	0.00152769	0.00643265
166	0.00193262	0.00836527
167	0.00242253	0.0107878
168	0.00300893	0.01379674
169	0.0037033	0.01750004
170	0.00451658	0.02201662
171	0.00545863	0.02747525
172	0.00653766	0.03401291
173	0.00775954	0.04177245
174	0.00912712	0.05089957
175	0.01063962	0.06153919
176	0.01229198	0.07383117
177	0.01407443	0.0879056
178	0.01597211	0.10387771
179	0.01796491	0.12184262
180	0.02002754	0.14187016
181	0.02212988	0.16400004
182	0.02423749	0.18823753
183	0.02631247	0.21455
184	0.0283145	0.2428645
185	0.03020213	0.27306663
186	0.03193416	0.30500079

187	0.03347109	0.33847188
188	0.0347767	0.37324859
189	0.03581939	0.40906798
190	0.03657348	0.44564146
191	0.03702028	0.48266174
192	0.03714882	0.51981057
193	0.03695634	0.55676691
194	0.03644835	0.59321526
195	0.03563839	0.62885365
196	0.03454742	0.66340107
197	0.03320293	0.696604
198	0.03163781	0.72824181
199	0.02988899	0.7581308
200	0.02799602	0.78612682
201	0.02599962	0.81212643
202	0.02394024	0.83606668
203	0.02185677	0.85792345
204	0.01978538	0.87770883
205	0.01775858	0.89546742
206	0.01580457	0.91127198
207	0.0139467	0.92521868
208	0.01220336	0.93742205
209	0.01058793	0.94800997
210	0.00910898	0.95711895
211	0.00777069	0.96488965
212	0.00657332	0.97146297
213	0.00551377	0.97697674
214	0.00458622	0.98156296
215	0.00378274	0.98534571
216	0.00309391	0.98843962
217	0.00250935	0.99094896
218	0.00201822	0.99296719
219	0.00160966	0.99457685
220	0.0012731	0.99584994
221	0.00099851	0.99684845
222	0.00077662	0.99762507
223	0.000599	0.99822407
224	0.00045817	0.99868224
225	0.00034753	0.99902977
226	0.00026142	0.99929118
227	0.00019501	0.99948619
228	0.00014426	0.99963045
229	0.00010583	0.99973628
230	0.000077	0.99981327
231	0.00005555	0.99986883
232	0.00003975	0.99990858
233	0.00002821	0.99993678

234	0.00001985	0.99995663
235	0.00001385	0.99997048
236	0.00000959	0.99998007
237	0.00000658	0.99998665
238	0.00000448	0.99999113
239	0.00000302	0.99999415
240	0.00000202	0.99999617
241	0.00000134	0.99999752
242	8.8e-7	0.9999984
243	5.8e-7	0.99999898
244	3.7e-7	0.99999935
245	2.4e-7	0.99999959
246	1.5e-7	0.99999975
247	1e-7	0.99999984
248	6e-8	0.9999999
249	4e-8	0.99999994
250	2e-8	0.99999996
251	1e-8	0.99999998
252	1e-8	0.99999999
253	1e-8	0.99999999
254	0	1
...	...	...
480	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 480**
Erwartungswert: μ = 192		
Standardabweichung: σ = 10.733		
1σ-Intervall: p(182≤X≤202) = 0.67206663		
2σ-Intervall: p(171≤X≤213) = 0.95496012		
3σ-Intervall: p(160≤X≤224) = 0.99757053		

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p = 0.4		**n = 490**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
134	0	0
135	0	1e-8
136	0	1e-8
137	1e-8	2e-8
138	1e-8	3e-8
139	2e-8	5e-8
140	4e-8	9e-8
141	6e-8	1.5e-7

