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Mathematik > Wahrscheinlichkeitstafeln > Binomialverteilung

Wahrscheinlichkeitstafel: Binomialverteilung B(100, 0.1) bis B(500, 0.1) (Schrittweite 10)

100- bis 500-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit p = 0.1, 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 = 0.1		n = 100
k	**p(X=k)**	**p(x≤k)**
0	0.00002656	0.00002656
1	0.00029513	0.00032169
2	0.0016232	0.00194488
3	0.0058916	0.00783649
4	0.0158746	0.02371108
5	0.0338658	0.05757689
6	0.05957873	0.11715562
7	0.08889525	0.20605086
8	0.11482303	0.32087389
9	0.13041628	0.45129017
10	0.13186535	0.58315551
11	0.11987759	0.7030331
12	0.09878801	0.80182111
13	0.07430209	0.87612321
14	0.05130383	0.92742703
15	0.03268244	0.96010947
16	0.01929172	0.97940119
17	0.01059153	0.98999272
18	0.00542653	0.99541925
19	0.00260219	0.99802144
20	0.00117099	0.99919243
21	0.00049566	0.99968808
22	0.00019776	0.99988584
23	0.00007452	0.99996036
24	0.00002656	0.99998693
25	0.00000897	0.9999959
26	0.00000288	0.99999878
27	8.8e-7	0.99999965
28	2.5e-7	0.99999991
29	7e-8	0.99999998
30	2e-8	0.99999999
31	0	1
...	...	...
100	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 100**
Erwartungswert: μ = 10		

Standardabweichung: σ = 3
1σ-Intervall: p(7≤X≤13) = 0.75896759
2σ-Intervall: p(4≤X≤16) = 0.9715647
3σ-Intervall: p(1≤X≤19) = 0.99799488

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p = 0.1		n = 110
k	**p(X=k)**	**p(x≤k)**
0	0.00000926	0.00000926
1	0.00011319	0.00012246
2	0.00068546	0.00080791
3	0.00274183	0.00354974
4	0.00814932	0.01169906
5	0.01919618	0.03089524
6	0.03732591	0.06822115
7	0.06161737	0.12983852
8	0.08814707	0.21798559
9	0.11100001	0.32898561
10	0.12456668	0.45355229
11	0.12582493	0.57937722
12	0.11533952	0.69471674
13	0.09660917	0.79132591
14	0.07437373	0.86569964
15	0.05288798	0.91858763
16	0.03489138	0.95347901
17	0.02143653	0.97491554
18	0.01230616	0.9872217
19	0.00662086	0.99384255
20	0.00334721	0.99718976
21	0.00159391	0.99878367
22	0.00071645	0.99950013
23	0.00030458	0.99980471
24	0.00012268	0.99992739
25	0.00004689	0.99997428
26	0.00001703	0.99999131
27	0.00000589	0.9999972
28	0.00000194	0.99999914
29	6.1e-7	0.99999975
30	1.8e-7	0.99999993
31	5e-8	0.99999998
32	1e-8	0.99999999
33	0	1
...	...	...
110	0	1
k	**p(X=k)**	**p(x≤k)**

p = 0.1	n = 110
Erwartungswert: μ = 11	
Standardabweichung: σ = 3.146	
1σ-Intervall: p(8≤X≤14) = 0.73586112	
2σ-Intervall: p(5≤X≤17) = 0.96321648	
3σ-Intervall: p(2≤X≤20) = 0.99706731	

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p = 0.1		n = 120
k	**p(X=k)**	**p(x≤k)**
0	0.00000323	0.00000323
1	0.00004306	0.00004629
2	0.00028465	0.00033094
3	0.00124403	0.00157497
4	0.00404311	0.00561809
5	0.01042225	0.01604033
6	0.02219553	0.03823586
7	0.04016334	0.0783992
8	0.06303413	0.14143333
9	0.0871583	0.22859162
10	0.10749523	0.33608686
11	0.11943915	0.455526
12	0.12054507	0.57607107
13	0.11127237	0.68734344
14	0.0944932	0.78183664
15	0.07419466	0.85603131
16	0.05410027	0.91013158
17	0.03677404	0.94690562
18	0.02338103	0.97028665
19	0.01394658	0.98423323
20	0.00782558	0.99205881
21	0.00414052	0.99619933
22	0.00207026	0.99826959
23	0.00098012	0.99924971
24	0.00044015	0.99968986
25	0.0001878	0.99987765
26	0.00007624	0.99995389
27	0.00002949	0.99998339
28	0.00001088	0.99999427
29	0.00000384	0.99999811
30	0.00000129	0.9999994
31	4.2e-7	0.99999982
32	1.3e-7	0.99999995
33	4e-8	0.99999999

34	1e-8	1
35	0	1
...	...	...
120	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 120**
Erwartungswert: μ = 12		
Standardabweichung: σ = 3.286		
1σ-Intervall: p(9≤X≤15) = 0.71459798		
2σ-Intervall: p(6≤X≤18) = 0.95424632		
3σ-Intervall: p(3≤X≤21) = 0.99586839		

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p = 0.1		**n = 130**
k	**p(X=k)**	**p(x≤k)**
0	0.00000113	0.00000113
1	0.00001626	0.00001739
2	0.00011656	0.00013395
3	0.00055257	0.00068652
4	0.00194936	0.00263588
5	0.0054582	0.00809408
6	0.01263473	0.02072882
7	0.02486836	0.04559717
8	0.04248345	0.08808062
9	0.06398741	0.15206803
10	0.08602752	0.23809555
11	0.10427578	0.34237134
12	0.11489646	0.4572678
13	0.11587849	0.57314629
14	0.10760145	0.68074774
15	0.09245754	0.77320528
16	0.07383762	0.8470429
17	0.05501627	0.90205917
18	0.03837554	0.94043471
19	0.02513486	0.96556957
20	0.01549983	0.9810694
21	0.00902107	0.99009047
22	0.00496614	0.99505661
23	0.00259103	0.99764764
24	0.00128352	0.99893116
25	0.00060468	0.99953584
26	0.00027133	0.99980717
27	0.00011613	0.9999233
28	0.00004746	0.99997076

29	0.00001855	0.99998931
30	0.00000694	0.99999625
31	0.00000249	0.99999874
32	8.5e-7	0.99999959
33	2.8e-7	0.99999987
34	9e-8	0.99999996
35	3e-8	0.99999999
36	1e-8	1
37	0	1
...	...	...
130	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 130**
Erwartungswert: μ = 13		
Standardabweichung: σ = 3.421		
1σ-Intervall: p(10≤X≤16) = 0.69497487		
2σ-Intervall: p(7≤X≤19) = 0.94484076		
3σ-Intervall: p(3≤X≤23) = 0.99751369		

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p = 0.1		**n = 140**
k	**p(X=k)**	**p(x≤k)**
0	3.9e-7	3.9e-7
1	0.00000611	0.0000065
2	0.00004716	0.00005366
3	0.00024104	0.0002947
4	0.0009173	0.00121201
5	0.00277229	0.0039843
6	0.00693073	0.01091503
7	0.01474155	0.02565658
8	0.02723092	0.0528875
9	0.04437632	0.09726381
10	0.06459219	0.16185601
11	0.08481803	0.24667404
12	0.10131043	0.34798446
13	0.11083534	0.4588198
14	0.11171498	0.57053478
15	0.10426732	0.6748021
16	0.09050982	0.76531192
17	0.07335437	0.83866629
18	0.05569498	0.89436127
19	0.0397356	0.93409688
20	0.02671115	0.96080803
21	0.01695946	0.97776749

22	0.01019281	0.9879603
23	0.00581039	0.99377069
24	0.0031473	0.99691799
25	0.00162261	0.9985406
26	0.00079743	0.99933803
27	0.00037411	0.99971214
28	0.00016775	0.99987989
29	0.00007199	0.99995188
30	0.00002959	0.99998147
31	0.00001167	0.99999314
32	0.00000442	0.99999756
33	0.00000161	0.99999916
34	5.6e-7	0.99999972
35	1.9e-7	0.99999991
36	6e-8	0.99999997
37	2e-8	0.99999999
38	1e-8	1
39	0	1
...	...	...
140	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 140**
Erwartungswert: μ = 14		
Standardabweichung: σ = 3.55		
1σ-Intervall: p(11≤X≤17) = 0.67681028		
2σ-Intervall: p(7≤X≤21) = 0.96685247		
3σ-Intervall: p(4≤X≤24) = 0.99662329		

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p = 0.1		**n = 150**
k	**p(X=k)**	**p(x≤k)**
0	1.4e-7	1.4e-7
1	0.00000228	0.00000242
2	0.00001889	0.0000213
3	0.00010352	0.00012483
4	0.00042272	0.00054755
5	0.00137149	0.00191903
6	0.0036827	0.00560173
7	0.0084176	0.01401933
8	0.01671829	0.03073762
9	0.0293086	0.06004622
10	0.04591681	0.10596303
11	0.06493286	0.1708959
12	0.083571	0.2544669

13	0.09857092	0.35303782
14	0.10717632	0.46021414
15	0.10797022	0.56818436
16	0.10122208	0.66940644
17	0.08865202	0.75805846
18	0.07278221	0.83084067
19	0.05618276	0.88702343
20	0.04088856	0.92791199
21	0.02812441	0.9560364
22	0.01832348	0.97435988
23	0.01133046	0.98569034
24	0.00666189	0.99235223
25	0.00373066	0.99608289
26	0.00199287	0.99807577
27	0.00101694	0.99909271
28	0.00049636	0.99958907
29	0.00023202	0.99982109
30	0.00010398	0.99992506
31	0.00004472	0.99996979
32	0.00001848	0.99998826
33	0.00000734	0.99999561
34	0.00000281	0.99999841
35	0.00000103	0.99999945
36	3.7e-7	0.99999981
37	1.3e-7	0.99999994
38	4e-8	0.99999998
39	1e-8	0.99999999
40	0	1
...	...	...
150	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 150**
Erwartungswert: μ = 15		
Standardabweichung: σ = 3.674		
1σ-Intervall: p(12≤X≤18) = 0.65994477		
2σ-Intervall: p(8≤X≤22) = 0.96034055		
3σ-Intervall: p(4≤X≤26) = 0.99795094		

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p = 0.1		**n = 160**
k	**p(X=k)**	**p(x≤k)**
0	5e-8	5e-8
1	8.5e-7	9e-7
2	0.0000075	0.00000839

3	0.00004386	0.00005225
4	0.00019129	0.00024355
5	0.00066314	0.00090669
6	0.00190346	0.00281015
7	0.00465291	0.00746305
8	0.00988743	0.01735048
9	0.01855418	0.03590466
10	0.03112979	0.06703445
11	0.04716635	0.1142008
12	0.0650721	0.1792729
13	0.08231342	0.26158632
14	0.09603232	0.35761864
15	0.10385718	0.46147582
16	0.10457841	0.56605423
17	0.09842674	0.66448097
18	0.08688286	0.75136383
19	0.07214834	0.82351217
20	0.0565162	0.88002837
21	0.04186385	0.92189222
22	0.02938927	0.95128149
23	0.01959285	0.97087434
24	0.01242694	0.98330128
25	0.0075114	0.99081268
26	0.0043335	0.99514618
27	0.00238967	0.99753584
28	0.00126121	0.99879706
29	0.00063785	0.99943491
30	0.00030948	0.99974439
31	0.0001442	0.99988859
32	0.00006459	0.99995318
33	0.00002784	0.99998102
34	0.00001155	0.99999257
35	0.00000462	0.99999719
36	0.00000178	0.99999897
37	6.6e-7	0.99999964
38	2.4e-7	0.99999988
39	8e-8	0.99999996
40	3e-8	0.99999999
41	1e-8	1
42	0	1
...	...	...
160	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 160**

Erwartungswert:
μ = 16

Standardabweichung:
σ = 3.795

1σ-Intervall: p(13≤X≤19) = 0.64423927
2σ-Intervall: p(9≤X≤23) = 0.95352386
3σ-Intervall: p(5≤X≤27) = 0.9972923

