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Mathematik > Wahrscheinlichkeitstafeln > Binomialverteilung

Wahrscheinlichkeitstafel: Binomialverteilung B(1, 0.6) bis B(100, 0.6) (Schrittweite 1)

1- bis 99-malig durchgeführtes Bernoulli-Experiment (T = Treffer, N = Nichttreffer) mit Trefferwahrscheinlichkeit p = 0.6, binomialverteilte Zufallsvariable X als Anzahl k des Auftretens von T mit p(X=k), p(X≤k) (kumuliert), Erwartungswert μ, Standardabweichung σ, 1σ-, 2σ-, 3σ-Intervalle

p = 0.6	**n = 1**
k **p(X=k)**	**p(x≤k)**
0 0.4	0.4
1 0.6	1
k **p(X=k)**	**p(x≤k)**
p = 0.6	**n = 1**
Erwartungswert: μ = 0.6	
Standardabweichung: σ = 0.49	
1σ-Intervall: p(1≤X≤1) = 0.6	
2σ-Intervall: p(0≤X≤1) = 1	
3σ-Intervall: p(0≤X≤1) = 1	

p = 0.6	**n = 2**
k **p(X=k)**	**p(x≤k)**
0 0.16	0.16
1 0.48	0.64
2 0.36	1
k **p(X=k)**	**p(x≤k)**
p = 0.6	**n = 2**
Erwartungswert: μ = 1.2	
Standardabweichung: σ = 0.693	
1σ-Intervall: p(1≤X≤1) = 0.48	
2σ-Intervall: p(0≤X≤2) = 1	
3σ-Intervall: p(0≤X≤2) = 1	

p = 0.6	**n = 3**
k **p(X=k)**	**p(x≤k)**
0 0.064	0.064
1 0.288	0.352
2 0.432	0.784
3 0.216	1
k **p(X=k)**	**p(x≤k)**

p = 0.6	n = 3
Erwartungswert: μ = 1.8	
Standardabweichung: σ = 0.849	
1σ-Intervall: p(1≤X≤2) = 0.72	
2σ-Intervall: p(1≤X≤3) = 0.936	
3σ-Intervall: p(0≤X≤3) = 1	

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p = 0.6		n = 4
k	**p(X=k)**	**p(x≤k)**
0	0.0256	0.0256
1	0.1536	0.1792
2	0.3456	0.5248
3	0.3456	0.8704
4	0.1296	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 4**
Erwartungswert: μ = 2.4		
Standardabweichung: σ = 0.98		
1σ-Intervall: p(2≤X≤3) = 0.6912		
2σ-Intervall: p(1≤X≤4) = 0.9744		
3σ-Intervall: p(0≤X≤4) = 1		

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p = 0.6		n = 5
k	**p(X=k)**	**p(x≤k)**
0	0.01024	0.01024
1	0.0768	0.08704
2	0.2304	0.31744
3	0.3456	0.66304
4	0.2592	0.92224
5	0.07776	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 5**
Erwartungswert: μ = 3		
Standardabweichung: σ = 1.095		
1σ-Intervall: p(2≤X≤4) = 0.8352		
2σ-Intervall: p(1≤X≤5) = 0.98976		

3σ-Intervall: p(0≤X≤5) = 1

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p = 0.6		n = 6
k	**p(X=k)**	**p(x≤k)**
0	0.004096	0.004096
1	0.036864	0.04096
2	0.13824	0.1792
3	0.27648	0.45568
4	0.31104	0.76672
5	0.186624	0.953344
6	0.046656	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 6**
Erwartungswert: μ = 3.6		
Standardabweichung: σ = 1.2		
1σ-Intervall: p(3≤X≤4) = 0.58752		
2σ-Intervall: p(2≤X≤6) = 0.95904		
3σ-Intervall: p(0≤X≤6) = 1		

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p = 0.6		n = 7
k	**p(X=k)**	**p(x≤k)**
0	0.0016384	0.0016384
1	0.0172032	0.0188416
2	0.0774144	0.096256
3	0.193536	0.289792
4	0.290304	0.580096
5	0.2612736	0.8413696
6	0.1306368	0.9720064
7	0.0279936	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 7**
Erwartungswert: μ = 4.2		
Standardabweichung: σ = 1.296		
1σ-Intervall: p(3≤X≤5) = 0.7451136		
2σ-Intervall: p(2≤X≤6) = 0.9531648		
3σ-Intervall: p(1≤X≤7) = 0.9983616		

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p = 0.6		n = 8
k	**p(X=k)**	**p(x≤k)**
0	0.00065536	0.00065536
1	0.00786432	0.00851968
2	0.04128768	0.04980736
3	0.12386304	0.1736704
4	0.2322432	0.4059136
5	0.27869184	0.68460544
6	0.20901888	0.89362432
7	0.08957952	0.98320384
8	0.01679616	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 8**

Erwartungswert:
$\mu = 4.8$

Standardabweichung:
$\sigma = 1.386$

1σ-Intervall:
$p(4 \le X \le 6) = 0.71995392$

2σ-Intervall:
$p(3 \le X \le 7) = 0.93339648$

3σ-Intervall:
$p(1 \le X \le 8) = 0.99934464$

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p = 0.6		n = 9
k	**p(X=k)**	**p(x≤k)**
0	0.00026214	0.00026214
1	0.00353894	0.00380109
2	0.02123366	0.02503475
3	0.07431782	0.09935258
4	0.1672151	0.26656768
5	0.25082266	0.51739034
6	0.25082266	0.76821299
7	0.16124314	0.92945613
8	0.06046618	0.9899223
9	0.0100777	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 9**

Erwartungswert:
$\mu = 5.4$

Standardabweichung:
$\sigma = 1.47$

1σ-Intervall:
$p(4 \le X \le 6) = 0.66886042$

2σ-Intervall:
$p(3 \le X \le 8) = 0.96488755$

3σ-Intervall:
$p(1 \le X \le 9) = 0.99973786$

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p = 0.6		n = 10
k	**p(X=k)**	**p(x≤k)**
0	0.00010486	0.00010486
1	0.00157286	0.00167772
2	0.01061683	0.01229455
3	0.04246733	0.05476188
4	0.11147674	0.16623862
5	0.20065812	0.36689674
6	0.25082266	0.6177194
7	0.21499085	0.83271025
8	0.12093235	0.9536426
9	0.04031078	0.99395338
10	0.00604662	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 10**

Erwartungswert:
μ = 6

Standardabweichung:
σ = 1.549

1σ-Intervall:
p(5≤X≤7) = 0.66647163

2σ-Intervall:
p(3≤X≤9) = 0.98165883

3σ-Intervall:
p(2≤X≤10) = 0.99832228

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p = 0.6		n = 11
k	**p(X=k)**	**p(x≤k)**
0	0.00004194	0.00004194
1	0.00069206	0.000734
2	0.00519045	0.00592445
3	0.02335703	0.02928148
4	0.07007109	0.09935258
5	0.14714929	0.24650187
6	0.22072394	0.4672258
7	0.23648993	0.70371574
8	0.17736745	0.88108319
9	0.08868372	0.96976691
10	0.02660512	0.99637203
11	0.00362797	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 11**

Erwartungswert:
μ = 6.6

Standardabweichung:
σ = 1.625

1σ-Intervall:
p(5≤X≤8) = 0.78173061

2σ-Intervall:
p(4≤X≤9) = 0.94048543

3σ-Intervall: p(2≤X≤11) = 0.999266

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p = 0.6		n = 12
k	**p(X=k)**	**p(x≤k)**
0	0.00001678	0.00001678
1	0.00030199	0.00031877
2	0.00249142	0.00281018
3	0.01245708	0.01526727
4	0.04204265	0.05730992
5	0.10090237	0.15821229
6	0.17657915	0.33479144
7	0.22703034	0.56182178
8	0.21284094	0.77466272
9	0.14189396	0.91655668
10	0.06385228	0.98040896
11	0.01741426	0.99782322
12	0.00217678	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 12**

Erwartungswert: μ = 7.2
Standardabweichung: σ = 1.697
1σ-Intervall: p(6≤X≤8) = 0.61645042
2σ-Intervall: p(4≤X≤10) = 0.96514169
3σ-Intervall: p(3≤X≤12) = 0.99718982

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p = 0.6		n = 13
k	**p(X=k)**	**p(x≤k)**
0	0.00000671	0.00000671
1	0.00013086	0.00013757
2	0.00117776	0.00131533
3	0.00647768	0.00779302
4	0.02429131	0.03208433
5	0.06558654	0.09767087
6	0.13117308	0.22884395
7	0.19675962	0.42560358
8	0.22135458	0.64695815
9	0.18446215	0.8314203
10	0.11067729	0.94209759
11	0.04527707	0.98737466
12	0.01131927	0.99869393
13	0.00130607	1
k	**p(X=k)**	**p(x≤k)**

p = 0.6	n = 13
Erwartungswert: μ = 7.8	
Standardabweichung: σ = 1.766	
1σ-Intervall: p(7≤X≤9) = 0.60257635	
2σ-Intervall: p(5≤X≤11) = 0.95529033	
3σ-Intervall: p(3≤X≤13) = 0.99868467	