142	1e-7	2.4e-7
143	1.6e-7	4e-7
144	2.5e-7	6.6e-7
145	4e-7	0.00000106
146	6.4e-7	0.0000017
147	9.9e-7	0.00000269
148	0.00000154	0.00000423
149	0.00000235	0.00000658
150	0.00000356	0.00001015
151	0.00000535	0.0000155
152	0.00000795	0.00002345
153	0.00001171	0.00003517
154	0.00001709	0.00005226
155	0.0000247	0.00007696
156	0.00003536	0.00011232
157	0.00005015	0.00016246
158	0.00007046	0.00023293
159	0.00009809	0.00033101
160	0.00013528	0.00046629
161	0.00018485	0.00065114
162	0.00025027	0.00090141
163	0.00033574	0.00123715
164	0.00044629	0.00168344
165	0.00058784	0.00227128
166	0.00076726	0.00303854
167	0.00099238	0.00403092
168	0.00127198	0.00530291
169	0.0016157	0.0069186
170	0.00203388	0.00895248
171	0.00253739	0.01148987
172	0.00313732	0.01462719
173	0.00384457	0.01847176
174	0.00466946	0.02314122
175	0.00562114	0.02876236
176	0.00670704	0.03546941
177	0.00793225	0.04340166
178	0.00929885	0.05270051
179	0.01080537	0.06350588
180	0.01244619	0.07595207
181	0.01421112	0.09016318
182	0.01608511	0.10624829
183	0.01804814	0.12429643
184	0.02007528	0.14437171
185	0.02213707	0.16650878
186	0.02420002	0.1907088
187	0.02622747	0.21693628
188	0.02818058	0.24511686

189	0.03001953	0.27513639
190	0.03170484	0.30684123
191	0.03319878	0.34004001
192	0.03446679	0.3745068
193	0.03547877	0.40998556
194	0.03621029	0.44619585
195	0.03664357	0.48283943
196	0.03676821	0.51960764
197	0.03658157	0.55618921
198	0.03608889	0.5922781
199	0.03530304	0.62758114
200	0.03424394	0.66182508
201	0.03293779	0.69476287
202	0.03141591	0.72617878
203	0.02971357	0.75589236
204	0.02786861	0.78376097
205	0.02592007	0.80968104
206	0.02390687	0.83358791
207	0.0218665	0.85545441
208	0.01983404	0.87528846
209	0.01784115	0.8931296
210	0.01591544	0.90904504
211	0.01408001	0.92312504
212	0.01235321	0.93547826
213	0.01074865	0.94622691
214	0.00927531	0.95550222
215	0.00793794	0.96344016
216	0.00673745	0.97017762
217	0.00567146	0.97584908
218	0.00473489	0.98058397
219	0.00392052	0.98450449
220	0.00321958	0.98772407
221	0.00262228	0.99034635
222	0.0021183	0.99246465
223	0.00169717	0.99416182
224	0.00134865	0.99551047
225	0.00106293	0.9965734
226	0.00083091	0.99740431
227	0.00064423	0.99804853
228	0.00049541	0.99854395
229	0.00037787	0.99892182
230	0.00028587	0.99920769
231	0.0002145	0.99942219
232	0.00015964	0.99958183
233	0.00011785	0.99969968
234	0.00008629	0.99978597
235	0.00006267	0.99984864

236	0.00004514	0.99989378
237	0.00003225	0.99992603
238	0.00002286	0.99994889
239	0.00001607	0.99996496
240	0.0000112	0.99997616
241	0.00000775	0.99998391
242	0.00000531	0.99998922
243	0.00000362	0.99999284
244	0.00000244	0.99999528
245	0.00000163	0.99999691
246	0.00000108	0.99999799
247	7.1e-7	0.99999871
248	4.7e-7	0.99999917
249	3e-7	0.99999948
250	1.9e-7	0.99999967
251	1.2e-7	0.99999979
252	8e-8	0.99999987
253	5e-8	0.99999992
254	3e-8	0.99999995
255	2e-8	0.99999997
256	1e-8	0.99999998
257	1e-8	0.99999999
258	0	0.99999999
259	0	1
...	...	...
490	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 490**
Erwartungswert: μ = 196		
Standardabweichung: σ = 10.844		
1σ-Intervall: p(186≤X≤206) = 0.66707913		
2σ-Intervall: p(175≤X≤217) = 0.95270786		
3σ-Intervall: p(164≤X≤228) = 0.9973068		

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p = 0.4		**n = 500**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
138	0	0
139	0	1e-8
140	1e-8	1e-8
141	1e-8	2e-8
142	2e-8	4e-8