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p = 0.1		**n = 170**
k	**p(X=k)**	**p(x≤k)**
0	2e-8	2e-8
1	3.1e-7	3.3e-7
2	0.00000295	0.00000328
3	0.00001837	0.00002165
4	0.00008519	0.00010684
5	0.00031427	0.00042111
6	0.00096027	0.00138138
7	0.00249975	0.00388112
8	0.00565915	0.00954027
9	0.01131829	0.02085856
10	0.02024717	0.04110573
11	0.03272269	0.07382842
12	0.04817507	0.12200349
13	0.06505694	0.18706043
14	0.08106301	0.26812344
15	0.09367281	0.36179625
16	0.10082837	0.46262462
17	0.10148738	0.564112
18	0.09584919	0.6599612
19	0.08519928	0.74516048
20	0.07147273	0.81663321
21	0.05672439	0.8733576
22	0.04268654	0.91604414
23	0.03051984	0.94656398
24	0.02077045	0.96733443
25	0.01347771	0.98081214
26	0.00835157	0.98916372
27	0.00494908	0.9941128
28	0.00280841	0.9969212
29	0.00152795	0.99844915
30	0.00079793	0.99924708
31	0.00040039	0.99964747
32	0.00019325	0.99984072
33	0.00008979	0.99993051
34	0.0000402	0.99997071
35	0.00001736	0.99998806
36	0.00000723	0.9999953
37	0.00000291	0.99999821

38	0.00000113	0.99999934
39	4.3e-7	0.99999976
40	1.5e-7	0.99999992
41	5e-8	0.99999997
42	2e-8	0.99999999
43	1e-8	1
44	0	1
...	...	...
170	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 170**
Erwartungswert: μ = 17		
Standardabweichung: σ = 3.912		
1σ-Intervall: p(14≤X≤20) = 0.62957278		
2σ-Intervall: p(10≤X≤24) = 0.94647587		
3σ-Intervall: p(6≤X≤28) = 0.99650009		

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p = 0.1		**n = 180**
k	**p(X=k)**	**p(x≤k)**
0	1e-8	1e-8
1	1.2e-7	1.2e-7
2	0.00000115	0.00000128
3	0.00000761	0.00000888
4	0.00003741	0.00004629
5	0.00014632	0.00019261
6	0.00047417	0.00066678
7	0.00130961	0.00197639
8	0.0031467	0.0051231
9	0.00668189	0.01180499
10	0.01269559	0.02450058
11	0.02180051	0.04630109
12	0.03411377	0.08041486
13	0.04898387	0.12939873
14	0.06492307	0.1943218
15	0.07983133	0.27415312
16	0.09147339	0.36562652
17	0.09804991	0.46367643
18	0.09865516	0.56233159
19	0.09346278	0.65579437
20	0.08359727	0.73939164
21	0.07077017	0.81016181
22	0.05683059	0.86699241
23	0.04337794	0.91037035

24	0.03152934	0.94189968
25	0.02186034	0.96376002
26	0.01448014	0.97824016
27	0.00917671	0.98741688
28	0.00557158	0.99298845
29	0.00324475	0.9962332
30	0.00181466	0.99804786
31	0.00097562	0.99902348
32	0.00050475	0.99952823
33	0.00025152	0.99977975
34	0.00012083	0.99990058
35	0.000056	0.99995659
36	0.00002506	0.99998165
37	0.00001084	0.99999249
38	0.00000453	0.99999702
39	0.00000183	0.99999886
40	7.2e-7	0.99999957
41	2.7e-7	0.99999985
42	1e-7	0.99999995
43	4e-8	0.99999998
44	1e-8	0.99999999
45	0	1
...	...	...
180	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 180**
Erwartungswert: μ = 18		
Standardabweichung: σ = 4.025		
1σ-Intervall: p(14≤X≤22) = 0.73759367		
2σ-Intervall: p(10≤X≤26) = 0.96643518		
3σ-Intervall: p(6≤X≤30) = 0.99785525		

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p = 0.1		**n = 190**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	4e-8	4e-8
2	4.5e-7	4.9e-7
3	0.00000312	0.00000362
4	0.00001622	0.00001984
5	0.00006705	0.00008689
6	0.00022971	0.00031661
7	0.00067091	0.00098752
8	0.00170524	0.00269275

9	0.00383152	0.00652427
10	0.00770561	0.01422988
11	0.0140102	0.02824009
12	0.02322061	0.0514607
13	0.03532708	0.08678778
14	0.04962614	0.13641393
15	0.06469779	0.20111171
16	0.07862578	0.27973749
17	0.08941756	0.36915505
18	0.09548912	0.46464417
19	0.09604753	0.5606917
20	0.09124516	0.65193686
21	0.08207236	0.73400923
22	0.07005166	0.80406089
23	0.05685352	0.86091442
24	0.0439562	0.90487061
25	0.03242991	0.93730052
26	0.02286724	0.96016776
27	0.01543304	0.97560079
28	0.00998248	0.98558327
29	0.00619602	0.9917793
30	0.00369466	0.99547396
31	0.0021188	0.99759276
32	0.00116976	0.99876252
33	0.00062229	0.99938482
34	0.00031928	0.9997041
35	0.00015812	0.99986222
36	0.00007564	0.99993786
37	0.00003498	0.99997284
38	0.00001565	0.99998849
39	0.00000678	0.99999527
40	0.00000284	0.99999811
41	0.00000116	0.99999927
42	4.6e-7	0.99999973
43	1.7e-7	0.9999999
44	6e-8	0.99999996
45	2e-8	0.99999999
46	1e-8	1
47	0	1
...	...	...
190	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 190**

Erwartungswert:
μ = 19

Standardabweichung:
σ = 4.135

1σ-Intervall:
p(15≤X≤23) = 0.72450049

2σ-Intervall: p(11≤X≤27) = 0.96137091
3σ-Intervall: p(7≤X≤31) = 0.99727616

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p = 0.1		n = 200
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	2e-8	2e-8
2	1.7e-7	1.9e-7
3	0.00000127	0.00000146
4	0.00000696	0.00000842
5	0.0000303	0.00003871
6	0.0001094	0.00014811
7	0.00033688	0.000485
8	0.00090304	0.00138803
9	0.00214053	0.00352857
10	0.00454268	0.00807125
11	0.00871828	0.01678953
12	0.015257	0.03204653
13	0.02451551	0.05656204
14	0.03638414	0.09294618
15	0.05012925	0.14307543
16	0.06440217	0.2074776
17	0.07745097	0.28492857
18	0.08749091	0.37241949
19	0.09311898	0.46553847
20	0.09363631	0.55917478
21	0.08917744	0.64835222
22	0.08062001	0.72897223
23	0.06932542	0.79829765
24	0.05680833	0.85510598
25	0.04443674	0.89954271
26	0.0332326	0.93277532
27	0.02379618	0.9565715
28	0.01633627	0.97290777
29	0.01076566	0.98367343
30	0.00681825	0.99049169
31	0.00415449	0.99464618
32	0.00243788	0.99708406
33	0.001379	0.99846306
34	0.00075259	0.99921565
35	0.0003966	0.99961226
36	0.00020197	0.99981423
37	0.00009947	0.9999137
38	0.00004741	0.99996111
39	0.00002188	0.99998299

40	0.00000979	0.99999278
41	0.00000424	0.99999702
42	0.00000178	0.99999881
43	7.3e-7	0.99999953
44	2.9e-7	0.99999982
45	1.1e-7	0.99999994
46	4e-8	0.99999998
47	2e-8	0.99999999
48	1e-8	1
49	0	1
...	...	...
200	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 200**
Erwartungswert: μ = 20		
Standardabweichung: σ = 4.243		
1σ-Intervall: p(16≤X≤24) = 0.71203054		
2σ-Intervall: p(12≤X≤28) = 0.95611824		
3σ-Intervall: p(8≤X≤32) = 0.99659906		

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p = 0.1		**n = 210**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	1e-8	1e-8
2	7e-8	7e-8
3	5.1e-7	5.9e-7
4	0.00000295	0.00000354
5	0.00001351	0.00001705
6	0.00005131	0.00006836
7	0.00016613	0.00023449
8	0.0004684	0.00070288
9	0.0011681	0.00187098
10	0.00260875	0.00447973
11	0.00527021	0.00974994
12	0.00971084	0.01946078
13	0.01643374	0.03589452
14	0.02569401	0.06158853
15	0.0373039	0.09889244
16	0.0505157	0.14940814
17	0.06405259	0.21346072
18	0.07630956	0.28977029
19	0.08568091	0.3754512
20	0.09091697	0.46636818

21	0.09139801	0.55776619
22	0.08724356	0.64500975
23	0.0792357	0.72424544
24	0.06859757	0.79284301
25	0.05670732	0.84955033
26	0.04483271	0.89438305
27	0.0339474	0.92833045
28	0.02465228	0.95298273
29	0.01719048	0.97017321
30	0.01152399	0.9816972
31	0.00743483	0.98913203
32	0.00462095	0.99375299
33	0.00276946	0.99652245
34	0.00160194	0.99812439
35	0.00089505	0.99901945
36	0.00048344	0.99950289
37	0.00025261	0.99975549
38	0.00012778	0.99988327
39	0.00006262	0.99994589
40	0.00002974	0.99997563
41	0.0000137	0.99998934
42	0.00000613	0.99999546
43	0.00000266	0.99999812
44	0.00000112	0.99999924
45	4.6e-7	0.9999997
46	1.8e-7	0.99999989
47	7e-8	0.99999996
48	3e-8	0.99999998
49	1e-8	0.99999999
50	0	1
...	...	...
210	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 210**
Erwartungswert: μ = 21		
Standardabweichung: σ = 4.347		
1σ-Intervall: p(17≤X≤25) = 0.7001422		
2σ-Intervall: p(13≤X≤29) = 0.95071243		
3σ-Intervall: p(8≤X≤34) = 0.9978899		

p = 0.1		n = 220
k	p(X=k)	p(x≤k)
0	0	0
1	0	0
2	3e-8	3e-8
3	2.1e-7	2.3e-7
4	0.00000124	0.00000148
5	0.00000596	0.00000743
6	0.00002373	0.00003116
7	0.0000806	0.00011176
8	0.00023843	0.00035019
9	0.00062404	0.00097422
10	0.00146302	0.00243725
11	0.00310338	0.00554063
12	0.00600562	0.01154624
13	0.01067665	0.02222289
14	0.01754021	0.0397631
15	0.02676506	0.06652816
16	0.03810304	0.1046312
17	0.05080405	0.15543525
18	0.06366187	0.21909712
19	0.07520291	0.29430002
20	0.08397658	0.3782766
21	0.0888641	0.4671407
22	0.08931291	0.55645362
23	0.08542974	0.64188336
24	0.07791509	0.71979845
25	0.0678727	0.78767115
26	0.05656058	0.84423173
27	0.04515536	0.88938709
28	0.03458327	0.92397037
29	0.02544057	0.94941093
30	0.01799685	0.96740778
31	0.01225592	0.9796637
32	0.00804295	0.98770664
33	0.00509116	0.9927978
34	0.00311126	0.99590907
35	0.00183713	0.99774619
36	0.00104898	0.99879517
37	0.00057961	0.99937478
38	0.00031014	0.99968493
39	0.00016082	0.99984574
40	0.00008085	0.9999266
41	0.00003944	0.99996604
42	0.00001868	0.99998472
43	0.00000859	0.99999331
44	0.00000384	0.99999715

45	0.00000167	0.99999882
46	7.1e-7	0.99999952
47	2.9e-7	0.99999981
48	1.2e-7	0.99999993
49	5e-8	0.99999997
50	2e-8	0.99999999
51	1e-8	1
52	0	1
...	...	...
220	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 220**
Erwartungswert: μ = 22		
Standardabweichung: σ = 4.45		
1σ-Intervall: p(18≤X≤26) = 0.68879648		
2σ-Intervall: p(14≤X≤30) = 0.94518489		
3σ-Intervall: p(9≤X≤35) = 0.99739601		