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p = 0.6		n = 14
k	**p(X=k)**	**p(x≤k)**
0	0.00000268	0.00000268
1	0.00005637	0.00005906
2	0.00054962	0.00060868
3	0.00329773	0.00390641
4	0.01360313	0.01750954
5	0.0408094	0.05831894
6	0.09182116	0.1501401
7	0.1574077	0.3075478
8	0.20659761	0.51414541
9	0.20659761	0.72074301
10	0.1549482	0.87569122
11	0.0845172	0.96020842
12	0.03169395	0.99190237
13	0.00731399	0.99921636
14	0.00078364	1
k	**p(X=k)**	**p(x≤k)**

p = 0.6	n = 14
Erwartungswert: μ = 8.4	
Standardabweichung: σ = 1.833	
1σ-Intervall: p(7≤X≤10) = 0.72555111	
2σ-Intervall: p(5≤X≤12) = 0.97439283	
3σ-Intervall: p(3≤X≤13) = 0.99860768	

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p = 0.6		n = 15
k	**p(X=k)**	**p(x≤k)**
0	0.00000107	0.00000107
1	0.00002416	0.00002523
2	0.00025367	0.0002789
3	0.00164886	0.00192777
4	0.00741989	0.00934766

5	0.02448564	0.0338333
6	0.06121411	0.09504741
7	0.11805577	0.21310318
8	0.17708366	0.39018684
9	0.20659761	0.59678445
10	0.18593784	0.78272229
11	0.1267758	0.9094981
12	0.0633879	0.972886
13	0.02194197	0.99482797
14	0.00470185	0.99952982
15	0.00047018	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 15**

Erwartungswert:
μ = 9

Standardabweichung:
σ = 1.897

1σ-Intervall:
p(8≤X≤10) = 0.56961911

2σ-Intervall:
p(6≤X≤12) = 0.9390527

3σ-Intervall:
p(4≤X≤14) = 0.99760205

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p = 0.6		**n = 16**
k	**p(X=k)**	**p(x≤k)**
0	4.3e-7	4.3e-7
1	0.00001031	0.00001074
2	0.00011596	0.0001267
3	0.00081175	0.00093845
4	0.00395728	0.00489573
5	0.01424619	0.01914192
6	0.03917703	0.05831894
7	0.08395077	0.14226972
8	0.14166693	0.28393665
9	0.18888924	0.47282589
10	0.1983337	0.67115959
11	0.16227303	0.83343262
12	0.10142064	0.93485326
13	0.04680953	0.98166279
14	0.01504592	0.99670871
15	0.00300918	0.99971789
16	0.00028211	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 16**

Erwartungswert:
μ = 9.6

Standardabweichung:
σ = 1.96

1σ-Intervall: p(8≤X≤11) = 0.6911629
2σ-Intervall: p(6≤X≤13) = 0.96252087
3σ-Intervall: p(4≤X≤15) = 0.99877944

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p = 0.6		**n = 17**
k	**p(X=k)**	**p(x≤k)**
0	1.7e-7	1.7e-7
1	0.00000438	0.00000455
2	0.00005257	0.00005712
3	0.00039428	0.0004514
4	0.00206996	0.00252136
5	0.00807284	0.0105942
6	0.02421853	0.03481273
7	0.05708653	0.09189925
8	0.10703724	0.19893649
9	0.16055585	0.35949234
10	0.19266702	0.55215937
11	0.18390943	0.7360688
12	0.13793207	0.87400087
13	0.0795762	0.95357707
14	0.03410408	0.98768115
15	0.01023123	0.99791238
16	0.00191835	0.99983073
17	0.00016927	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 17**

Erwartungswert: μ = 10.2
Standardabweichung: σ = 2.02
1σ-Intervall: p(9≤X≤12) = 0.67506438
2σ-Intervall: p(7≤X≤14) = 0.95286842
3σ-Intervall: p(5≤X≤16) = 0.99730937

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p = 0.6		**n = 18**
k	**p(X=k)**	**p(x≤k)**
0	7e-8	7e-8
1	0.00000186	0.00000192
2	0.00002366	0.00002558
3	0.00018925	0.00021483
4	0.00106455	0.00127938
5	0.00447111	0.0057505

6	0.01453112	0.02028161
7	0.03736573	0.05764734
8	0.07706681	0.13471415
9	0.12844468	0.26315883
10	0.17340032	0.43655915
11	0.18916399	0.62572314
12	0.16551849	0.79124163
13	0.11458972	0.90583135
14	0.06138735	0.9672187
15	0.02455494	0.99177364
16	0.00690608	0.99867972
17	0.00121872	0.99989844
18	0.00010156	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 18**

Erwartungswert:
μ = 10.8

Standardabweichung:
σ = 2.078

1σ-Intervall:
p(9≤X≤12) = 0.65652748

2σ-Intervall:
p(7≤X≤14) = 0.94693709

3σ-Intervall:
p(5≤X≤17) = 0.99861906

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p = 0.6		**n = 19**
k	**p(X=k)**	**p(x≤k)**
0	3e-8	3e-8
1	7.8e-7	8.1e-7
2	0.00001058	0.00001139
3	0.0000899	0.00010128
4	0.00053937	0.00064065
5	0.00242718	0.00306783
6	0.00849511	0.01156294
7	0.02366496	0.0352279
8	0.05324616	0.08847406
9	0.09761796	0.18609202
10	0.14642694	0.33251896
11	0.17970579	0.51222475
12	0.17970579	0.69193054
13	0.14514698	0.83707752
14	0.09330877	0.93038629
15	0.04665439	0.97704068
16	0.0174954	0.99453607
17	0.00463113	0.99916721
18	0.00077186	0.99993906
19	0.00006094	1

k	p(X=k)	p(x≤k)
	p = 0.6	n = 19

Erwartungswert:
μ = 11.4

Standardabweichung:
σ = 2.135

1σ-Intervall:
p(10≤X≤13) = 0.6509855

2σ-Intervall:
p(8≤X≤15) = 0.94181278

3σ-Intervall:
p(5≤X≤17) = 0.99852655

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	p = 0.6	n = 20
k	p(X=k)	p(x≤k)
0	1e-8	1e-8
1	3.3e-7	3.4e-7
2	0.0000047	0.00000504
3	0.0000423	0.00004734
4	0.00026969	0.00031703
5	0.00129449	0.00161152
6	0.00485435	0.00646588
7	0.01456305	0.02102893
8	0.03549744	0.05652637
9	0.07099488	0.12752125
10	0.11714155	0.2446628
11	0.15973848	0.40440127
12	0.17970579	0.58410706
13	0.16588227	0.74998933
14	0.1244117	0.87440103
15	0.07464702	0.94904805
16	0.03499079	0.98403884
17	0.01234969	0.99638853
18	0.00308742	0.99947595
19	0.00048749	0.99996344
20	0.00003656	1
k	p(X=k)	p(x≤k)
	p = 0.6	n = 20

Erwartungswert:
μ = 12

Standardabweichung:
σ = 2.191

1σ-Intervall:
p(10≤X≤14) = 0.74687978

2σ-Intervall:
p(8≤X≤16) = 0.96300991

3σ-Intervall:
p(6≤X≤18) = 0.99786443

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p = 0.6		n = 21
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	1.4e-7	1.4e-7
2	0.00000208	0.00000222
3	0.00001974	0.00002196
4	0.00013326	0.00015522
5	0.00067961	0.00083483
6	0.00271844	0.00355326
7	0.00873783	0.0122911
8	0.02293681	0.0352279
9	0.04969642	0.08492432
10	0.08945355	0.17437787
11	0.13418032	0.30855819
12	0.1677254	0.47628359
13	0.17417638	0.65045997
14	0.14929404	0.79975401
15	0.10450583	0.90425984
16	0.05878453	0.96304436
17	0.02593435	0.98897871
18	0.00864478	0.9976235
19	0.00204745	0.99967095
20	0.00030712	0.99997806
21	0.00002194	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 21**
Erwartungswert: $\mu = 12.6$		
Standardabweichung: $\sigma = 2.245$		
1σ-Intervall: $p(11 \le X \le 14) = 0.62537614$		
2σ-Intervall: $p(9 \le X \le 17) = 0.95375081$		
3σ-Intervall: $p(6 \le X \le 19) = 0.99883612$		

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p = 0.6		n = 22
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	6e-8	6e-8
2	9.1e-7	9.7e-7
3	0.00000914	0.00001012
4	0.00006515	0.00007527
5	0.0003518	0.00042706
6	0.00149514	0.0019222
7	0.00512619	0.0070484
8	0.01441742	0.02146582

9	0.03364065	0.05510647
10	0.06559927	0.12070574
11	0.10734426	0.22804999
12	0.14759835	0.37564835
13	0.17030579	0.54595414
14	0.16422344	0.71017758
15	0.13137875	0.84155634
16	0.08621731	0.92777365
17	0.04564446	0.9734181
18	0.01901852	0.99243663
19	0.00600585	0.99844248
20	0.00135132	0.99979379
21	0.00019305	0.99998684
22	0.00001316	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 22**