143	3e-8	7e-8
144	5e-8	1.2e-7
145	8e-8	2e-7
146	1.3e-7	3.2e-7
147	2e-7	5.3e-7
148	3.2e-7	8.5e-7
149	5.1e-7	0.00000136
150	7.9e-7	0.00000215
151	0.00000123	0.00000338
152	0.00000188	0.00000525
153	0.00000285	0.0000081
154	0.00000427	0.00001237
155	0.00000636	0.00001873
156	0.00000938	0.00002811
157	0.0000137	0.00004181
158	0.00001983	0.00006164
159	0.00002843	0.00009007
160	0.0000404	0.00013047
161	0.00005687	0.00018734
162	0.00007934	0.00026668
163	0.00010968	0.00037636
164	0.00015025	0.00052661
165	0.00020398	0.00073059
166	0.00027443	0.00100501
167	0.00036591	0.00137092
168	0.00048352	0.00185444
169	0.00063325	0.00248768
170	0.00082198	0.00330966
171	0.00105752	0.00436718
172	0.00134854	0.00571571
173	0.00170451	0.00742022
174	0.00213553	0.00955575
175	0.00265213	0.01220788
176	0.00326493	0.01547282
177	0.00398432	0.01945714
178	0.00481999	0.02427713
179	0.0057804	0.03005752
180	0.00687225	0.03692977
181	0.00809989	0.04502966
182	0.0094647	0.05449436
183	0.01096457	0.06545893
184	0.01259337	0.0780523
185	0.01434056	0.09239286
186	0.01619095	0.10858381
187	0.01812463	0.12670844
188	0.02011705	0.1468255
189	0.0221394	0.1689649

190	0.02415914	0.19312404
191	0.02614078	0.21926482
192	0.02804688	0.24731169
193	0.02983916	0.27715086
194	0.03147981	0.30863066
195	0.03293272	0.34156338
196	0.0341649	0.37572828
197	0.03514764	0.41087592
198	0.0358577	0.44673362
199	0.03627814	0.48301176
200	0.03639907	0.51941082
201	0.03621798	0.5556288
202	0.03573985	0.59136865
203	0.03497693	0.62634558
204	0.0339482	0.66029378
205	0.03267859	0.69297237
206	0.03119801	0.72417037
207	0.02954014	0.75371052
208	0.02774122	0.78145174
209	0.02583871	0.80729045
210	0.02387005	0.8311605
211	0.02187145	0.85303196
212	0.01987689	0.87290884
213	0.01791719	0.89082604
214	0.01601942	0.90684546
215	0.01420637	0.92105183
216	0.01249634	0.93354817
217	0.01090311	0.94445128
218	0.00943602	0.95388731
219	0.00810033	0.96198764
220	0.00689755	0.96888519
221	0.00582599	0.97471118
222	0.00488123	0.97959241
223	0.00405675	0.98364916
224	0.0033444	0.98699357
225	0.00273498	0.98972855
226	0.00221864	0.99194719
227	0.00178534	0.99373253
228	0.00142514	0.99515767
229	0.00112849	0.99628616
230	0.00088644	0.9971726
231	0.00069073	0.99786333
232	0.00053393	0.99839726
233	0.00040942	0.99880668
234	0.00031144	0.99911812
235	0.00023502	0.99935314
236	0.00017593	0.99952907

237	0.00013065	0.99965972
238	0.00009625	0.99975597
239	0.00007034	0.99982631
240	0.000051	0.9998773
241	0.00003668	0.99991398
242	0.00002617	0.99994015
243	0.00001852	0.99995867
244	0.00001301	0.99997168
245	0.00000906	0.99998074
246	0.00000626	0.999987
247	0.00000429	0.99999129
248	0.00000292	0.99999421
249	0.00000197	0.99999618
250	0.00000132	0.9999975
251	8.8e-7	0.99999838
252	5.8e-7	0.99999895
253	3.8e-7	0.99999933
254	2.4e-7	0.99999958
255	1.6e-7	0.99999973
256	1e-7	0.99999983
257	6e-8	0.9999999
258	4e-8	0.99999994
259	2e-8	0.99999996
260	2e-8	0.99999998
261	1e-8	0.99999999
262	1e-8	0.99999999
263	0	0.99999999
264	0	1
...	...	...
500	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.4		**n = 500**

Erwartungswert:
μ = 200

Standardabweichung:
σ = 10.954

1σ-Intervall:
p(190≤X≤210) = 0.6621956

2σ-Intervall:
p(179≤X≤221) = 0.95043405

3σ-Intervall:
p(168≤X≤232) = 0.99702634