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p = 0.1		**n = 230**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	1e-8	1e-8
3	8e-8	9e-8
4	5.2e-7	6.1e-7
5	0.0000026	0.00000321
6	0.00001083	0.00001405
7	0.00003852	0.00005257
8	0.00011931	0.00017188
9	0.000327	0.00049888
10	0.00080298	0.00130186
11	0.00178439	0.00308625
12	0.00361835	0.00670459
13	0.00674187	0.01344647
14	0.01161101	0.02505747
15	0.01857761	0.04363508
16	0.0277374	0.07137248
17	0.0387961	0.11016859
18	0.05100969	0.16117828
19	0.06324009	0.22441836
20	0.07413143	0.2985498
21	0.08236826	0.38091806
22	0.08694427	0.46786233

23	0.0873643	0.55522663
24	0.08372412	0.63895074
25	0.07665408	0.71560482
26	0.06715422	0.78275904
27	0.05637638	0.83913542
28	0.0454143	0.88454972
29	0.03514824	0.91969796
30	0.02616591	0.94586387
31	0.01875692	0.96462079
32	0.01296051	0.9775813
33	0.00864034	0.98622165
34	0.00556257	0.99178422
35	0.00346116	0.99524538
36	0.0020831	0.99732848
37	0.00121358	0.99854206
38	0.00068486	0.99922692
39	0.00037462	0.99960154
40	0.00019876	0.9998003
41	0.00010234	0.99990264
42	0.00005117	0.99995381
43	0.00002486	0.99997867
44	0.00001174	0.9999904
45	0.00000539	0.9999958
46	0.00000241	0.9999982
47	0.00000105	0.99999925
48	4.4e-7	0.9999997
49	1.8e-7	0.99999988
50	7e-8	0.99999995
51	3e-8	0.99999998
52	1e-8	0.99999999
53	0	1
...	...	...
230	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 230**

Erwartungswert:
μ = 23

Standardabweichung:
σ = 4.55

1σ-Intervall:
p(19≤X≤27) = 0.67795714

2σ-Intervall:
p(14≤X≤32) = 0.96413484

3σ-Intervall:
p(10≤X≤36) = 0.9968296

p = 0.1		n = 240
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
2	0	0
3	3e-8	4e-8
4	2.1e-7	2.5e-7
5	0.00000112	0.00000137
6	0.00000489	0.00000626
7	0.00001816	0.00002443
8	0.00005878	0.00008321
9	0.00016836	0.00025157
10	0.00043212	0.00068368
11	0.00100391	0.00168759
12	0.00212865	0.00381624
13	0.00414814	0.00796438
14	0.00747324	0.01543762
15	0.01251076	0.02794837
16	0.01954806	0.04749643
17	0.02861937	0.0761158
18	0.03939581	0.11551161
19	0.05114543	0.16665704
20	0.06279523	0.22945227
21	0.07309497	0.30254724
22	0.08084747	0.38339471
23	0.08514371	0.46853842
24	0.08553789	0.55407631
25	0.08211638	0.63619269
26	0.07544881	0.7116415
27	0.06644463	0.77808613
28	0.05616153	0.83424766
29	0.0456178	0.87986546
30	0.03564946	0.91551492
31	0.02683293	0.94234785
32	0.01947251	0.96182036
33	0.01363731	0.97545767
34	0.00922524	0.98468291
35	0.00603301	0.99071593
36	0.00381719	0.99453311
37	0.00233846	0.99687157
38	0.00138803	0.9982596
39	0.00079881	0.99905841
40	0.000446	0.99950441
41	0.00024174	0.99974615
42	0.00012726	0.99987341
43	0.00006511	0.99993852
44	0.00003239	0.99997091

45	0.00001568	0.99998659
46	0.00000738	0.99999397
47	0.00000339	0.99999736
48	0.00000151	0.99999887
49	6.6e-7	0.99999953
50	2.8e-7	0.99999981
51	1.2e-7	0.99999992
52	5e-8	0.99999997
53	2e-8	0.99999999
54	1e-8	1
55	0	1
...	...	...
240	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 240**
Erwartungswert: μ = 24		
Standardabweichung: σ = 4.648		
1σ-Intervall: p(20≤X≤28) = 0.66759062		
2σ-Intervall: p(15≤X≤33) = 0.96002005		
3σ-Intervall: p(11≤X≤37) = 0.99618789		

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p = 0.1		**n = 250**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
2	0	0
3	1e-8	1e-8
4	9e-8	1e-7
5	4.8e-7	5.8e-7
6	0.00000218	0.00000277
7	0.00000846	0.00001123
8	0.00002855	0.00003977
9	0.00008529	0.00012506
10	0.00022838	0.00035344
11	0.00055365	0.00090709
12	0.0012252	0.00213229
13	0.00249229	0.00462457
14	0.00468787	0.00931245
15	0.0081951	0.01750755
16	0.01337395	0.0308815
17	0.02045427	0.05133577
18	0.0294188	0.08075457
19	0.03991323	0.12066779

20	0.05122197	0.17188977
21	0.06233362	0.23422338
22	0.07209292	0.3063163
23	0.0794067	0.385723
24	0.08345056	0.46917356
25	0.08382145	0.552995
26	0.08059754	0.63359255
27	0.07429568	0.70788823
28	0.06574578	0.773634
29	0.0559217	0.8295557
30	0.04577294	0.87532865
31	0.03609336	0.91142201
32	0.02744599	0.938868
33	0.02014554	0.95901355
34	0.01428622	0.97329977
35	0.00979626	0.98309603
36	0.00650061	0.98959664
37	0.00417757	0.99377421
38	0.00260182	0.99637602
39	0.00157147	0.99794749
40	0.00092106	0.99886855
41	0.00052418	0.99939273
42	0.00028982	0.99968255
43	0.00015577	0.99983832
44	0.00008143	0.99991975
45	0.00004142	0.99996116
46	0.00002051	0.99998167
47	0.00000989	0.99999156
48	0.00000465	0.99999621
49	0.00000213	0.99999834
50	9.5e-7	0.99999929
51	4.1e-7	0.9999997
52	1.8e-7	0.99999988
53	7e-8	0.99999995
54	3e-8	0.99999998
55	1e-8	0.99999999
56	0	1
...	...	...
250	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 250**

Erwartungswert:
μ = 25

Standardabweichung:
σ = 4.743

1σ-Intervall:
p(21≤X≤29) = 0.65766594

2σ-Intervall:
p(16≤X≤34) = 0.95579222

3σ-Intervall: p(11≤X≤39) = 0.99759405

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p = 0.1		n = 260
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
2	0	0
3	1e-8	1e-8
4	4e-8	4e-8
5	2e-7	2.5e-7
6	9.7e-7	0.00000121
7	0.00000389	0.00000511
8	0.00001368	0.00001879
9	0.00004257	0.00006135
10	0.00011871	0.00018007
11	0.00029978	0.00047985
12	0.00069116	0.00117101
13	0.00146503	0.00263603
14	0.00287191	0.00550795
15	0.00523327	0.01074122
16	0.00890382	0.01964504
17	0.01419956	0.0338446
18	0.02129934	0.05514394
19	0.03014292	0.08528686
20	0.04035803	0.12564489
21	0.05124829	0.17689318
22	0.06186031	0.23875348
23	0.07112441	0.3098779
24	0.07803928	0.38791718
25	0.08185454	0.46977172
26	0.08220434	0.55197606
27	0.07915974	0.6311358
28	0.07319135	0.70432715
29	0.06505897	0.76938612
30	0.05566157	0.82504769
31	0.04588588	0.87093357
32	0.03648565	0.90741922
33	0.02800918	0.9354284
34	0.02077805	0.95620645
35	0.01490743	0.97111388
36	0.01035238	0.98146627
37	0.00696376	0.98843003
38	0.0045407	0.99297073
39	0.0028719	0.99584263
40	0.00176302	0.99760565
41	0.00105113	0.99865678

42	0.00060899	0.99926576
43	0.00034305	0.99960881
44	0.00018798	0.99979679
45	0.00010026	0.99989705
46	0.00005207	0.99994911
47	0.00002634	0.99997546
48	0.00001299	0.99998844
49	0.00000624	0.99999469
50	0.00000293	0.99999761
51	0.00000134	0.99999895
52	6e-7	0.99999955
53	2.6e-7	0.99999981
54	1.1e-7	0.99999992
55	5e-8	0.99999997
56	2e-8	0.99999999
57	1e-8	1
58	0	1
...	...	...
260	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 260**
Erwartungswert: μ = 26		
Standardabweichung: σ = 4.837		
1σ-Intervall: p(22≤X≤30) = 0.64815451		
2σ-Intervall: p(17≤X≤35) = 0.95146885		
3σ-Intervall: p(12≤X≤40) = 0.9971258		

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p = 0.1		**n = 270**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
3	0	0
4	1e-8	2e-8
5	9e-8	1e-7
6	4.2e-7	5.3e-7
7	0.00000177	0.0000023
8	0.00000648	0.00000878
9	0.00002095	0.00002973
10	0.00006077	0.0000905
11	0.00015959	0.0002501
12	0.00038273	0.00063283

13	0.00084397	0.0014768
14	0.00172144	0.00319824
15	0.00326435	0.00646259
16	0.00578063	0.01224322
17	0.0095966	0.02183982
18	0.01498728	0.0368271
19	0.02208652	0.05891361
20	0.03079842	0.08971203
21	0.04073865	0.13045068
22	0.05123194	0.18168261
23	0.06137933	0.24306194
24	0.0701884	0.31325033
25	0.07673931	0.38998965
26	0.08034672	0.47033636
27	0.08067736	0.55101372
28	0.07779603	0.62880975
29	0.07213271	0.70094246
30	0.06438513	0.76532759
31	0.05538505	0.82071264
32	0.0459619	0.86667455
33	0.03683142	0.90350597
34	0.0285263	0.93203227
35	0.02137208	0.95340436
36	0.01550136	0.96890571
37	0.01089285	0.97979856
38	0.00742115	0.98721971
39	0.00490515	0.99212486
40	0.00314747	0.99527232
41	0.00196184	0.99723416
42	0.00118852	0.99842268
43	0.00070021	0.9991229
44	0.00040139	0.99952428
45	0.00022398	0.99974826
46	0.00012173	0.99986999
47	0.00006446	0.99993446
48	0.00003328	0.99996773
49	0.00001675	0.99998448
50	0.00000823	0.99999271
51	0.00000394	0.99999665
52	0.00000185	0.9999985
53	8.4e-7	0.99999934
54	3.8e-7	0.99999972
55	1.6e-7	0.99999988
56	7e-8	0.99999995
57	3e-8	0.99999998
58	1e-8	0.99999999
59	0	1

...	...	...
270	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 270**
Erwartungswert: μ = 27		
Standardabweichung: σ = 4.93		
1σ-Intervall: p(23≤X≤31) = 0.63903003		
2σ-Intervall: p(18≤X≤36) = 0.9470659		
3σ-Intervall: p(13≤X≤41) = 0.99660133		

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p = 0.1		**n = 280**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
3	0	0
4	1e-8	1e-8
5	4e-8	4e-8
6	1.8e-7	2.3e-7
7	8e-7	0.00000103
8	0.00000303	0.00000406
9	0.00001019	0.00001424
10	0.00003067	0.00004491
11	0.00008364	0.00012856
12	0.00020833	0.00033689
13	0.0004772	0.00081409
14	0.00101121	0.0018253
15	0.00199246	0.00381775
16	0.00366668	0.00748443
17	0.00632681	0.01381124
18	0.01027131	0.02408255
19	0.01573732	0.03981987
20	0.02281912	0.06263899
21	0.03139138	0.09403038
22	0.04106247	0.13509284
23	0.0511793	0.18627215
24	0.06089389	0.24716604
25	0.06928372	0.31644976
26	0.07550149	0.39195125
27	0.07891925	0.4708705
28	0.07923242	0.55010293
29	0.07650027	0.6266032
30	0.07111692	0.69772012
31	0.06372484	0.76144496