Erwartungswert:
μ = 13.2

Standardabweichung:
σ = 2.298

1σ-Intervall:
p(11≤X≤15) = 0.7208506

2σ-Intervall:
p(9≤X≤17) = 0.95195228

3σ-Intervall:
p(7≤X≤20) = 0.99787159

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p = 0.6		**n = 23**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	2e-8	2e-8
2	4e-7	4.3e-7
3	0.00000421	0.00000463
4	0.00003155	0.00003618
5	0.00017981	0.00021598
6	0.00080913	0.00102512
7	0.00294756	0.00397268
8	0.00884269	0.01281537
9	0.02210671	0.03492208
10	0.0464241	0.08134618
11	0.08229726	0.16364344
12	0.1234459	0.28708934
13	0.15668133	0.44377067
14	0.16787285	0.61164352
15	0.15108557	0.76272909
16	0.11331418	0.87604326
17	0.06998817	0.94603143
18	0.03499408	0.98102551

19	0.01381345	0.99483897
20	0.00414404	0.998983
21	0.00088801	0.99987101
22	0.00012109	0.9999921
23	0.0000079	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 23**

Erwartungswert:
μ = 13.8

Standardabweichung:
σ = 2.349

1σ-Intervall:
p(12≤X≤16) = 0.71239982

2σ-Intervall:
p(10≤X≤18) = 0.94610343

3σ-Intervall:
p(7≤X≤20) = 0.99795788

---

p = 0.6		**n = 24**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	1e-8	1e-8
2	1.7e-7	1.9e-7
3	0.00000192	0.00000211
4	0.00001514	0.00001725
5	0.00009085	0.0001081
6	0.00043154	0.00053964
7	0.00166451	0.00220414
8	0.00530561	0.00750975
9	0.0141483	0.02165805
10	0.03183367	0.05349172
11	0.06077336	0.11426508
12	0.09875672	0.2130218
13	0.13674007	0.34976187
14	0.16115794	0.51091981
15	0.16115794	0.67207775
16	0.13597701	0.80805476
17	0.09598377	0.90403853
18	0.05599053	0.96002906
19	0.02652183	0.98655089
20	0.00994569	0.99649658
21	0.00284162	0.99933821
22	0.00058124	0.99991945
23	0.00007581	0.99999526
24	0.00000474	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 24**

Erwartungswert:
μ = 14.4

Standardabweichung: σ = 2.4
1σ-Intervall: p(12≤X≤16) = 0.69378967
2σ-Intervall: p(10≤X≤19) = 0.96489284
3σ-Intervall: p(8≤X≤21) = 0.99713406

---

p = 0.6		**n = 25**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	8e-8	8e-8
3	8.7e-7	9.5e-7
4	0.00000721	0.00000816
5	0.00004543	0.00005359
6	0.00022713	0.00028072
7	0.00092473	0.00120544
8	0.00312095	0.00432639
9	0.00884269	0.01316907
10	0.02122244	0.03439152
11	0.04340955	0.07780106
12	0.07596671	0.15376777
13	0.11395006	0.26771783
14	0.14650722	0.41422504
15	0.16115794	0.57538298
16	0.15108557	0.72646855
17	0.11997972	0.84644827
18	0.07998648	0.92643474
19	0.04420305	0.9706378
20	0.01989137	0.99052917
21	0.00710406	0.99763323
22	0.00193747	0.9995707
23	0.00037907	0.99994977
24	0.00004738	0.99999716
25	0.00000284	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 25**

Erwartungswert: μ = 15
Standardabweichung: σ = 2.449
1σ-Intervall: p(13≤X≤17) = 0.6926805
2σ-Intervall: p(11≤X≤19) = 0.93624628
3σ-Intervall: p(8≤X≤22) = 0.99836526

---

p = 0.6		n = 26
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	3e-8	3e-8
3	4e-7	4.3e-7
4	0.00000341	0.00000384
5	0.0000225	0.00002633
6	0.00011811	0.00014444
7	0.00050617	0.00065061
8	0.00180321	0.00245382
9	0.00540964	0.00786346
10	0.01379459	0.02165805
11	0.03009729	0.05175534
12	0.05643241	0.10818775
13	0.09116005	0.19934779
14	0.12697292	0.32632071
15	0.15236751	0.47868822
16	0.15712899	0.63581721
17	0.13864323	0.77446044
18	0.10398242	0.87844286
19	0.06567311	0.94411596
20	0.03447838	0.97859434
21	0.01477645	0.99337079
22	0.00503743	0.99840822
23	0.00131411	0.99972233
24	0.0002464	0.99996873
25	0.00002957	0.99999829
26	0.00000171	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 26**
Erwartungswert: $\mu = 15.6$		
Standardabweichung: $\sigma = 2.498$		
1σ-Intervall: $p(14 \le X \le 18) = 0.67909506$		
2σ-Intervall: $p(11 \le X \le 20) = 0.95693629$		
3σ-Intervall: $p(9 \le X \le 23) = 0.99726851$		

---

p = 0.6		n = 27
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	1e-8	1e-8
3	1.8e-7	1.9e-7

4	0.0000016	0.00000179
5	0.00001104	0.00001284
6	0.00006074	0.00007358
7	0.00027333	0.00034691
8	0.00102498	0.00137189
9	0.00324579	0.00461768
10	0.00876362	0.0133813
11	0.02031567	0.03369697
12	0.04063133	0.0743283
13	0.07032346	0.14465176
14	0.1054852	0.25013696
15	0.13713076	0.38726772
16	0.1542721	0.54153982
17	0.14973468	0.6912745
18	0.1247789	0.8160534
19	0.08865869	0.9047121
20	0.05319522	0.95790732
21	0.02659761	0.98450492
22	0.01088084	0.99538576
23	0.0035481	0.99893386
24	0.00088702	0.99982089
25	0.00015966	0.99998055
26	0.00001842	0.99999898
27	0.00000102	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 27**
Erwartungswert: μ = 16.2		
Standardabweichung: σ = 2.546		
1σ-Intervall: p(14≤X≤18) = 0.67140164		
2σ-Intervall: p(12≤X≤21) = 0.95080796		
3σ-Intervall: p(9≤X≤23) = 0.99756197		

---

p = 0.6		**n = 28**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	1e-8	1e-8
3	8e-8	9e-8
4	7.5e-7	8.3e-7
5	0.00000538	0.00000621
6	0.00003092	0.00003713
7	0.00014578	0.00018291
8	0.00057399	0.0007569

9	0.00191331	0.00267021
10	0.00545292	0.00812313
11	0.01338444	0.02150756
12	0.02844193	0.0499495
13	0.05250819	0.10245769
14	0.08438816	0.18684584
15	0.11814342	0.30498926
16	0.14398729	0.44897656
17	0.15245713	0.60143369
18	0.13975237	0.74118606
19	0.11033082	0.85151688
20	0.0744733	0.92599019
21	0.04255617	0.96854636
22	0.0203109	0.98885726
23	0.00794774	0.996805
24	0.00248367	0.99928867
25	0.00059608	0.99988475
26	0.00010317	0.99998792
27	0.00001146	0.99999939
28	6.1e-7	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 28**

Erwartungswert:
μ = 16.8

Standardabweichung:
σ = 2.592

1σ-Intervall:
p(15≤X≤19) = 0.66467104

2σ-Intervall:
p(12≤X≤21) = 0.94703879

3σ-Intervall:
p(10≤X≤24) = 0.99661847

---

p = 0.6		**n = 29**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	4e-8	4e-8
4	3.5e-7	3.8e-7
5	0.0000026	0.00000298
6	0.0000156	0.00001858
7	0.00007686	0.00009544
8	0.00031706	0.00041251
9	0.00110972	0.00152222
10	0.00332915	0.00485137
11	0.00862553	0.0134769
12	0.01940744	0.03288434

13	0.03806844	0.07095277
14	0.06526017	0.13621295
15	0.09789026	0.23410321
16	0.12848097	0.36258418
17	0.14737523	0.50995941
18	0.14737523	0.65733464
19	0.12798375	0.78531839
20	0.09598781	0.8813062
21	0.06170645	0.94301266
22	0.03365806	0.97667072
23	0.01536564	0.99203636
24	0.00576211	0.99779847
25	0.00172863	0.99952711
26	0.00039892	0.99992602
27	0.00006649	0.99999251
28	0.00000712	0.99999963
29	3.7e-7	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 29**
Erwartungswert: μ = 17.4		
Standardabweichung: σ = 2.638		
1σ-Intervall: p(15≤X≤20) = 0.74509325		
2σ-Intervall: p(13≤X≤22) = 0.94378638		
3σ-Intervall: p(10≤X≤25) = 0.99800488		

---

p = 0.6		**n = 30**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	2e-8	2e-8
4	1.6e-7	1.8e-7
5	0.00000125	0.00000142
6	0.0000078	0.00000922
7	0.0000401	0.00004933
8	0.00017294	0.00022227
9	0.00063412	0.00085639
10	0.00199749	0.00285388
11	0.0054477	0.00830158
12	0.01293829	0.02123988
13	0.02687184	0.04811171
14	0.04894513	0.09705684
15	0.07831221	0.17536905

16	0.11012654	0.2854956
17	0.13603867	0.42153427
18	0.14737523	0.5689095
19	0.13961864	0.70852814
20	0.11518538	0.82371352
21	0.08227527	0.90598878
22	0.0504871	0.95647588
23	0.02634109	0.98281698
24	0.01152423	0.9943412
25	0.00414872	0.99848993
26	0.00119675	0.99968667
27	0.00026594	0.99995262
28	0.00004274	0.99999536
29	0.00000442	0.99999978
30	2.2e-7	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 30**