32	0.05509543	0.81654039
33	0.04600561	0.86254601
34	0.03713525	0.89968126
35	0.02900086	0.92868212
36	0.02192966	0.95061178
37	0.01606858	0.96668037
38	0.01141715	0.97809752
39	0.00787165	0.98596917
40	0.00526964	0.99123881
41	0.0034274	0.99466621
42	0.00216706	0.99683327
43	0.00133272	0.99816599
44	0.00079761	0.9989636
45	0.00046478	0.99942838
46	0.00026382	0.9996922
47	0.00014595	0.99983815
48	0.00007872	0.99991687
49	0.00004141	0.99995828
50	0.00002126	0.99997953
51	0.00001065	0.99999019
52	0.00000521	0.9999954
53	0.00000249	0.99999789
54	0.00000116	0.99999905
55	5.3e-7	0.99999958
56	2.4e-7	0.99999982
57	1e-7	0.99999992
58	4e-8	0.99999997
59	2e-8	0.99999999
60	1e-8	1
61	0	1
...	...	...
280	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 280**
Erwartungswert: μ = 28		
Standardabweichung: σ = 5.02		
1σ-Intervall: p(23≤X≤33) = 0.72745316		
2σ-Intervall: p(18≤X≤38) = 0.96428628		
3σ-Intervall: p(13≤X≤43) = 0.9978291		

p = 0.1		n = 290
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
4	0	0
5	2e-8	2e-8
6	8e-8	1e-7
7	3.6e-7	4.5e-7
8	0.00000141	0.00000186
9	0.00000489	0.00000675
10	0.00001527	0.00002203
11	0.0000432	0.00006523
12	0.00011161	0.00017683
13	0.00026518	0.00044202
14	0.00058298	0.00102499
15	0.00119187	0.00221686
16	0.00227613	0.004493
17	0.00407621	0.00856921
18	0.00686918	0.01543839
19	0.01092641	0.02636479
20	0.01645032	0.04281511
21	0.02350045	0.06631556
22	0.03192738	0.09824294
23	0.04133593	0.13957887
24	0.0510958	0.19067468
25	0.0604066	0.25108127
26	0.06840918	0.31949045
27	0.07432108	0.39381154
28	0.07756526	0.47137679
29	0.07786244	0.54923924
30	0.07526703	0.62450626
31	0.07014132	0.69464758
32	0.06307848	0.75772605
33	0.05479544	0.8125215
34	0.04602101	0.85854251
35	0.0374012	0.89594371
36	0.02943613	0.92537984
37	0.02245278	0.94783262
38	0.01660981	0.96444243
39	0.01192499	0.97636742
40	0.00831437	0.98468179
41	0.00563304	0.99031483
42	0.00371065	0.99402549
43	0.00237789	0.99640337
44	0.00148318	0.99788655
45	0.00090089	0.99878744
46	0.00053314	0.99932058

47	0.00030753	0.99962811
48	0.00017299	0.9998011
49	0.00009493	0.99989602
50	0.00005084	0.99994686
51	0.00002658	0.99997344
52	0.00001358	0.99998702
53	0.00000677	0.99999379
54	0.0000033	0.99999709
55	0.00000157	0.99999867
56	7.3e-7	0.9999994
57	3.3e-7	0.99999974
58	1.5e-7	0.99999989
59	7e-8	0.99999995
60	3e-8	0.99999998
61	1e-8	0.99999999
62	0	1
...	...	...
290	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 290**
Erwartungswert: μ = 29		
Standardabweichung: σ = 5.109		
1σ-Intervall: p(24≤X≤34) = 0.71896363		
2σ-Intervall: p(19≤X≤39) = 0.96092904		
3σ-Intervall: p(14≤X≤44) = 0.99744453		

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p = 0.1		**n = 300**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
4	0	0
5	1e-8	1e-8
6	3e-8	4e-8
7	1.6e-7	2e-7
8	6.4e-7	8.4e-7
9	0.00000232	0.00000317
10	0.00000752	0.00001068
11	0.00002201	0.0000327
12	0.00005891	0.00009161
13	0.000145	0.00023661
14	0.00033029	0.00056689
15	0.00069972	0.00126661
16	0.00138485	0.00265146

17	0.00257058	0.00522204
18	0.00449058	0.00971262
19	0.00740551	0.01711813
20	0.01156083	0.02867896
21	0.01712716	0.04580612
22	0.02413372	0.06993984
23	0.03241147	0.10235131
24	0.04156471	0.14391602
25	0.05098604	0.19490206
26	0.05991949	0.25482155
27	0.06756354	0.32238509
28	0.07319384	0.39557893
29	0.07627864	0.47185757
30	0.07656115	0.54841872
31	0.07409144	0.62251016
32	0.06920346	0.69171362
33	0.06244622	0.75415983
34	0.05448739	0.80864722
35	0.04601157	0.85465879
36	0.03763292	0.89229171
37	0.02983511	0.92212682
38	0.02294337	0.9450702
39	0.01712582	0.96219602
40	0.01241622	0.97461224
41	0.00874856	0.9833608
42	0.00599438	0.98935518
43	0.00399625	0.99335143
44	0.00259353	0.99594496
45	0.00163937	0.99758433
46	0.00100975	0.99859408
47	0.00060633	0.99920041
48	0.0003551	0.99955551
49	0.00020291	0.99975842
50	0.00011318	0.9998716
51	0.00006164	0.99993325
52	0.0000328	0.99996604
53	0.00001705	0.9999831
54	0.00000867	0.99999176
55	0.00000431	0.99999607
56	0.00000209	0.99999816
57	0.000001	0.99999916
58	4.6e-7	0.99999962
59	2.1e-7	0.99999983
60	9e-8	0.99999993
61	4e-8	0.99999997
62	2e-8	0.99999999
63	1e-8	0.99999999

64	0	1
...	...	...
300	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 300**
Erwartungswert: μ = 30		
Standardabweichung: σ = 5.196		
1σ-Intervall: p(25≤X≤35) = 0.71074278		
2σ-Intervall: p(20≤X≤40) = 0.95749411		
3σ-Intervall: p(15≤X≤45) = 0.99701743		

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p = 0.1		**n = 310**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
5	0	0
6	1e-8	2e-8
7	7e-8	9e-8
8	2.9e-7	3.8e-7
9	0.00000109	0.00000147
10	0.00000366	0.00000513
11	0.00001108	0.0000162
12	0.00003067	0.00004687
13	0.0000781	0.00012497
14	0.0001841	0.00030908
15	0.00040366	0.00071274
16	0.00082695	0.00153968
17	0.00158903	0.00312872
18	0.00287399	0.00600271
19	0.00490764	0.01091035
20	0.00793401	0.01884436
21	0.01217388	0.03101825
22	0.01776895	0.0487872
23	0.02472202	0.07350922
24	0.03284824	0.10635746
25	0.04175376	0.14811122
26	0.05085394	0.19896517
27	0.05943424	0.2583994
28	0.06674559	0.325145
29	0.07211593	0.39726092
30	0.07505398	0.47231491
31	0.07532299	0.5476379
32	0.07296915	0.62060705

33	0.06830109	0.68890814
34	0.06182811	0.75073625
35	0.0541732	0.80490946
36	0.04598034	0.8508898
37	0.03783367	0.88872347
38	0.03020056	0.91892404
39	0.02340329	0.94232732
40	0.01761747	0.9599448
41	0.01289083	0.97283563
42	0.00917364	0.98200927
43	0.0063528	0.98836207
44	0.00428333	0.9926454
45	0.00281325	0.99545865
46	0.00180075	0.9972594
47	0.00112387	0.99838327
48	0.00068421	0.99906748
49	0.00040649	0.99947397
50	0.00023577	0.99970974
51	0.00013355	0.99984329
52	0.00007391	0.99991719
53	0.00003998	0.99995717
54	0.00002114	0.99997831
55	0.00001093	0.99998924
56	0.00000553	0.99999477
57	0.00000274	0.99999751
58	0.00000133	0.99999884
59	6.3e-7	0.99999947
60	2.9e-7	0.99999976
61	1.3e-7	0.9999999
62	6e-8	0.99999995
63	3e-8	0.99999998
64	1e-8	0.99999999
65	0	1
...	...	...
310	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 310**

Erwartungswert:
μ = 31

Standardabweichung:
σ = 5.282

1σ-Intervall:
p(26≤X≤36) = 0.70277857

2σ-Intervall:
p(21≤X≤41) = 0.95399127

3σ-Intervall:
p(16≤X≤46) = 0.99654666

p = 0.1		n = 320
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
5	0	0
6	1e-8	1e-8
7	3e-8	4e-8
8	1.3e-7	1.7e-7
9	5.1e-7	6.8e-7
10	0.00000176	0.00000244
11	0.00000551	0.00000795
12	0.00001576	0.0000237
13	0.00004148	0.00006518
14	0.00010107	0.00016625
15	0.00022909	0.00039535
16	0.00048523	0.00088058
17	0.00096412	0.00184469
18	0.00180326	0.00364795
19	0.0031847	0.00683264
20	0.00532552	0.01215817
21	0.00845321	0.02061137
22	0.0127652	0.03337657
23	0.01837695	0.05175352
24	0.02526831	0.07702182
25	0.03324186	0.11026368
26	0.04190747	0.15217115
27	0.05070287	0.20287402
28	0.05895214	0.26182616
29	0.06595412	0.32778029
30	0.07108389	0.39886417
31	0.07388648	0.47275065
32	0.07414303	0.54689368
33	0.07189627	0.61878995
34	0.06743212	0.68622207
35	0.06122409	0.74744615
36	0.05385452	0.80130067
37	0.04592998	0.84723065
38	0.03800639	0.88523704
39	0.03053505	0.91577209
40	0.0238343	0.93960639
41	0.01808565	0.95769204
42	0.01334893	0.97104097
43	0.00958915	0.98063012
44	0.00670756	0.98733769
45	0.00457108	0.99190877
46	0.00303635	0.99494511
47	0.00196681	0.99691192

48	0.00124291	0.99815483
49	0.0007666	0.99892143
50	0.00046167	0.9993831
51	0.00027157	0.99965467
52	0.00015609	0.99981076
53	0.0000877	0.99989846
54	0.00004818	0.99994664
55	0.00002589	0.99997253
56	0.00001361	0.99998615
57	0.00000701	0.99999315
58	0.00000353	0.99999668
59	0.00000174	0.99999842
60	8.4e-7	0.99999927
61	4e-7	0.99999966
62	1.9e-7	0.99999985
63	8e-8	0.99999993
64	4e-8	0.99999997
65	2e-8	0.99999999
66	1e-8	0.99999999
67	0	1
...	...	...
320	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 320**
Erwartungswert: μ = 32		
Standardabweichung: σ = 5.367		
1σ-Intervall: p(27≤X≤37) = 0.6950595		
2σ-Intervall: p(22≤X≤42) = 0.95042959		
3σ-Intervall: p(16≤X≤48) = 0.99775948		

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p = 0.1		**n = 330**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
6	0	0
7	1e-8	2e-8
8	6e-8	8e-8
9	2.3e-7	3.1e-7
10	8.4e-7	0.00000115
11	0.00000271	0.00000386
12	0.000008	0.00001186
13	0.00002174	0.0000336
14	0.0000547	0.0000883

15	0.00012804	0.00021634
16	0.00028009	0.00049643
17	0.00057482	0.00107125
18	0.00111061	0.00218186
19	0.00202638	0.00420823
20	0.00350113	0.00770936
21	0.00574259	0.01345195
22	0.00896192	0.02241386
23	0.01333464	0.03574851
24	0.01895248	0.05470098
25	0.02577537	0.08047635
26	0.0335961	0.11407245
27	0.04202969	0.15610214
28	0.0505357	0.20663783
29	0.05847425	0.26511209
30	0.06518796	0.33030005
31	0.07009459	0.40039464
32	0.07277181	0.47316645
33	0.07301683	0.54618328
34	0.07086928	0.61705256
35	0.06659462	0.68364718
36	0.06063399	0.74428117
37	0.05353271	0.79781389
38	0.04586282	0.84367671
39	0.03815369	0.8818304
40	0.0308409	0.91267129
41	0.0242381	0.9369094
42	0.01853125	0.95544065
43	0.0137907	0.96923134
44	0.00999477	0.97922612
45	0.00705804	0.98628415
46	0.00485879	0.99114295
47	0.00326217	0.99440512
48	0.00213702	0.99654214
49	0.00136653	0.99790867
50	0.00085332	0.99876199
51	0.00052055	0.99928254
52	0.00031033	0.99959286
53	0.00018086	0.99977372
54	0.00010308	0.99987681
55	0.00005748	0.99993428
56	0.00003136	0.99996564
57	0.00001675	0.99998239
58	0.00000876	0.99999115
59	0.00000449	0.99999564
60	0.00000225	0.99999789
61	0.00000111	0.999999