Erwartungswert:
μ = 18

Standardabweichung:
σ = 2.683

1σ-Intervall:
p(16≤X≤20) = 0.64834446

2σ-Intervall:
p(13≤X≤23) = 0.9615771

3σ-Intervall:
p(10≤X≤26) = 0.99883028

---

p = 0.6		**n = 31**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	1e-8	1e-8
4	7e-8	8e-8
5	6e-7	6.8e-7
6	0.00000387	0.00000454
7	0.00002072	0.00002526
8	0.00009324	0.0001185
9	0.00035742	0.00047592
10	0.00117947	0.00165539
11	0.00337758	0.00503296
12	0.00844394	0.0134769
13	0.01851171	0.03198861
14	0.03570115	0.06768977
15	0.06069196	0.12838173
16	0.09103794	0.21941967
17	0.1204914	0.33991107

18	0.1405733	0.48048436
19	0.14427259	0.62475696
20	0.12984533	0.75460229
21	0.10202133	0.85662362
22	0.06956	0.92618362
23	0.0408287	0.96701232
24	0.02041435	0.98742667
25	0.00857403	0.99600069
26	0.00296793	0.99896862
27	0.00082443	0.99979305
28	0.00017666	0.99996971
29	0.00002741	0.99999713
30	0.00000274	0.99999987
31	1.3e-7	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 31**

Erwartungswert:
μ = 18.6

Standardabweichung:
σ = 2.728

1σ-Intervall:
p(16≤X≤21) = 0.7282419

2σ-Intervall:
p(14≤X≤24) = 0.95543806

3σ-Intervall:
p(11≤X≤26) = 0.99731324

---

p = 0.6		**n = 32**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	3e-8	4e-8
5	2.8e-7	3.2e-7
6	0.0000019	0.00000222
7	0.00001061	0.00001283
8	0.00004973	0.00006256
9	0.00019891	0.00026147
10	0.00068624	0.00094771
11	0.00205871	0.00300642
12	0.00540412	0.00841054
13	0.01247105	0.02088158
14	0.02538749	0.04626907
15	0.04569748	0.09196655
16	0.07283036	0.16479691
17	0.10281932	0.26761623
18	0.12852416	0.39614039

19	0.14205301	0.5381934
20	0.13850169	0.67669509
21	0.11871573	0.79541082
22	0.0890368	0.88444762
23	0.05806748	0.9425151
24	0.03266296	0.97517806
25	0.01567822	0.99085628
26	0.00633159	0.99718787
27	0.00211053	0.99929839
28	0.00056532	0.99986372
29	0.00011696	0.99998068
30	0.00001754	0.99999822
31	0.0000017	0.99999992
32	8e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 32**

Erwartungswert:
μ = 19.2

Standardabweichung:
σ = 2.771

1σ-Intervall:
p(17≤X≤21) = 0.63061392

2σ-Intervall:
p(14≤X≤24) = 0.95429647

3σ-Intervall:
p(11≤X≤27) = 0.99835069

---

p = 0.6		**n = 33**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	2e-8	2e-8
5	1.3e-7	1.5e-7
6	9.3e-7	0.00000108
7	0.00000539	0.00000647
8	0.00002626	0.00003272
9	0.0001094	0.00014212
10	0.00039384	0.00053596
11	0.00123523	0.00177119
12	0.00339688	0.00516807
13	0.00823089	0.01339896
14	0.01763762	0.03103658
15	0.03351148	0.06454806
16	0.05655063	0.12109869
17	0.08482594	0.20592464
18	0.11310126	0.31902589

19	0.1339357	0.45296159
20	0.14063248	0.59359408
21	0.13058731	0.72418138
22	0.10684416	0.83102554
23	0.07664907	0.90767461
24	0.04790567	0.95558028
25	0.02586906	0.98144935
26	0.01193957	0.99338891
27	0.00464316	0.99803208
28	0.00149245	0.99952452
29	0.00038598	0.9999105
30	0.0000772	0.9999877
31	0.00001121	0.9999989
32	0.00000105	0.99999995
33	5e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 33**

Erwartungswert:
μ = 19.8

Standardabweichung:
σ = 2.814

1σ-Intervall:
p(17≤X≤22) = 0.70992685

2σ-Intervall:
p(15≤X≤25) = 0.95041277

3σ-Intervall:
p(12≤X≤28) = 0.99775333

---

p = 0.6		**n = 34**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	1e-8	1e-8
5	6e-8	7e-8
6	4.5e-7	5.2e-7
7	0.00000271	0.00000323
8	0.00001373	0.00001697
9	0.00005951	0.00007648
10	0.00022318	0.00029966
11	0.0007304	0.00103005
12	0.00209989	0.00312994
13	0.00533048	0.00846042
14	0.01199358	0.02045401
15	0.02398717	0.04444117
16	0.04272714	0.08716832
17	0.06786075	0.15502907

18	0.09613607	0.25116514
19	0.12143503	0.37260017
20	0.13661441	0.50921459
21	0.13661441	0.645829
22	0.12109005	0.76691905
23	0.09476612	0.86168517
24	0.06515171	0.92683688
25	0.03909103	0.96592791
26	0.02029726	0.98622517
27	0.00902101	0.99524618
28	0.00338288	0.99862906
29	0.00104986	0.99967891
30	0.00026246	0.99994138
31	0.0000508	0.99999218
32	0.00000714	0.99999932
33	6.5e-7	0.99999997
34	3e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 34**

Erwartungswert:
μ = 20.4

Standardabweichung:
σ = 2.857

1σ-Intervall:
p(18≤X≤23) = 0.7066561

2σ-Intervall:
p(15≤X≤26) = 0.96577117

3σ-Intervall:
p(12≤X≤28) = 0.997599

---

p = 0.6		**n = 35**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	3e-8	3e-8
6	2.2e-7	2.5e-7
7	0.00000136	0.00000161
8	0.00000712	0.00000873
9	0.00003205	0.00004077
10	0.00012498	0.00016575
11	0.00042606	0.00059182
12	0.00127819	0.00187001
13	0.00339212	0.00526213
14	0.00799572	0.01325786
15	0.01679102	0.03004887

16	0.03148316	0.06153203
17	0.05278059	0.11431262
18	0.07917088	0.1934835
19	0.10625565	0.29973915
20	0.12750679	0.42724594
21	0.13661441	0.56386035
22	0.13040467	0.69426502
23	0.11056048	0.8048255
24	0.08292036	0.88774586
25	0.05472744	0.94247329
26	0.03157352	0.97404681
27	0.01578676	0.98983357
28	0.00676575	0.99659933
29	0.00244967	0.999049
30	0.0007349	0.9997839
31	0.0001778	0.9999617
32	0.00003334	0.99999504
33	0.00000455	0.99999958
34	4e-7	0.99999998
35	2e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 35**

Erwartungswert:
$\mu = 21$

Standardabweichung:
$\sigma = 2.898$

1σ-Intervall:
$p(19 \le X \le 23) = 0.611342$

2σ-Intervall:
$p(16 \le X \le 26) = 0.94399794$

3σ-Intervall:
$p(13 \le X \le 29) = 0.99717899$

---

p = 0.6		**n = 36**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	1e-8	2e-8
6	1e-7	1.2e-7
7	6.7e-7	7.9e-7
8	0.00000366	0.00000446
9	0.00001709	0.00002155
10	0.00006922	0.00009077
11	0.00024541	0.00033618
12	0.00076692	0.00110309

13	0.00212377	0.00322686
14	0.00523356	0.00846042
15	0.01151384	0.01997426
16	0.02266787	0.04264214
17	0.04000213	0.08264426
18	0.0633367	0.14598097
19	0.09000479	0.23598576
20	0.11475611	0.35074187
21	0.13114984	0.4818917
22	0.13413051	0.61602222
23	0.12246699	0.73848921
24	0.09950443	0.83799364
25	0.07164319	0.90963683
26	0.04546587	0.9551027
27	0.02525882	0.98036152
28	0.01217836	0.99253988
29	0.00503932	0.9975792
30	0.00176376	0.99934296
31	0.00051206	0.99985502
32	0.00012001	0.99997503
33	0.00002182	0.99999685
34	0.00000289	0.99999974
35	2.5e-7	0.99999999
36	1e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 36**
Erwartungswert: μ = 21.6		
Standardabweichung: σ = 2.939		
1σ-Intervall: p(19≤X≤24) = 0.69201267		
2σ-Intervall: p(16≤X≤27) = 0.96038726		
3σ-Intervall: p(13≤X≤30) = 0.99823987		

---

p = 0.6		**n = 37**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	1e-8	1e-8
6	5e-8	6e-8
7	3.3e-7	3.9e-7
8	0.00000187	0.00000226

9	0.00000903	0.00001129
10	0.00003794	0.00004923
11	0.0001397	0.00018893
12	0.00045401	0.00064294
13	0.00130966	0.0019526
14	0.00336768	0.00532028
15	0.00774567	0.01306596
16	0.01597545	0.02904141
17	0.02960158	0.05864299
18	0.04933596	0.10797895
19	0.07400394	0.18198288
20	0.09990532	0.2818882
21	0.1213136	0.4032018
22	0.13234211	0.53554391
23	0.12946511	0.66500901
24	0.11328197	0.77829098
25	0.08835993	0.86665092
26	0.06117226	0.92782318
27	0.03738305	0.96520623
28	0.02002663	0.98523286
29	0.00932274	0.9945556
30	0.0037291	0.9982847
31	0.00126308	0.99954778
32	0.00035524	0.99990302
33	0.00008074	0.99998376
34	0.00001425	0.99999801
35	0.00000183	0.99999984
36	1.5e-7	0.99999999
37	1e-8	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 37**
Erwartungswert: μ = 22.2		
Standardabweichung: σ = 2.98		
1σ-Intervall: p(20≤X≤25) = 0.68466803		
2σ-Intervall: p(17≤X≤28) = 0.95619145		
3σ-Intervall: p(14≤X≤31) = 0.99759518		