62	5.3e-7	0.99999954
63	2.5e-7	0.99999979
64	1.2e-7	0.99999991
65	5e-8	0.99999996
66	2e-8	0.99999998
67	1e-8	0.99999999
68	0	1
...	...	...
330	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 330**
Erwartungswert: μ = 33		
Standardabweichung: σ = 5.45		
1σ-Intervall: p(28≤X≤38) = 0.68757457		
2σ-Intervall: p(23≤X≤43) = 0.94681748		
3σ-Intervall: p(17≤X≤49) = 0.99741224		

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p = 0.1		**n = 340**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
6	0	0
7	1e-8	1e-8
8	3e-8	3e-8
9	1.1e-7	1.4e-7
10	4e-7	5.4e-7
11	0.00000132	0.00000185
12	0.00000401	0.00000587
13	0.00001126	0.00001712
14	0.00002921	0.00004634
15	0.00007054	0.00011688
16	0.0001592	0.00027608
17	0.00033714	0.00061321
18	0.00067219	0.00128541
19	0.00126576	0.00255117
20	0.00225728	0.00480845
21	0.00382185	0.0086303
22	0.00615742	0.01478772
23	0.00945923	0.02424695
24	0.01388229	0.03812925
25	0.01949691	0.05762616
26	0.02624584	0.083872

27	0.03391438	0.11778638
28	0.04212382	0.1599102
29	0.05035491	0.2102651
30	0.05800139	0.26826649
31	0.06444599	0.33271248
32	0.06914518	0.40185766
33	0.07170611	0.47356377
34	0.07194044	0.54550421
35	0.069885	0.61538922
36	0.06578681	0.68117602
37	0.06005763	0.74123365
38	0.05320895	0.7944426
39	0.04578092	0.84022352
40	0.03827794	0.87850145
41	0.03112027	0.90962173
42	0.0246163	0.93423803
43	0.01895519	0.95319321
44	0.01421639	0.9674096
45	0.01039025	0.97779985
46	0.00740368	0.98520354
47	0.00514582	0.99034936
48	0.00349011	0.99383946
49	0.00231091	0.99615037
50	0.00149439	0.99764476
51	0.00094417	0.99858893
52	0.00058304	0.99917197
53	0.00035203	0.99952399
54	0.00020788	0.99973188
55	0.00012011	0.99985199
56	0.00006792	0.99991991
57	0.0000376	0.99995751
58	0.00002039	0.99997789
59	0.00001083	0.99998872
60	0.00000563	0.99999435
61	0.00000287	0.99999723
62	0.00000144	0.99999866
63	7e-7	0.99999937
64	3.4e-7	0.99999971
65	1.6e-7	0.99999987
66	7e-8	0.99999994
67	3e-8	0.99999997
68	1e-8	0.99999999
69	1e-8	1
70	0	1
...	...	...
340	0	1
k	**p(X=k)**	**p(x≤k)**

p = 0.1	n = 340
Erwartungswert: μ = 34	
Standardabweichung: σ = 5.532	
1σ-Intervall: p(29≤X≤39) = 0.68031332	
2σ-Intervall: p(23≤X≤45) = 0.96301213	
3σ-Intervall: p(18≤X≤50) = 0.99703154	

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p = 0.1		n = 350
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
7	0	0
8	1e-8	1e-8
9	5e-8	6e-8
10	1.8e-7	2.5e-7
11	6.4e-7	8.8e-7
12	0.00000199	0.00000288
13	0.00000576	0.00000864
14	0.0000154	0.00002404
15	0.00003834	0.00006238
16	0.00008919	0.00015157
17	0.0001947	0.00034627
18	0.00040022	0.0007465
19	0.00077704	0.00152354
20	0.00142889	0.00295243
21	0.00249489	0.00544733
22	0.00414556	0.00959288
23	0.0065688	0.01616169
24	0.00994444	0.02610613
25	0.01440839	0.04051452
26	0.02001165	0.06052617
27	0.0266822	0.08720837
28	0.03419981	0.12140818
29	0.04219287	0.16360104
30	0.05016263	0.21376367
31	0.0575342	0.27129787
32	0.06372712	0.33502499
33	0.06823307	0.40325806
34	0.0706859	0.47394395
35	0.0709103	0.54485425
36	0.06894056	0.61379481
37	0.06500702	0.67880183
38	0.05949473	0.73829656

39	0.0528842	0.79118076
40	0.04568608	0.83686684
41	0.03838126	0.87524809
42	0.03137515	0.90662325
43	0.02497041	0.93159365
44	0.01935837	0.95095202
45	0.01462632	0.96557835
46	0.01077543	0.97635378
47	0.00774405	0.98409783
48	0.00543159	0.98952941
49	0.00371959	0.993249
50	0.00248799	0.995737
51	0.00162614	0.99736314
52	0.00103892	0.99840206
53	0.00064905	0.99905111
54	0.00039664	0.99944776
55	0.00023719	0.99968494
56	0.00013883	0.99982377
57	0.00007956	0.99990333
58	0.00004466	0.99994799
59	0.00002456	0.99997255
60	0.00001323	0.99998578
61	0.00000699	0.99999278
62	0.00000362	0.9999964
63	0.00000184	0.99999823
64	9.2e-7	0.99999915
65	4.5e-7	0.9999996
66	2.1e-7	0.99999981
67	1e-7	0.99999992
68	5e-8	0.99999996
69	2e-8	0.99999998
70	1e-8	0.99999999
71	0	1
...	...	...
350	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 350**

Erwartungswert:
μ = 35

Standardabweichung:
σ = 5.612

1σ-Intervall:
p(30≤X≤40) = 0.67326579

2σ-Intervall:
p(24≤X≤46) = 0.96019209

3σ-Intervall:
p(19≤X≤51) = 0.99661664

p = 0.1		n = 360
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
7	0	0
8	1e-8	1e-8
9	2e-8	3e-8
10	9e-8	1.1e-7
11	3e-7	4.2e-7
12	9.8e-7	0.0000014
13	0.00000291	0.00000431
14	0.00000803	0.00001234
15	0.00002057	0.00003291
16	0.00004929	0.0000822
17	0.00011082	0.00019302
18	0.00023464	0.00042766
19	0.00046928	0.00089694
20	0.00088902	0.00178597
21	0.0015993	0.00338527
22	0.0027382	0.00612347
23	0.00447107	0.01059453
24	0.00697569	0.01757023
25	0.01041704	0.02798727
26	0.01491328	0.04290054
27	0.02049809	0.06339863
28	0.02708676	0.09048539
29	0.03445519	0.12494058
30	0.04223951	0.16718008
31	0.04996071	0.21714079
32	0.05707317	0.27421396
33	0.0630303	0.33724426
34	0.06735591	0.40460017
35	0.06970802	0.47430819
36	0.06992317	0.54423136
37	0.06803335	0.61226472
38	0.06425372	0.67651844
39	0.05894501	0.73546345
40	0.0525593	0.78802275
41	0.04557988	0.83360263
42	0.03846556	0.8720682
43	0.03160736	0.90367556
44	0.02530185	0.92897741
45	0.01974169	0.9487191
46	0.01502085	0.96373995
47	0.01115023	0.97489018
48	0.00807876	0.98296894
49	0.00571558	0.98868452

50	0.0039501	0.99263462
51	0.00266783	0.99530245
52	0.00176145	0.9970639
53	0.00113737	0.99820127
54	0.00071846	0.99891973
55	0.00044414	0.99936387
56	0.00026878	0.99963265
57	0.00015927	0.99979192
58	0.00009245	0.99988438
59	0.00005258	0.99993696
60	0.00002931	0.99996627
61	0.00001602	0.99998228
62	0.00000858	0.99999086
63	0.00000451	0.99999537
64	0.00000233	0.9999977
65	0.00000118	0.99999888
66	5.8e-7	0.99999946
67	2.8e-7	0.99999975
68	1.4e-7	0.99999988
69	6e-8	0.99999995
70	3e-8	0.99999998
71	1e-8	0.99999999
72	1e-8	1
73	0	1
...	...	...
360	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 360**
Erwartungswert: μ = 36		
Standardabweichung: σ = 5.692		
1σ-Intervall: p(31≤X≤41) = 0.66642255		
2σ-Intervall: p(25≤X≤47) = 0.95731996		
3σ-Intervall: p(19≤X≤53) = 0.99777361		

---

p = 0.1		**n = 370**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
8	0	0
9	1e-8	1e-8
10	4e-8	5e-8
11	1.4e-7	2e-7
12	4.8e-7	6.7e-7

13	0.00000146	0.00000213
14	0.00000414	0.00000627
15	0.00001091	0.00001718
16	0.00002689	0.00004407
17	0.00006222	0.00010628
18	0.00013557	0.00024185
19	0.00027907	0.00052092
20	0.00054419	0.00106511
21	0.00100775	0.00207286
22	0.00177629	0.00384915
23	0.00298623	0.00683538
24	0.00479732	0.0116327
25	0.00737721	0.01900992
26	0.01087666	0.02988658
27	0.01539741	0.04528399
28	0.02095759	0.06624158
29	0.02746167	0.09370325
30	0.03468307	0.12838632
31	0.04226611	0.17065243
32	0.04975073	0.22040317
33	0.05661868	0.27702185
34	0.06235456	0.33937641
35	0.06651153	0.40588794
36	0.06876964	0.47465757
37	0.06897615	0.54363372
38	0.06716099	0.61079471
39	0.0635255	0.67432021
40	0.05840816	0.73272837
41	0.05223494	0.78496332
42	0.04546375	0.83042706
43	0.03853258	0.86895964
44	0.03181857	0.90077821
45	0.02561199	0.9263902
46	0.02010603	0.94649623
47	0.01540036	0.96189659
48	0.01151462	0.97341121
49	0.0084075	0.98181871
50	0.00599735	0.98781606
51	0.00418116	0.99199722
52	0.00284998	0.9948472
53	0.00189999	0.99674719
54	0.00123929	0.99798648
55	0.00079114	0.99877762
56	0.00049446	0.99927209
57	0.00030265	0.99957474
58	0.00018148	0.99975622
59	0.00010663	0.99986285

60	0.00006141	0.99992426
61	0.00003468	0.99995894
62	0.0000192	0.99997814
63	0.00001043	0.99998857
64	0.00000556	0.99999413
65	0.00000291	0.99999704
66	0.00000149	0.99999853
67	7.5e-7	0.99999928
68	3.7e-7	0.99999966
69	1.8e-7	0.99999984
70	9e-8	0.99999993
71	4e-8	0.99999997
72	2e-8	0.99999998
73	1e-8	0.99999999
74	0	1
...	...	...
370	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 370**
Erwartungswert: μ = 37		
Standardabweichung: σ = 5.771		
1σ-Intervall: p(32≤X≤42) = 0.65977463		
2σ-Intervall: p(26≤X≤48) = 0.95440129		
3σ-Intervall: p(20≤X≤54) = 0.99746555		

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p = 0.1		**n = 380**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
8	0	0
9	0	1e-8
10	2e-8	2e-8
11	7e-8	9e-8
12	2.3e-7	3.2e-7
13	7.2e-7	0.00000105
14	0.00000211	0.00000315
15	0.00000572	0.00000887
16	0.00001449	0.00002336
17	0.00003448	0.00005784
18	0.00007726	0.0001351
19	0.00016355	0.00029865
20	0.00032801	0.00062667
21	0.00062479	0.00125145