---

p = 0.6		**n = 38**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0

4	0	0
5	0	0
6	2e-8	3e-8
7	1.6e-7	1.9e-7
8	9.5e-7	0.00000114
9	0.00000473	0.00000587
10	0.0000206	0.00002647
11	0.00007864	0.00010511
12	0.00026542	0.00037054
13	0.00079627	0.00116681
14	0.00213287	0.00329967
15	0.00511888	0.00841855
16	0.01103759	0.01945614
17	0.0214259	0.04088204
18	0.03749533	0.07837737
19	0.05920315	0.13758052
20	0.08436449	0.22194501
21	0.10846863	0.33041364
22	0.125725	0.45613864
23	0.13119131	0.58732995
24	0.12299185	0.7103218
25	0.10331315	0.81363496
26	0.07748487	0.89111982
27	0.05165658	0.9427764
28	0.03044048	0.97321688
29	0.01574508	0.98896196
30	0.00708528	0.99604724
31	0.00274269	0.99878993
32	0.00089995	0.99968988
33	0.00024544	0.99993532
34	0.00005414	0.99998946
35	0.00000928	0.99999874
36	0.00000116	0.9999999
37	9e-8	1
38	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 38**

Erwartungswert:
$\mu = 22.8$

Standardabweichung:
$\sigma = 3.02$

1σ-Intervall:
$p(20 \le X \le 25) = 0.67605443$

2σ-Intervall:
$p(17 \le X \le 28) = 0.95376074$

3σ-Intervall:
$p(14 \le X \le 31) = 0.99762313$

p = 0.6		n = 39
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	1e-8	1e-8
7	8e-8	9e-8
8	4.8e-7	5.7e-7
9	0.00000246	0.00000303
10	0.00001108	0.00001411
11	0.00004382	0.00005793
12	0.00015336	0.00021128
13	0.00047776	0.00068904
14	0.00133091	0.00201995
15	0.00332727	0.00534723
16	0.00748636	0.01283359
17	0.01519291	0.0280265
18	0.02785367	0.05588017
19	0.04617846	0.10205863
20	0.06926769	0.17132632
21	0.09400615	0.26533246
22	0.11537118	0.38070364
23	0.12791152	0.50861517
24	0.12791152	0.63652669
25	0.11512037	0.75164706
26	0.09298184	0.8446289
27	0.06715355	0.91178245
28	0.04317014	0.95495259
29	0.02456232	0.97951491
30	0.01228116	0.99179607
31	0.00534825	0.99714432
32	0.00200559	0.99914991
33	0.00063814	0.99978806
34	0.00016892	0.99995698
35	0.0000362	0.99999317
36	0.00000603	0.99999921
37	7.3e-7	0.99999994
38	6e-8	1
39	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 39**
Erwartungswert: $\mu = 23.4$		
Standardabweichung: $\sigma = 3.059$		

1σ-Intervall: p(21≤X≤26) = 0.67330258
2σ-Intervall: p(18≤X≤29) = 0.95148841
3σ-Intervall: p(15≤X≤32) = 0.99712996

---

p = 0.6		**n = 40**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	1e-8	1e-8
7	4e-8	4e-8
8	2.4e-7	2.8e-7
9	0.00000127	0.00000155
10	0.00000591	0.00000746
11	0.00002417	0.00003164
12	0.00008763	0.00011927
13	0.00028312	0.00040239
14	0.00081902	0.00122141
15	0.00212945	0.00335086
16	0.00499091	0.00834177
17	0.01056898	0.01891075
18	0.02025722	0.03916797
19	0.03518359	0.07435156
20	0.05541415	0.12976571
21	0.07916307	0.20892878
22	0.10255216	0.31148093
23	0.12038732	0.43186825
24	0.12791152	0.55977978
25	0.12279506	0.68257484
26	0.10626496	0.7888398
27	0.08265052	0.87149032
28	0.05756019	0.92905051
29	0.03572701	0.96477752
30	0.01964986	0.98442738
31	0.009508	0.99393537
32	0.00401119	0.99794656
33	0.00145861	0.99940517
34	0.00045045	0.99985562
35	0.00011583	0.99997145
36	0.00002413	0.99999559
37	0.00000391	0.9999995

38	4.6e-7	0.99999996
39	4e-8	1
40	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 40**

Erwartungswert:
μ = 24

Standardabweichung:
σ = 3.098

1σ-Intervall:
p(21≤X≤27) = 0.74172462

2σ-Intervall:
p(18≤X≤30) = 0.96551662

3σ-Intervall:
p(15≤X≤33) = 0.99818376

---

p = 0.6		**n = 41**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	2e-8	2e-8
8	1.2e-7	1.4e-7
9	6.5e-7	7.9e-7
10	0.00000313	0.00000392
11	0.00001322	0.00001713
12	0.00004956	0.00006669
13	0.00016583	0.00023252
14	0.00049748	0.00073
15	0.00134319	0.00207319
16	0.00327404	0.00534723
17	0.00722214	0.01256936
18	0.01444428	0.02701364
19	0.02622776	0.0532414
20	0.04327581	0.09651722
21	0.06491372	0.16143093
22	0.08851871	0.24994964
23	0.10968622	0.35963586
24	0.123397	0.48303286
25	0.12586494	0.6088978
26	0.11618302	0.72508082
27	0.09681918	0.82190001
28	0.07261439	0.8945144
29	0.04882692	0.94334131

30	0.02929615	0.97263746
31	0.01559311	0.98823057
32	0.00730927	0.99553985
33	0.00299016	0.99853
34	0.00105535	0.99958535
35	0.0003166	0.99990196
36	0.00007915	0.99998111
37	0.00001604	0.99999715
38	0.00000253	0.99999968
39	2.9e-7	0.99999998
40	2e-8	1
41	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 41**

Erwartungswert:
μ = 24.6

Standardabweichung:
σ = 3.137

1σ-Intervall:
p(22≤X≤27) = 0.66046907

2σ-Intervall:
p(19≤X≤30) = 0.94562382

3σ-Intervall:
p(16≤X≤34) = 0.99751216

---

p = 0.6		**n = 42**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	1e-8	1e-8
8	6e-8	7e-8
9	3.3e-7	4e-7
10	0.00000164	0.00000204
11	0.00000716	0.0000092
12	0.00002775	0.00003696
13	0.00009606	0.00013302
14	0.00029849	0.00043151
15	0.00083577	0.00126727
16	0.00211553	0.0033828
17	0.00485328	0.00823608
18	0.01011099	0.01834707
19	0.01915767	0.03750475
20	0.03304698	0.07055173

21	0.05193097	0.1224827
22	0.07435571	0.19683842
23	0.09698571	0.29382413
24	0.11517053	0.40899466
25	0.12438418	0.53337884
26	0.12199217	0.65537101
27	0.10843749	0.7638085
28	0.08713727	0.85094576
29	0.0630994	0.91404516
30	0.04101461	0.95505977
31	0.02381493	0.97887471
32	0.01227958	0.99115428
33	0.00558163	0.99673591
34	0.00221623	0.99895214
35	0.00075985	0.99971199
36	0.00022162	0.99993362
37	0.00005391	0.99998753
38	0.00001064	0.99999816
39	0.00000164	0.9999998
40	1.8e-7	0.99999999
41	1e-8	1
42	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 42**
Erwartungswert: μ = 25.2		
Standardabweichung: σ = 3.175		
1σ-Intervall: p(23≤X≤28) = 0.65410735		
2σ-Intervall: p(19≤X≤31) = 0.96052763		
3σ-Intervall: p(16≤X≤34) = 0.99768487		

---

p = 0.6		**n = 43**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	3e-8	3e-8
9	1.7e-7	2e-7
10	8.6e-7	0.00000106

11	0.00000385	0.00000491
12	0.0000154	0.0000203
13	0.00005508	0.00007538
14	0.00017703	0.00025242
15	0.0005134	0.00076581
16	0.00134767	0.00211349
17	0.00321063	0.00532411
18	0.00695636	0.01228048
19	0.01372966	0.02601014
20	0.0247134	0.05072354
21	0.04060058	0.09132412
22	0.06090087	0.15222499
23	0.08340771	0.2356327
24	0.10425964	0.33989234
25	0.11885599	0.45874833
26	0.12342737	0.58217571
27	0.1165703	0.69874601
28	0.0999174	0.7986634
29	0.07752212	0.87618552
30	0.05426548	0.93045101
31	0.03413474	0.96458575
32	0.01920079	0.98378654
33	0.0096004	0.99338693
34	0.00423547	0.9976224
35	0.00163368	0.99925608
36	0.00054456	0.99980064
37	0.00015454	0.99995518
38	0.0000366	0.99999178
39	0.00000704	0.99999882
40	0.00000106	0.99999988
41	1.2e-7	0.99999999
42	1e-8	1
43	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 43**