22	0.00113282	0.00238427
23	0.00195918	0.00434345
24	0.00323808	0.00758153
25	0.00512337	0.0127049
26	0.00777263	0.02047753
27	0.01132309	0.03180061
28	0.01586131	0.04766192
29	0.0213915	0.06905342
30	0.02780895	0.09686237
31	0.03488578	0.13174815
32	0.04227478	0.17402293
33	0.04953409	0.22355702
34	0.05617101	0.27972802
35	0.06169895	0.34142697
36	0.06569795	0.40712492
37	0.06786815	0.47499307
38	0.0680666	0.54305967
39	0.0663213	0.60938098
40	0.06282101	0.67220199
41	0.05788386	0.73008584
42	0.05191171	0.78199756
43	0.04533891	0.82733647
44	0.03858387	0.86592035
45	0.03201032	0.89793067
46	0.02590207	0.92383274
47	0.02045223	0.94428497
48	0.01576526	0.96005023
49	0.01186863	0.97191886
50	0.00873004	0.9806489
51	0.0062765	0.9869254
52	0.00441232	0.99133772
53	0.00303405	0.99437177
54	0.00204143	0.9964132
55	0.00134446	0.99775766
56	0.00086696	0.99862462
57	0.00054755	0.99917217
58	0.00033881	0.99951099
59	0.00020546	0.99971644
60	0.00012213	0.99983858
61	0.00007119	0.99990976
62	0.0000407	0.99995046
63	0.00002282	0.99997329
64	0.00001256	0.99998585
65	0.00000679	0.99999263
66	0.0000036	0.99999623
67	0.00000187	0.9999981
68	9.6e-7	0.99999906

69	4.8e-7	0.99999954
70	2.4e-7	0.99999978
71	1.2e-7	0.9999999
72	5e-8	0.99999995
73	3e-8	0.99999998
74	1e-8	0.99999999
75	1e-8	1
76	0	1
...	...	...
380	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 380**
Erwartungswert: μ = 38		
Standardabweichung: σ = 5.848		
1σ-Intervall: p(33≤X≤43) = 0.65331354		
2σ-Intervall: p(27≤X≤49) = 0.95144134		
3σ-Intervall: p(21≤X≤55) = 0.99713099		

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p = 0.1		**n = 390**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
9	0	0
10	1e-8	1e-8
11	3e-8	4e-8
12	1.1e-7	1.5e-7
13	3.6e-7	5.1e-7
14	0.00000106	0.00000157
15	0.00000296	0.00000454
16	0.00000772	0.00001226
17	0.00001887	0.00003113
18	0.00004346	0.00007459
19	0.00009454	0.00016912
20	0.00019485	0.00036397
21	0.00038145	0.00074543
22	0.00071089	0.00145631
23	0.0012638	0.00272011
24	0.00214729	0.0048674
25	0.00349292	0.00836032
26	0.00544836	0.01380868
27	0.00816133	0.02197002
28	0.0117562	0.03372622
29	0.01630554	0.05003176

30	0.02180111	0.07183288
31	0.02813047	0.09996334
32	0.03506541	0.13502875
33	0.0422674	0.17729615
34	0.04931196	0.22660811
35	0.05573034	0.28233845
36	0.06106257	0.34340102
37	0.06491336	0.40831438
38	0.06700122	0.4753156
39	0.0671921	0.5425077
40	0.0655123	0.60802
41	0.06213904	0.67015904
42	0.05737176	0.7275308
43	0.05159011	0.77912091
44	0.04520648	0.82432739
45	0.03862085	0.86294824
46	0.03218404	0.89513228
47	0.02617331	0.92130559
48	0.02078112	0.94208671
49	0.01611597	0.95820268
50	0.01221233	0.97041501
51	0.00904617	0.97946117
52	0.00655267	0.98601385
53	0.00464319	0.99065704
54	0.00321966	0.9938767
55	0.00218547	0.99606217
56	0.00145264	0.99751481
57	0.00094578	0.99846059
58	0.00060334	0.99906393
59	0.00037723	0.99944116
60	0.00023123	0.99967238
61	0.00013899	0.99981137
62	0.00008195	0.99989332
63	0.00004741	0.99994073
64	0.00002691	0.99996764
65	0.000015	0.99998264
66	0.00000821	0.99999084
67	0.00000441	0.99999525
68	0.00000233	0.99999758
69	0.00000121	0.99999879
70	6.1e-7	0.9999994
71	3.1e-7	0.99999971
72	1.5e-7	0.99999986
73	7e-8	0.99999994
74	3e-8	0.99999997
75	2e-8	0.99999999
76	1e-8	0.99999999

77	0	1
...	...	...
390	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 390**
Erwartungswert: μ = 39		
Standardabweichung: σ = 5.925		
1σ-Intervall: p(34≤X≤44) = 0.64703124		
2σ-Intervall: p(28≤X≤50) = 0.94844499		
3σ-Intervall: p(22≤X≤56) = 0.99676939		

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p = 0.1		**n = 400**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
10	0	0
11	1e-8	2e-8
12	5e-8	7e-8
13	1.7e-7	2.4e-7
14	5.3e-7	7.8e-7
15	0.00000152	0.0000023
16	0.00000407	0.00000637
17	0.00001021	0.00001658
18	0.00002414	0.00004072
19	0.00005393	0.00009465
20	0.00011416	0.00020881
21	0.00022952	0.00043833
22	0.00043934	0.00087767
23	0.00080227	0.00167994
24	0.00140026	0.0030802
25	0.00233998	0.00542018
26	0.00374997	0.00917015
27	0.00577156	0.01494172
28	0.00854283	0.02348455
29	0.01217599	0.03566054
30	0.01673071	0.05239125
31	0.02218768	0.07457893
32	0.02842797	0.10300689
33	0.03522388	0.13823077
34	0.04224563	0.1804764
35	0.0490854	0.2295618
36	0.05529682	0.28485862

37	0.06044457	0.3453032
38	0.06415608	0.40945928
39	0.06616667	0.47562595
40	0.06635047	0.54197642
41	0.06473217	0.60670859
42	0.06147843	0.66818702
43	0.05687152	0.72505854
44	0.05127054	0.77632908
45	0.04506744	0.82139652
46	0.03864478	0.8600413
47	0.03234102	0.89238232
48	0.02642681	0.91880913
49	0.02109351	0.93990264
50	0.01645294	0.95635557
51	0.01254581	0.96890138
52	0.00935574	0.97825713
53	0.00682557	0.9850827
54	0.0048734	0.9899561
55	0.00340646	0.99336256
56	0.0023318	0.99569437
57	0.00156363	0.99725799
58	0.00102744	0.99828543
59	0.00066174	0.99894718
60	0.00041788	0.99936505
61	0.00025879	0.99962385
62	0.00015722	0.99978107
63	0.00009372	0.9998748
64	0.00005484	0.99992963
65	0.0000315	0.99996113
66	0.00001776	0.99997889
67	0.00000984	0.99998873
68	0.00000535	0.99999408
69	0.00000286	0.99999694
70	0.0000015	0.99999845
71	7.8e-7	0.99999922
72	3.9e-7	0.99999962
73	2e-7	0.99999982
74	1e-7	0.99999991
75	5e-8	0.99999996
76	2e-8	0.99999998
77	1e-8	0.99999999
78	0	1
...	...	...
400	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 400**
Erwartungswert: μ = 40		

Standardabweichung: σ = 6
1σ-Intervall: p(34≤X≤46) = 0.72181053
2σ-Intervall: p(28≤X≤52) = 0.96331541
3σ-Intervall: p(22≤X≤58) = 0.9978471

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p = 0.1		**n = 410**
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
10	0	0
11	1e-8	1e-8
12	2e-8	3e-8
13	8e-8	1.2e-7
14	2.6e-7	3.8e-7
15	7.7e-7	0.00000115
16	0.00000212	0.00000328
17	0.00000546	0.00000874
18	0.00001326	0.000022
19	0.00003039	0.00005238
20	0.00006601	0.00011839
21	0.00013621	0.0002546
22	0.0002676	0.00052221
23	0.00050159	0.0010238
24	0.00089869	0.00192249
25	0.00154175	0.00346424
26	0.00253664	0.00600089
27	0.00400852	0.01000941
28	0.00609232	0.01610173
29	0.00891673	0.02501846
30	0.01258249	0.03760095
31	0.01713745	0.0547384
32	0.02255241	0.07729081
33	0.02870306	0.10599387
34	0.03536292	0.14135679
35	0.04221098	0.18356777
36	0.0488553	0.23242307
37	0.05487052	0.28729359
38	0.05984416	0.34713775
39	0.06342458	0.41056233
40	0.06536256	0.47592489
41	0.06553969	0.54146458
42	0.06397922	0.6054438
43	0.06083812	0.66628192

44	0.05638281	0.72266473
45	0.05095335	0.77361808
46	0.04492264	0.81854072
47	0.03865683	0.85719755
48	0.03248248	0.88968003
49	0.02666362	0.91634365
50	0.02139015	0.9377338
51	0.01677659	0.95451039
52	0.01286922	0.96737961
53	0.00965866	0.97703827
54	0.00709494	0.98413321
55	0.00510262	0.98923584
56	0.00359411	0.99282995
57	0.00248015	0.99531009
58	0.00167719	0.99698728
59	0.00111181	0.99809909
60	0.00072268	0.99882176
61	0.00046072	0.99928248
62	0.00028816	0.99957064
63	0.00017686	0.9997475
64	0.00010655	0.99985405
65	0.00006302	0.99991706
66	0.0000366	0.99995366
67	0.00002088	0.99997454
68	0.0000117	0.99998624
69	0.00000644	0.99999269
70	0.00000349	0.99999618
71	0.00000186	0.99999803
72	9.7e-7	0.999999
73	5e-7	0.9999995
74	2.5e-7	0.99999976
75	1.3e-7	0.99999988
76	6e-8	0.99999994
77	3e-8	0.99999997
78	1e-8	0.99999999
79	1e-8	0.99999999
80	0	1
...	...	...
410	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 410**

Erwartungswert:
μ = 41

Standardabweichung:
σ = 6.075

1σ-Intervall:
p(35≤X≤47) = 0.71584076

2σ-Intervall:
p(29≤X≤53) = 0.96093654

3σ-Intervall: p(23≤X≤59) = 0.99757688

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p = 0.1		n = 420
k	**p(X=k)**	**p(x≤k)**
0	0	0
...	...	...
11	0	0
12	1e-8	2e-8
13	4e-8	6e-8
14	1.3e-7	1.9e-7
15	3.9e-7	5.7e-7
16	0.0000011	0.00000167
17	0.00000289	0.00000456
18	0.0000072	0.00001176
19	0.00001692	0.00002868
20	0.0000377	0.00006638
21	0.00007978	0.00014615
22	0.00016076	0.00030692
23	0.0003091	0.00061602
24	0.00056812	0.00118414
25	0.00099989	0.00218404
26	0.00168785	0.00387189
27	0.00273668	0.00660857
28	0.00426792	0.0108765
29	0.00641006	0.01728656
30	0.00928272	0.02656927
31	0.01297584	0.03954511
32	0.0175264	0.05707151
33	0.02289644	0.07996794
34	0.02895726	0.1089252
35	0.03548413	0.14440933
36	0.04216479	0.18657412
37	0.04862245	0.23519657
38	0.05445146	0.28964803
39	0.05926057	0.3489086
40	0.06271743	0.41162603
41	0.06458706	0.47621309
42	0.06475792	0.54097101
43	0.06325192	0.60422294
44	0.06021711	0.66444005
45	0.05590527	0.72034532
46	0.05063883	0.77098415
47	0.04477287	0.81575701
48	0.03865805	0.85441507
49	0.03260951	0.88702458
50	0.02688473	0.91390931