Erwartungswert:
μ = 25.8

Standardabweichung:
σ = 3.212

1σ-Intervall:
p(23≤X≤29) = 0.72396053

2σ-Intervall:
p(20≤X≤32) = 0.95777639

3σ-Intervall:
p(17≤X≤35) = 0.9971426

---

p = 0.6		**n = 44**
k	**p(X=k)**	**p(x≤k)**
0	0	0

1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	1e-8	2e-8
9	8e-8	1e-7
10	4.4e-7	5.4e-7
11	0.00000205	0.0000026
12	0.00000847	0.00001107
13	0.00003127	0.00004234
14	0.00010386	0.0001462
15	0.00031158	0.00045777
16	0.00084711	0.00130488
17	0.00209285	0.00339774
18	0.00470892	0.00810666
19	0.00966568	0.01777234
20	0.01812316	0.0358955
21	0.03106827	0.06696377
22	0.0487207	0.11568447
23	0.06990361	0.18558807
24	0.09174848	0.27733656
25	0.11009818	0.38743474
26	0.12068454	0.50811928
27	0.12068454	0.62880383
28	0.10990914	0.73871296
29	0.09095929	0.82967225
30	0.06821947	0.89789172
31	0.04621319	0.9441049
32	0.02816116	0.97226606
33	0.01536063	0.9876267
34	0.00745442	0.99508112
35	0.00319475	0.99827587
36	0.00119803	0.99947391
37	0.00038855	0.99986246
38	0.00010736	0.99996982
39	0.00002478	0.9999946
40	0.00000465	0.99999924
41	6.8e-7	0.99999992
42	7e-8	0.99999999
43	1e-8	1
44	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 44**
Erwartungswert: μ = 26.4		

Standardabweichung: σ = 3.25
1σ-Intervall: p(24≤X≤29) = 0.64408418
2σ-Intervall: p(20≤X≤32) = 0.95449372
3σ-Intervall: p(17≤X≤36) = 0.99816902

---

p = 0.6		**n = 45**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	1e-8	1e-8
9	4e-8	5e-8
10	2.3e-7	2.8e-7
11	0.00000109	0.00000136
12	0.00000462	0.00000598
13	0.00001759	0.00002357
14	0.00006031	0.00008388
15	0.00018695	0.00027083
16	0.00052579	0.00079662
17	0.00134541	0.00214202
18	0.00313928	0.00528131
19	0.00669163	0.01197293
20	0.01304867	0.02502161
21	0.0233012	0.04832281
22	0.03812924	0.08645205
23	0.05719386	0.14364591
24	0.07864156	0.22228747
25	0.09908836	0.32137583
26	0.11433273	0.43570856
27	0.12068454	0.5563931
28	0.11637438	0.67276748
29	0.1023292	0.77509668
30	0.08186336	0.85696004
31	0.05941695	0.91637699
32	0.03899238	0.95536937
33	0.02304095	0.97841032
34	0.01219815	0.99060847
35	0.00575056	0.99635902
36	0.00239607	0.99875509

37	0.00087424	0.99962933
38	0.00027608	0.9999054
39	0.00007433	0.99997973
40	0.00001672	0.99999645
41	0.00000306	0.99999951
42	4.4e-7	0.99999995
43	5e-8	1
44	0	1
45	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 45**

Erwartungswert:
μ = 27

Standardabweichung:
σ = 3.286

1σ-Intervall:
p(24≤X≤30) = 0.71331413

2σ-Intervall:
p(21≤X≤33) = 0.95338871

3σ-Intervall:
p(18≤X≤36) = 0.99661306

---

p = 0.6		**n = 46**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	2e-8	2e-8
10	1.2e-7	1.4e-7
11	5.7e-7	7.1e-7
12	0.0000025	0.00000321
13	0.00000981	0.00001302
14	0.00003468	0.0000477
15	0.00011096	0.00015866
16	0.00032249	0.00048114
17	0.00085364	0.00133478
18	0.00206296	0.00339774
19	0.00456022	0.00795796
20	0.00923445	0.0171924
21	0.01714968	0.03434209
22	0.02923242	0.06357451
23	0.04575509	0.10932959

24	0.06577294	0.17510253
25	0.08682028	0.26192281
26	0.10518611	0.36710892
27	0.11687345	0.48398237
28	0.11896048	0.60294285
29	0.11075631	0.71369916
30	0.09414286	0.80784202
31	0.0728848	0.88072682
32	0.05124712	0.93197394
33	0.03261181	0.96458575
34	0.01870383	0.98328958
35	0.00961911	0.99290869
36	0.00440876	0.99731745
37	0.00178734	0.99910478
38	0.00063497	0.99973976
39	0.00019538	0.99993513
40	0.00005129	0.99998642
41	0.00001126	0.99999768
42	0.00000201	0.99999969
43	2.8e-7	0.99999997
44	3e-8	1
45	0	1
46	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 46**

Erwartungswert:
μ = 27.6

Standardabweichung:
σ = 3.323

1σ-Intervall:
p(25≤X≤30) = 0.63273949

2σ-Intervall:
p(21≤X≤34) = 0.96609717

3σ-Intervall:
p(18≤X≤37) = 0.99777

---

p = 0.6		**n = 47**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	1e-8	1e-8

10	6e-8	7e-8
11	3e-7	3.7e-7
12	0.00000134	0.00000171
13	0.00000542	0.00000714
14	0.00001975	0.00002689
15	0.00006519	0.00009208
16	0.00019557	0.00028765
17	0.00053495	0.0008226
18	0.00133737	0.00215996
19	0.00306186	0.00522183
20	0.00642991	0.01165174
21	0.01240054	0.02405228
22	0.02198278	0.04603505
23	0.03584149	0.08187654
24	0.05376223	0.13563877
25	0.07419188	0.20983064
26	0.09416661	0.30399726
27	0.10986105	0.4138583
28	0.11770826	0.53156656
29	0.11567881	0.64724538
30	0.10411093	0.75135631
31	0.08563964	0.83699594
32	0.06422973	0.90122567
33	0.043793	0.94501866
34	0.02704861	0.97206728
35	0.01506994	0.98713722
36	0.00753497	0.99467219
37	0.00336019	0.99803238
38	0.00132639	0.99935877
39	0.00045914	0.99981791
40	0.00013774	0.99995565
41	0.00003528	0.99999092
42	0.00000756	0.99999848
43	0.00000132	0.9999998
44	1.8e-7	0.99999998
45	2e-8	1
46	0	1
47	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 47**

Erwartungswert:
μ = 28.2

Standardabweichung:
σ = 3.359

1σ-Intervall:
p(25≤X≤31) = 0.70135717

2σ-Intervall:
p(22≤X≤34) = 0.948015

3σ-Intervall:
$p(19 \le X \le 38) = 0.99719881$

p = 0.6		n = 48
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	1e-8	1e-8
10	3e-8	4e-8
11	1.5e-7	1.9e-7
12	7.2e-7	9.1e-7
13	0.00000297	0.00000388
14	0.00001116	0.00001504
15	0.00003793	0.00005297
16	0.00011734	0.00017031
17	0.00033132	0.00050163
18	0.00085591	0.00135754
19	0.00202716	0.00338471
20	0.00440908	0.00779379
21	0.00881816	0.01661195
22	0.01623344	0.03284539
23	0.02752626	0.06037165
24	0.04300978	0.10338143
25	0.06193409	0.16531552
26	0.08218177	0.24749729
27	0.10044438	0.34794167
28	0.11299993	0.46094161
29	0.11689648	0.57783809
30	0.11105166	0.68888975
31	0.09672241	0.78561216
32	0.07707567	0.86268783
33	0.05605503	0.91874287
34	0.03709524	0.95583811
35	0.02225715	0.97809526
36	0.01205595	0.99015121
37	0.00586506	0.99601627
38	0.00254667	0.99856294
39	0.00097949	0.99954243
40	0.00033058	0.999873
41	0.00009675	0.99996976

42	0.00002419	0.99999395
43	0.00000506	0.99999901
44	8.6e-7	0.99999987
45	1.2e-7	0.99999999
46	1e-8	1
47	0	1
48	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 48**

Erwartungswert:
μ = 28.8

Standardabweichung:
σ = 3.394

1σ-Intervall:
p(26≤X≤32) = 0.69737231

2σ-Intervall:
p(23≤X≤35) = 0.94524987

3σ-Intervall:
p(19≤X≤38) = 0.99720539

---

p = 0.6		**n = 49**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	2e-8	2e-8
11	8e-8	1e-7
12	3.8e-7	4.8e-7
13	0.00000162	0.0000021
14	0.00000625	0.00000834
15	0.00002186	0.00003021
16	0.00006969	0.0000999
17	0.00020293	0.00030284
18	0.00054116	0.000844
19	0.00132441	0.00216841
20	0.00297993	0.00514834
21	0.00617271	0.01132105
22	0.01178427	0.02310533
23	0.02075057	0.04385589
24	0.03371967	0.07757556
25	0.0505795	0.12815507