51	0.02167179	0.9355811
52	0.01708737	0.95266847
53	0.01318271	0.96585119
54	0.00995485	0.97580603
55	0.00736055	0.98316658
56	0.00533056	0.98849714
57	0.00378231	0.99227945
58	0.00263022	0.99490967
59	0.00179311	0.99670278
60	0.00119873	0.99790151
61	0.00078605	0.99868756
62	0.00050572	0.99919328
63	0.00031931	0.99951259
64	0.0001979	0.99971049
65	0.00012043	0.99983093
66	0.00007198	0.99990291
67	0.00004226	0.99994516
68	0.00002437	0.99996953
69	0.00001382	0.99998335
70	0.0000077	0.99999105
71	0.00000422	0.99999526
72	0.00000227	0.99999753
73	0.0000012	0.99999873
74	6.3e-7	0.99999936
75	3.2e-7	0.99999968
76	1.6e-7	0.99999984
77	8e-8	0.99999993
78	4e-8	0.99999996
79	2e-8	0.99999998
80	1e-8	0.99999999
81	0	1
...	...	...
420	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 420**

Erwartungswert:
μ = 42

Standardabweichung:
σ = 6.148

1σ-Intervall:
p(36≤X≤48) = 0.71000573

2σ-Intervall:
p(30≤X≤54) = 0.95851948

3σ-Intervall:
p(24≤X≤60) = 0.99728549

p = 0.1		n = 430
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
11	0	0
12	1e-8	1e-8
13	2e-8	3e-8
14	6e-8	9e-8
15	1.9e-7	2.8e-7
16	5.6e-7	8.4e-7
17	0.00000152	0.00000236
18	0.00000387	0.00000623
19	0.00000932	0.00001554
20	0.00002127	0.00003682
21	0.00004615	0.00008296
22	0.00009532	0.00017828
23	0.00018788	0.00036616
24	0.00035401	0.00072017
25	0.0006388	0.00135897
26	0.00110561	0.00246458
27	0.00183813	0.0043027
28	0.00293955	0.00724225
29	0.00452758	0.01176983
30	0.00672429	0.01849412
31	0.00964056	0.02813468
32	0.01335619	0.04149088
33	0.0178982	0.05938907
34	0.02322087	0.08260994
35	0.02919195	0.11180189
36	0.03558895	0.14739084
37	0.04210824	0.18949908
38	0.04838754	0.23788663
39	0.05403965	0.29192628
40	0.05869306	0.35061934
41	0.06203332	0.41265266
42	0.06383852	0.47649118
43	0.06400348	0.54049466
44	0.06254886	0.60304352
45	0.05961447	0.66265799
46	0.05543857	0.71809656
47	0.05032721	0.76842377
48	0.0446188	0.81304258
49	0.03864939	0.85169197
50	0.03272315	0.88441513
51	0.02709106	0.91150619
52	0.02193913	0.93344532
53	0.01738573	0.95083105

54	0.01348646	0.96431751
55	0.01024426	0.97456177
56	0.00762222	0.98218398
57	0.00555694	0.98774092
58	0.00397076	0.99171168
59	0.00278178	0.99449346
60	0.00191118	0.99640464
61	0.00128805	0.99769269
62	0.00085177	0.99854446
63	0.00055283	0.99909729
64	0.00035223	0.99944953
65	0.00022037	0.9996699
66	0.00013541	0.99980531
67	0.00008174	0.99988706
68	0.00004848	0.99993554
69	0.00002826	0.9999638
70	0.0000162	0.99998
71	0.00000912	0.99998912
72	0.00000505	0.99999418
73	0.00000275	0.99999693
74	0.00000148	0.99999841
75	7.8e-7	0.99999919
76	4e-7	0.99999959
77	2.1e-7	0.9999998
78	1e-7	0.9999999
79	5e-8	0.99999995
80	3e-8	0.99999998
81	1e-8	0.99999999
82	1e-8	1
83	0	1
...	...	...
430	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 430**

Erwartungswert:
μ = 43

Standardabweichung:
σ = 6.221

1σ-Intervall:
p(37≤X≤49) = 0.70430113

2σ-Intervall:
p(31≤X≤55) = 0.95606765

3σ-Intervall:
p(25≤X≤61) = 0.99697252

p = 0.1		n = 440
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
12	0	0
13	1e-8	1e-8
14	3e-8	4e-8
15	1e-7	1.4e-7
16	2.8e-7	4.2e-7
17	7.9e-7	0.00000121
18	0.00000206	0.00000327
19	0.00000507	0.00000834
20	0.00001187	0.00002021
21	0.00002638	0.00004659
22	0.00005581	0.0001024
23	0.00011271	0.00021511
24	0.00021759	0.0004327
25	0.0004023	0.000835
26	0.00071348	0.00154848
27	0.00121556	0.00276403
28	0.00199216	0.00475619
29	0.00314471	0.00790091
30	0.00478695	0.01268786
31	0.00703459	0.01972245
32	0.00999009	0.02971254
33	0.01372377	0.04343631
34	0.01825351	0.06168981
35	0.02352674	0.08521656
36	0.02940843	0.11462498
37	0.03567869	0.15030367
38	0.04204244	0.19234611
39	0.04815117	0.24049728
40	0.05363505	0.29413232
41	0.05814097	0.3522733
42	0.06137103	0.41364432
43	0.06311542	0.47675975
44	0.06327481	0.54003455
45	0.0618687	0.60190325
46	0.05902931	0.66093257
47	0.05498239	0.71591495
48	0.0500187	0.76593365
49	0.04446107	0.81039472
50	0.03863173	0.84902644
51	0.03282434	0.88185079
52	0.02728348	0.90913427
53	0.02219285	0.93132712
54	0.01767209	0.94899921

55	0.01378066	0.96277987
56	0.01052689	0.97330676
57	0.00787978	0.98118653
58	0.00578152	0.98696806
59	0.00415921	0.99112727
60	0.00293456	0.99406183
61	0.0020312	0.99609303
62	0.00137962	0.99747265
63	0.00091974	0.99839239
64	0.00060199	0.99899438
65	0.00038692	0.99938129
66	0.00024427	0.99962556
67	0.0001515	0.99977706
68	0.00009234	0.9998694
69	0.00005531	0.99992471
70	0.00003257	0.99995728
71	0.00001886	0.99997615
72	0.00001074	0.99998689
73	0.00000602	0.9999929
74	0.00000332	0.99999622
75	0.0000018	0.99999801
76	9.6e-7	0.99999897
77	5e-7	0.99999948
78	2.6e-7	0.99999974
79	1.3e-7	0.99999987
80	7e-8	0.99999994
81	3e-8	0.99999997
82	2e-8	0.99999999
83	1e-8	0.99999999
84	0	1
...	...	...
440	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 440**

Erwartungswert:
μ = 44

Standardabweichung:
σ = 6.293

1σ-Intervall:
p(38≤X≤50) = 0.69872277

2σ-Intervall:
p(32≤X≤56) = 0.95358431

3σ-Intervall:
p(26≤X≤62) = 0.99663765

p = 0.1		n = 450
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
12	0	0
13	0	1e-8
14	1e-8	2e-8
15	5e-8	7e-8
16	1.4e-7	2.1e-7
17	4.1e-7	6.2e-7
18	0.00000108	0.0000017
19	0.00000274	0.00000443
20	0.00000655	0.00001099
21	0.00001491	0.00002589
22	0.00003229	0.00005819
23	0.00006677	0.00012496
24	0.000132	0.00025696
25	0.00024992	0.00050688
26	0.00045392	0.00096079
27	0.00079202	0.00175281
28	0.00132946	0.00308227
29	0.00214954	0.00523181
30	0.0033517	0.00858351
31	0.00504556	0.01362907
32	0.00734059	0.02096966
33	0.01033121	0.03130087
34	0.0140788	0.04537967
35	0.01859295	0.06397262
36	0.02381505	0.08778767
37	0.0296079	0.11739557
38	0.03575457	0.15315014
39	0.04196832	0.19511846
40	0.04791384	0.2430323
41	0.0532376	0.29626989
42	0.05760364	0.35387354
43	0.06072942	0.41460296
44	0.06241635	0.47701931
45	0.06257046	0.53958978
46	0.06121024	0.60080001
47	0.05846084	0.65926085
48	0.05453639	0.71379724
49	0.04971344	0.76351068
50	0.0443002	0.80781088
51	0.03860584	0.84641672
52	0.03291395	0.87933067
53	0.02746279	0.90679347
54	0.0224336	0.92922707

55	0.01794688	0.94717395
56	0.01406551	0.96123946
57	0.01080275	0.97204221
58	0.00813311	0.98017531
59	0.0060041	0.98617941
60	0.00434741	0.99052683
61	0.00308833	0.99361515
62	0.00215297	0.99576813
63	0.00147329	0.99724141
64	0.00098986	0.99823128
65	0.00065314	0.99888442
66	0.00042333	0.99930775
67	0.00026958	0.99957734
68	0.00016871	0.99974605
69	0.00010378	0.99984983
70	0.00006276	0.99991259
71	0.00003732	0.99994991
72	0.00002183	0.99997174
73	0.00001256	0.9999843
74	0.00000711	0.99999141
75	0.00000396	0.99999537
76	0.00000217	0.99999754
77	0.00000117	0.99999872
78	6.2e-7	0.99999934
79	3.3e-7	0.99999966
80	1.7e-7	0.99999983
81	9e-8	0.99999992
82	4e-8	0.99999996
83	2e-8	0.99999998
84	1e-8	0.99999999
85	0	1
...	...	...
450	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 450**

Erwartungswert:
μ = 45

Standardabweichung:
σ = 6.364

1σ-Intervall:
p(39≤X≤51) = 0.69326658

2σ-Intervall:
p(33≤X≤57) = 0.95107254

3σ-Intervall:
p(26≤X≤64) = 0.9977244

p = 0.1		n = 460
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
13	0	0
14	1e-8	1e-8
15	2e-8	3e-8
16	7e-8	1e-7
17	2.1e-7	3.1e-7
18	5.7e-7	8.8e-7
19	0.00000146	0.00000234
20	0.00000358	0.00000592
21	0.00000833	0.00001425
22	0.00001847	0.00003272
23	0.00003909	0.00007181
24	0.00007908	0.00015089
25	0.00015325	0.00030414
26	0.00028488	0.00058902
27	0.0005088	0.00109782
28	0.00087425	0.00197207
29	0.00144703	0.00341909
30	0.00230989	0.00572898
31	0.00356004	0.00928902
32	0.00530297	0.01459199
33	0.007642	0.02223399
34	0.01066383	0.03289782
35	0.01442156	0.04731938
36	0.01891717	0.06623655
37	0.02408673	0.09032328
38	0.02979148	0.12011476
39	0.03581768	0.15593243
40	0.04188678	0.19781922
41	0.04767601	0.24549523
42	0.05284722	0.29834245
43	0.05708046	0.35542291
44	0.06010745	0.41553036
45	0.06174	0.47727037
46	0.06188913	0.5391595
47	0.06057234	0.59973184
48	0.05790828	0.65764013
49	0.05410025	0.71174038
50	0.04941157	0.76115194
51	0.04413669	0.80528864
52	0.03857245	0.84386109
53	0.03299279	0.87685388
54	0.02762976	0.90448364
55	0.02266199	0.92714563

56	0.01821053	0.94535615
57	0.01434123	0.95969739
58	0.01107187	0.97076926
59	0.00838209	0.97915135
60	0.00622448	0.98537583
61	0.00453514	0.98991098
62	0.00324287	0.99315385
63	0.0022763	0.99543015
64	0.00156891	0.99699905
65	0.00106203	0.99806108
66	0.00070623	0.99876732
67	0.00046145	0.99922877
68	0.00029632	0.99952509
69	0.00018705	0.99971214
70	0.00011609	0.99982824
71	0.00007085	0.99989909
72	0.00004253	0.99994162
73	0.00002512	0.99996674
74	0.0000146	0.99998134
75	0.00000835	0.99998969
76	0.0000047	0.99999438
77	0.0000026	0.99999699
78	0.00000142	0.99999841
79	7.6e-7	0.99999917
80	4e-7	0.99999957
81	2.1e-7	0.99999978
82	1.1e-7	0.99999989
83	5e-8	0.99999995
84	3e-8	0.99999997
85	1e-8	0.99999999
86	1e-8	0.99999999
87	0	1
...	...	...
460	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 460**