26	0.07003316	0.19818823
27	0.08948682	0.28767504
28	0.1054666	0.39314165
29	0.11455855	0.5077002
30	0.11455855	0.62225875
31	0.10531996	0.72757871
32	0.08886372	0.81644243
33	0.06866742	0.88510985
34	0.04847112	0.93358096
35	0.03116	0.96474097
36	0.01817667	0.98291764
37	0.0095796	0.99249723
38	0.0045377	0.99703494
39	0.0019198	0.99895473
40	0.00071992	0.99967466
41	0.00023705	0.99991171
42	0.00006773	0.99997943
43	0.00001654	0.99999597
44	0.00000338	0.99999936
45	5.6e-7	0.99999992
46	7e-8	0.99999999
47	1e-8	1
48	0	1
49	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 49**
Erwartungswert: μ = 29.4		
Standardabweichung: σ = 3.429		
1σ-Intervall: p(26≤X≤32) = 0.68828736		
2σ-Intervall: p(23≤X≤36) = 0.95981231		
3σ-Intervall: p(20≤X≤39) = 0.99678632		

---

p = 0.6		**n = 50**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0

9	0	0
10	1e-8	1e-8
11	4e-8	5e-8
12	2e-7	2.5e-7
13	8.8e-7	0.00000113
14	0.00000347	0.0000046
15	0.00001249	0.00001709
16	0.000041	0.00005809
17	0.00012299	0.00018108
18	0.00033822	0.0005193
19	0.00085446	0.00137376
20	0.00198662	0.00336038
21	0.00425704	0.00761743
22	0.00841734	0.01603476
23	0.01537079	0.03140555
24	0.02593821	0.05734376
25	0.0404636	0.09780736
26	0.05836097	0.15616833
27	0.07781462	0.23398295
28	0.09587873	0.32986168
29	0.10910338	0.43896507
30	0.11455855	0.55352362
31	0.11086312	0.66438674
32	0.09873746	0.7631242
33	0.0807852	0.8439094
34	0.0605889	0.90449829
35	0.04154667	0.94604497
36	0.02596667	0.97201164
37	0.01473784	0.98674948
38	0.00756284	0.99431231
39	0.00349054	0.99780286
40	0.00143985	0.9992427
41	0.00052677	0.99976948
42	0.00016932	0.9999388
43	0.00004725	0.99998605
44	0.00001128	0.99999733
45	0.00000226	0.99999958
46	3.7e-7	0.99999995
47	5e-8	1
48	0	1
49	0	1
50	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 50**
Erwartungswert: μ = 30		
Standardabweichung: σ = 3.464		

1σ-Intervall: p(27≤X≤33) = 0.68774106
2σ-Intervall: p(24≤X≤36) = 0.94060608
3σ-Intervall: p(20≤X≤40) = 0.99786894

---

p = 0.6		**n = 51**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	2e-8	3e-8
12	1e-7	1.3e-7
13	4.7e-7	6e-7
14	0.00000191	0.00000251
15	0.00000708	0.00000959
16	0.0000239	0.00003349
17	0.00007379	0.00010728
18	0.00020908	0.00031637
19	0.00054472	0.00086109
20	0.00130732	0.00216841
21	0.00289479	0.0050632
22	0.00592116	0.01098436
23	0.01119872	0.02218308
24	0.01959776	0.04178084
25	0.03174837	0.0735292
26	0.04762255	0.12115175
27	0.06614243	0.18729418
28	0.08504027	0.27233445
29	0.10116859	0.37350304
30	0.11128545	0.48478849
31	0.11308038	0.59786887
32	0.10601285	0.70388172
33	0.09155656	0.79543828
34	0.07270668	0.86814495
35	0.05297201	0.92111696
36	0.03531467	0.95643163
37	0.02147514	0.97790677

38	0.01186784	0.98977461
39	0.00593392	0.99570853
40	0.00267026	0.99837879
41	0.00107462	0.99945341
42	0.00038379	0.99983721
43	0.00012049	0.9999577
44	0.00003286	0.99999056
45	0.00000767	0.99999823
46	0.0000015	0.99999973
47	2.4e-7	0.99999997
48	3e-8	1
49	0	1
50	0	1
51	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 51**

Erwartungswert:
μ = 30.6

Standardabweichung:
σ = 3.499

1σ-Intervall:
p(28≤X≤34) = 0.68085077

2σ-Intervall:
p(24≤X≤37) = 0.95572369

3σ-Intervall:
p(21≤X≤41) = 0.997285

---

p = 0.6		**n = 52**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	1e-8	1e-8
12	5e-8	7e-8
13	2.5e-7	3.2e-7
14	0.00000105	0.00000137
15	0.00000398	0.00000535
16	0.00001381	0.00001915
17	0.00004385	0.00006301
18	0.00012791	0.00019092

19	0.00034334	0.00053425
20	0.00084976	0.00138402
21	0.00194231	0.00332633
22	0.00410534	0.00743166
23	0.00803218	0.01546385
24	0.01455833	0.03002218
25	0.024458	0.05448018
26	0.03809804	0.09257822
27	0.0550305	0.14760872
28	0.07370156	0.22131029
29	0.0914916	0.31280188
30	0.10521534	0.41801722
31	0.11200342	0.53002064
32	0.11025337	0.64027401
33	0.10023034	0.74050434
34	0.0840166	0.82452095
35	0.06481281	0.88933376
36	0.04590907	0.93524283
37	0.02977886	0.96502169
38	0.01763222	0.98265391
39	0.00949427	0.99214818
40	0.00462846	0.99677664
41	0.00203201	0.99880864
42	0.00079829	0.99960693
43	0.00027847	0.9998854
44	0.00008544	0.99997084
45	0.00002278	0.99999363
46	0.0000052	0.99999883
47	0.000001	0.99999982
48	1.6e-7	0.99999998
49	2e-8	1
50	0	1
51	0	1
52	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 52**

Erwartungswert:
μ = 31.2

Standardabweichung:
σ = 3.533

1σ-Intervall:
p(28≤X≤34) = 0.67691223

2σ-Intervall:
p(25≤X≤38) = 0.95263173

3σ-Intervall:
p(21≤X≤41) = 0.99742463

p = 0.6		n = 53
k	p(X=k)	p(x≤k)
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	1e-8	1e-8
12	3e-8	3e-8
13	1.3e-7	1.7e-7
14	5.7e-7	7.4e-7
15	0.00000222	0.00000296
16	0.00000791	0.00001087
17	0.00002583	0.00003669
18	0.00007748	0.00011417
19	0.00021408	0.00032825
20	0.00054591	0.00087416
21	0.00128678	0.00216094
22	0.00280752	0.00496846
23	0.00567608	0.01064454
24	0.01064264	0.02128718
25	0.0185182	0.03980538
26	0.02991402	0.0697194
27	0.04487102	0.11459042
28	0.06249893	0.17708935
29	0.08081758	0.25790692
30	0.09698109	0.35488802
31	0.10793057	0.46281859
32	0.1113034	0.57412199
33	0.10624416	0.68036614
34	0.09374484	0.77411099
35	0.07633509	0.85044607
36	0.05725131	0.90769739
37	0.03945699	0.94715437
38	0.0249202	0.97207458
39	0.01437704	0.98645162
40	0.00754795	0.99399956
41	0.00358988	0.99758944
42	0.00153852	0.99912796
43	0.00059036	0.99971832
44	0.00020126	0.99991958

45	0.00006038	0.99997996
46	0.00001575	0.99999571
47	0.00000352	0.99999923
48	6.6e-7	0.99999989
49	1e-7	0.99999999
50	1e-8	1
51	0	1
52	0	1
53	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 53**

Erwartungswert:
μ = 31.8

Standardabweichung:
σ = 3.567

1σ-Intervall:
p(29≤X≤35) = 0.67335672

2σ-Intervall:
p(25≤X≤38) = 0.95078739

3σ-Intervall:
p(22≤X≤42) = 0.99696702

---

p = 0.6		**n = 54**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	1e-8	2e-8
13	7e-8	9e-8
14	3.1e-7	4e-7
15	0.00000123	0.00000162
16	0.0000045	0.00000612
17	0.00001508	0.0000212
18	0.00004649	0.00006768
19	0.00013212	0.0001998
20	0.00034681	0.00054661
21	0.00084226	0.00138887
22	0.00189508	0.00328395
23	0.00395494	0.00723889

24	0.0076627	0.0149016
25	0.01379287	0.02869446
26	0.02307653	0.05177099
27	0.03589682	0.08766781
28	0.05192218	0.13958999
29	0.06982639	0.20941638
30	0.08728298	0.29669936
31	0.10136088	0.39806024
32	0.1092797	0.50733995
33	0.1092797	0.61661965
34	0.10124443	0.71786408
35	0.08678094	0.80464502
36	0.06870158	0.8733466
37	0.05013358	0.92348018
38	0.03364227	0.95712245
39	0.02070294	0.97782539
40	0.0116454	0.98947079
41	0.00596472	0.99543551
42	0.00276933	0.99820485
43	0.00115926	0.9993641
44	0.00043472	0.99979882
45	0.00014491	0.99994373
46	0.00004253	0.99998626
47	0.00001086	0.99999711
48	0.00000238	0.99999949
49	4.4e-7	0.99999993
50	7e-8	0.99999999
51	1e-8	1
52	0	1
53	0	1
54	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 54**