Erwartungswert:
μ = 46

Standardabweichung:
σ = 6.434

1σ-Intervall:
p(40≤X≤52) = 0.68792866

2σ-Intervall:
p(34≤X≤58) = 0.94853527

3σ-Intervall:
p(27≤X≤65) = 0.99747206

p = 0.1		n = 470
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
14	0	0
15	1e-8	2e-8
16	4e-8	5e-8
17	1e-7	1.6e-7
18	2.9e-7	4.5e-7
19	7.7e-7	0.00000122
20	0.00000194	0.00000316
21	0.00000461	0.00000777
22	0.00001045	0.00001822
23	0.00002262	0.00004084
24	0.00004682	0.00008766
25	0.0000928	0.00018046
26	0.00017648	0.00035695
27	0.00032247	0.00067941
28	0.00056687	0.00124629
29	0.00095999	0.00220628
30	0.00156799	0.00377427
31	0.00247281	0.00624708
32	0.00376932	0.0100164
33	0.0055588	0.01557519
34	0.00793854	0.02351373
35	0.01098795	0.03450168
36	0.01475234	0.04925402
37	0.01922677	0.0684808
38	0.02434267	0.09282346
39	0.02996021	0.12278367
40	0.03586903	0.1586527
41	0.04179859	0.20045129
42	0.04743809	0.24788938
43	0.05246383	0.30035321
44	0.05657084	0.35692405
45	0.05950415	0.4164282
46	0.06108518	0.47751337
47	0.06122958	0.53874296
48	0.05995397	0.59869692
49	0.05737092	0.65606784
50	0.05367368	0.70974152
51	0.04911317	0.75885469
52	0.04397098	0.80282567
53	0.03853222	0.8413579
54	0.0330616	0.87441949
55	0.0277851	0.90220459
56	0.0228786	0.9250832

57	0.01846344	0.94354663
58	0.01460804	0.95815468
59	0.0113343	0.96948898
60	0.00862666	0.97811564
61	0.0064425	0.98455814
62	0.00472219	0.98928033
63	0.00339798	0.99267831
64	0.002401	0.99507931
65	0.00166634	0.99674565
66	0.00113614	0.99788178
67	0.00076119	0.99864298
68	0.00050124	0.99914422
69	0.00032448	0.9994687
70	0.00020653	0.99967523
71	0.00012928	0.99980451
72	0.00007961	0.99988412
73	0.00004822	0.99993234
74	0.00002875	0.99996109
75	0.00001686	0.99997795
76	0.00000974	0.99998769
77	0.00000554	0.99999323
78	0.0000031	0.99999633
79	0.00000171	0.99999804
80	9.3e-7	0.99999897
81	5e-7	0.99999946
82	2.6e-7	0.99999973
83	1.4e-7	0.99999986
84	7e-8	0.99999993
85	4e-8	0.99999997
86	2e-8	0.99999998
87	1e-8	0.99999999
88	0	1
...	...	...
470	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 470**

Erwartungswert:
μ = 47

Standardabweichung:
σ = 6.504

1σ-Intervall:
p(41≤X≤53) = 0.6827052

2σ-Intervall:
p(34≤X≤60) = 0.96254045

3σ-Intervall:
p(28≤X≤66) = 0.99720237

p = 0.1		n = 480
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
14	0	0
15	1e-8	1e-8
16	2e-8	2e-8
17	5e-8	8e-8
18	1.5e-7	2.3e-7
19	4.1e-7	6.3e-7
20	0.00000104	0.00000167
21	0.00000253	0.00000419
22	0.00000585	0.00001005
23	0.00001295	0.000023
24	0.0000274	0.0000504
25	0.00005553	0.00010593
26	0.00010798	0.00021392
27	0.00020174	0.00041566
28	0.00036266	0.00077832
29	0.00062805	0.00140636
30	0.00104908	0.00245544
31	0.00169206	0.0041475
32	0.00263796	0.00678546
33	0.00397915	0.01076461
34	0.00581268	0.0165773
35	0.00823002	0.02480732
36	0.01130358	0.0361109
37	0.01507144	0.05118233
38	0.01952236	0.07070469
39	0.02458371	0.0952884
40	0.03011505	0.12540345
41	0.03590954	0.16131299
42	0.04170446	0.20301745
43	0.0472004	0.25021785
44	0.05208731	0.30230516
45	0.05607424	0.35837941
46	0.05891859	0.417298
47	0.06045075	0.47774875
48	0.06059068	0.53833943
49	0.05935414	0.59769357
50	0.05684807	0.65454164
51	0.05325637	0.707798
52	0.04881834	0.75661634
53	0.04380345	0.80041979
54	0.03848575	0.83890554
55	0.03312107	0.87202661
56	0.02792947	0.89995609

57	0.02308401	0.9230401
58	0.01870601	0.94174611
59	0.01486617	0.95661227
60	0.01159011	0.96820238
61	0.00886675	0.97706913
62	0.00665801	0.98372713
63	0.00490837	0.9886355
64	0.00355346	0.99218896
65	0.0025269	0.99471586
66	0.00176543	0.99648129
67	0.00121209	0.99769337
68	0.00081796	0.99851133
69	0.00054267	0.99905401
70	0.00035403	0.99940803
71	0.00022715	0.99963519
72	0.00014337	0.99977856
73	0.00008904	0.9998676
74	0.00005441	0.99992201
75	0.00003273	0.99995474
76	0.00001938	0.99997411
77	0.0000113	0.99998541
78	0.00000649	0.9999919
79	0.00000367	0.99999556
80	0.00000204	0.9999976
81	0.00000112	0.99999873
82	6.1e-7	0.99999933
83	3.2e-7	0.99999965
84	1.7e-7	0.99999982
85	9e-8	0.99999991
86	4e-8	0.99999996
87	2e-8	0.99999998
88	1e-8	0.99999999
89	1e-8	1
90	0	1
...	...	...
480	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 480**

Erwartungswert:
μ = 48

Standardabweichung:
σ = 6.573

1σ-Intervall:
p(42≤X≤54) = 0.67759256

2σ-Intervall:
p(35≤X≤61) = 0.96049183

3σ-Intervall:
p(29≤X≤67) = 0.99691506

p = 0.1		n = 490
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
15	0	0
16	1e-8	1e-8
17	3e-8	4e-8
18	8e-8	1.1e-7
19	2.1e-7	3.2e-7
20	5.5e-7	8.8e-7
21	0.00000137	0.00000225
22	0.00000325	0.00000549
23	0.00000734	0.00001283
24	0.00001586	0.00002869
25	0.00003285	0.00006154
26	0.00006529	0.00012683
27	0.00012466	0.00025149
28	0.00022904	0.00048053
29	0.00040543	0.00088596
30	0.00069223	0.00157819
31	0.00114131	0.0027195
32	0.00181897	0.00453847
33	0.002805	0.00734347
34	0.00418917	0.01153265
35	0.00606433	0.01759698
36	0.00851626	0.02611324
37	0.01161076	0.037724
38	0.01537917	0.05310316
39	0.01980451	0.07290767
40	0.02481065	0.09771832
41	0.03025689	0.12797521
42	0.03594006	0.16391528
43	0.04160503	0.20552031
44	0.04696326	0.25248357
45	0.05171756	0.30420113
46	0.05559013	0.35979126
47	0.05834993	0.41814119
48	0.05983569	0.47797688
49	0.05997137	0.53794825
50	0.05877194	0.59672019
51	0.05633912	0.65305931
52	0.05284802	0.70590733
53	0.04852711	0.75443444
54	0.04363446	0.7980689
55	0.03843359	0.83650249
56	0.03317184	0.86967433
57	0.02806351	0.89773784

58	0.02327874	0.92101658
59	0.01893863	0.93995521
60	0.01511583	0.95507105
61	0.01183936	0.96691041
62	0.0091023	0.97601271
63	0.00687087	0.98288358
64	0.00509351	0.9879771
65	0.00370912	0.99168622
66	0.00265383	0.99434005
67	0.00186605	0.9962061
68	0.00128977	0.99749586
69	0.00087646	0.99837232
70	0.0005857	0.99895802
71	0.00038497	0.99934299
72	0.00024892	0.99959191
73	0.00015837	0.99975028
74	0.00009916	0.99984944
75	0.00006111	0.99991055
76	0.00003708	0.99994763
77	0.00002215	0.99996978
78	0.00001303	0.99998281
79	0.00000755	0.99999036
80	0.00000431	0.99999467
81	0.00000242	0.99999709
82	0.00000134	0.99999844
83	7.3e-7	0.99999917
84	4e-7	0.99999957
85	2.1e-7	0.99999978
86	1.1e-7	0.99999989
87	6e-8	0.99999994
88	3e-8	0.99999997
89	1e-8	0.99999999
90	1e-8	0.99999999
91	0	1
...	...	...
490	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 490**

Erwartungswert:
μ = 49

Standardabweichung:
σ = 6.641

1σ-Intervall:
p(43≤X≤55) = 0.67258721

2σ-Intervall:
p(36≤X≤62) = 0.95841573

3σ-Intervall:
p(30≤X≤68) = 0.9966099

p = 0.1		n = 500
k	p(X=k)	p(x≤k)
0	0	0
...	...	...
15	0	0
16	0	1e-8
17	1e-8	2e-8
18	4e-8	6e-8
19	1.1e-7	1.7e-7
20	2.9e-7	4.6e-7
21	7.4e-7	0.00000119
22	0.00000178	0.00000297
23	0.00000411	0.00000709
24	0.00000909	0.00001618
25	0.00001922	0.0000354
26	0.00003902	0.00007443
27	0.00007612	0.00015055
28	0.00014288	0.00029343
29	0.00025839	0.00055181
30	0.00045074	0.00100255
31	0.00075931	0.00176186
32	0.00123651	0.00299837
33	0.00194845	0.00494682
34	0.00297361	0.00792043
35	0.00439906	0.01231949
36	0.00631346	0.01863295
37	0.00879713	0.02743008
38	0.01190957	0.03933965
39	0.01567584	0.0550155
40	0.02007379	0.07508929
41	0.02502424	0.10011353
42	0.03038657	0.1305001
43	0.03596137	0.16646147
44	0.04150088	0.20796235
45	0.04672691	0.25468926
46	0.05135446	0.30604372
47	0.05511802	0.36116174
48	0.05779737	0.41895911
49	0.05923903	0.47819814
50	0.05937067	0.53756881
51	0.05820654	0.59577535
52	0.05584345	0.6516188
53	0.05244836	0.70406716
54	0.04823954	0.7523067
55	0.04346431	0.79577101
56	0.03837623	0.83414724
57	0.03321451	0.86736175

58	0.0281878	0.89554955
59	0.02346329	0.91901284
60	0.01916169	0.93817452
61	0.01535727	0.95353179
62	0.01208215	0.96561395
63	0.0093333	0.97494725
64	0.007081	0.98202825
65	0.00527746	0.98730571
66	0.00386481	0.99117051
67	0.00278164	0.99395215
68	0.00196805	0.9959202
69	0.00136908	0.99728928
70	0.00093662	0.99822591
71	0.00063028	0.99885619
72	0.00041727	0.99927345
73	0.00027183	0.99954528
74	0.00017428	0.99971956
75	0.00010999	0.99982955
76	0.00006834	0.99989789
77	0.00004181	0.99993971
78	0.0000252	0.9999649
79	0.00001495	0.99997986
80	0.00000874	0.9999886
81	0.00000504	0.99999364
82	0.00000286	0.9999965
83	0.0000016	0.9999981
84	8.8e-7	0.99999898
85	4.8e-7	0.99999946
86	2.6e-7	0.99999972
87	1.4e-7	0.99999986
88	7e-8	0.99999993
89	4e-8	0.99999996
90	2e-8	0.99999998
91	1e-8	0.99999999
92	0	1
...	...	...
500	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.1		**n = 500**

Erwartungswert: μ = 50
Standardabweichung: σ = 6.708
1σ-Intervall: p(44≤X≤56) = 0.66768577
2σ-Intervall: p(37≤X≤63) = 0.9563143
3σ-Intervall: p(30≤X≤70) = 0.9976741