Erwartungswert:
μ = 32.4

Standardabweichung:
σ = 3.6

1σ-Intervall:
p(29≤X≤36) = 0.73375661

2σ-Intervall:
p(26≤X≤39) = 0.94913093

3σ-Intervall:
p(22≤X≤43) = 0.99797523

---

p = 0.6		**n = 55**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0

2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	1e-8	1e-8
13	4e-8	5e-8
14	1.6e-7	2.1e-7
15	6.8e-7	8.9e-7
16	0.00000254	0.00000342
17	0.00000873	0.00001215
18	0.00002764	0.00003979
19	0.00008074	0.00012053
20	0.000218	0.00033853
21	0.00054499	0.00088352
22	0.00126338	0.0021469
23	0.00271902	0.00486593
24	0.00543805	0.01030397
25	0.01011477	0.02041874
26	0.01750633	0.03792507
27	0.02820464	0.06612972
28	0.04230697	0.10843668
29	0.05908387	0.16752055
30	0.07680902	0.24432957
31	0.09291414	0.33724371
32	0.10452841	0.44177213
33	0.1092797	0.55105183
34	0.10606559	0.65711742
35	0.09545903	0.75257646
36	0.0795492	0.83212565
37	0.06127438	0.89340003
38	0.04353706	0.93693709
39	0.02846654	0.96540363
40	0.01707992	0.98248355
41	0.00937313	0.99185668
42	0.00468656	0.99654325
43	0.0021253	0.99866855
44	0.00086944	0.99953799
45	0.0003188	0.99985679
46	0.00010396	0.99996074
47	0.00002986	0.9999906
48	0.00000746	0.99999806

49	0.0000016	0.99999966
50	2.9e-7	0.99999995
51	4e-8	0.99999999
52	0	1
53	0	1
54	0	1
55	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 55**

Erwartungswert:
μ = 33

Standardabweichung:
σ = 3.633

1σ-Intervall:
p(30≤X≤36) = 0.6646051

2σ-Intervall:
p(26≤X≤40) = 0.96206481

3σ-Intervall:
p(23≤X≤43) = 0.99652165

---

p = 0.6		**n = 56**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	2e-8	2e-8
14	9e-8	1.1e-7
15	3.7e-7	4.8e-7
16	0.00000142	0.0000019
17	0.00000501	0.00000691
18	0.00001629	0.00002321
19	0.00004888	0.00007209
20	0.00013564	0.00020773
21	0.00034879	0.00055652
22	0.00083235	0.00138887
23	0.00184564	0.00323451
24	0.00380663	0.00704114
25	0.00730874	0.01434988

26	0.01307139	0.02742127
27	0.02178566	0.04920693
28	0.03384557	0.0830525
29	0.04901773	0.13207023
30	0.06617393	0.19824416
31	0.08325107	0.28149523
32	0.09755985	0.37905508
33	0.10642893	0.48548401
34	0.10799406	0.59347807
35	0.10182297	0.69530104
36	0.0890951	0.78439613
37	0.07223927	0.8566354
38	0.05417945	0.91081485
39	0.03750885	0.94832371
40	0.02391189	0.9722356
41	0.01399721	0.9862328
42	0.0074985	0.99373131
43	0.00366206	0.99739337
44	0.00162296	0.99901633
45	0.00064918	0.99966551
46	0.00023286	0.99989837
47	0.00007432	0.99997268
48	0.0000209	0.99999359
49	0.00000512	0.9999987
50	0.00000107	0.99999978
51	1.9e-7	0.99999997
52	3e-8	1
53	0	1
54	0	1
55	0	1
56	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 56**
Erwartungswert: μ = 33.6		
Standardabweichung: σ = 3.666		
1σ-Intervall: p(30≤X≤37) = 0.72456518		
2σ-Intervall: p(27≤X≤40) = 0.94481432		
3σ-Intervall: p(23≤X≤44) = 0.99762745		

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p = 0.6		**n = 57**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0

2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	1e-8	1e-8
14	5e-8	6e-8
15	2e-7	2.6e-7
16	7.9e-7	0.00000105
17	0.00000286	0.00000391
18	0.00000953	0.00001343
19	0.00002933	0.00004276
20	0.00008358	0.00012634
21	0.0002209	0.00034725
22	0.00054222	0.00088946
23	0.00123766	0.00212713
24	0.00263004	0.00475716
25	0.00520747	0.00996464
26	0.0096138	0.01957844
27	0.0165571	0.03613554
28	0.02660962	0.06274516
29	0.03991443	0.10265959
30	0.05588021	0.1585398
31	0.07300479	0.23154459
32	0.08897458	0.32051917
33	0.10110748	0.42162665
34	0.10705498	0.52868163
35	0.10552562	0.63420725
36	0.09673182	0.73093907
37	0.08235277	0.81329184
38	0.06501534	0.87830718
39	0.04751121	0.9258184
40	0.03207007	0.95788846
41	0.01994602	0.97783448
42	0.01139772	0.98923221
43	0.00596393	0.99519613
44	0.00284642	0.99804255
45	0.00123345	0.999276
46	0.00048265	0.99975865
47	0.00016944	0.99992809
48	0.00005295	0.99998104

49	0.00001459	0.99999563
50	0.0000035	0.99999913
51	7.2e-7	0.99999986
52	1.2e-7	0.99999998
53	2e-8	1
54	0	1
55	0	1
56	0	1
57	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 57**

Erwartungswert:
μ = 34.2

Standardabweichung:
σ = 3.699

1σ-Intervall:
p(31≤X≤37) = 0.65475204

2σ-Intervall:
p(27≤X≤41) = 0.95825604

3σ-Intervall:
p(24≤X≤45) = 0.99714887

---

p = 0.6		**n = 58**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	1e-8	1e-8
14	2e-8	3e-8
15	1.1e-7	1.4e-7
16	4.4e-7	5.8e-7
17	0.00000162	0.00000219
18	0.00000552	0.00000772
19	0.00001745	0.00002516
20	0.00005103	0.00007619
21	0.00013851	0.00021471
22	0.00034943	0.00056413
23	0.00082039	0.00138453

24	0.00179461	0.00317914
25	0.00366101	0.00684015
26	0.00697	0.01381016
27	0.01239112	0.02620128
28	0.02057811	0.04677939
29	0.03193155	0.07871093
30	0.04630074	0.12501168
31	0.06273004	0.18774171
32	0.07939271	0.26713442
33	0.09382774	0.36096216
34	0.10348648	0.46444864
35	0.10644324	0.57089188
36	0.1020081	0.67289998
37	0.0909802	0.76388018
38	0.0754178	0.83929798
39	0.05801369	0.89731167
40	0.04133475	0.93864642
41	0.02722045	0.96586687
42	0.0165267	0.98239357
43	0.0092242	0.99161778
44	0.00471692	0.9963347
45	0.00220123	0.99853593
46	0.00093313	0.99946906
47	0.00035737	0.99982643
48	0.00012285	0.99994927
49	0.00003761	0.99998688
50	0.00001015	0.99999703
51	0.00000239	0.99999942
52	4.8e-7	0.99999991
53	8e-8	0.99999999
54	1e-8	1
55	0	1
56	0	1
57	0	1
58	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 58**

Erwartungswert:
$\mu = 34.8$

Standardabweichung:
$\sigma = 3.731$

1σ-Intervall:
$p(32 \le X \le 38) = 0.65155626$

2σ-Intervall:
$p(28 \le X \le 42) = 0.95619229$

3σ-Intervall:
$p(24 \le X \le 45) = 0.9971514$

p = 0.6		n = 59
k	p(X=k)	p(x≤k)
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	1e-8	2e-8
15	6e-8	7e-8
16	2.4e-7	3.1e-7
17	9.1e-7	0.00000122
18	0.00000318	0.0000044
19	0.00001029	0.0000147
20	0.00003088	0.00004558
21	0.00008602	0.0001316
22	0.00022288	0.00035448
23	0.00053781	0.00089229
24	0.00121008	0.00210237
25	0.00254117	0.00464355
26	0.00498461	0.00962816
27	0.00913845	0.01876661
28	0.01566591	0.03443252
29	0.02511948	0.059552
30	0.03767923	0.09723123
31	0.05287246	0.15010369
32	0.06939511	0.2194988
33	0.08516672	0.30466552
34	0.09769124	0.40235675
35	0.10466918	0.50702594
36	0.10466918	0.61169512
37	0.09759694	0.70929206
38	0.08475524	0.7940473
39	0.06845615	0.86250345
40	0.05134212	0.91384557
41	0.03568903	0.9495346
42	0.02294295	0.97247755
43	0.0136057	0.98608325
44	0.00742129	0.99350454

45	0.00371065	0.99721519
46	0.00169399	0.99890918
47	0.00070283	0.99961201
48	0.00026356	0.99987557
49	0.00008875	0.99996432
50	0.00002662	0.99999094
51	0.00000705	0.99999799
52	0.00000163	0.99999962
53	3.2e-7	0.99999994
54	5e-8	0.99999999
55	1e-8	1
56	0	1
57	0	1
58	0	1
59	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 59**

Erwartungswert:
μ = 35.4

Standardabweichung:
σ = 3.763

1σ-Intervall:
p(32≤X≤39) = 0.71239976

2σ-Intervall:
p(28≤X≤42) = 0.95371094

3σ-Intervall:
p(25≤X≤46) = 0.99680681

---

p = 0.6		**n = 60**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	1e-8	1e-8
15	3e-8	4e-8
16	1.3e-7	1.7e-7
17	5.1e-7	6.8e-7

18	0.00000182	0.00000249
19	0.00000603	0.00000852
20	0.00001853	0.00002705
21	0.00005294	0.00007998
22	0.00014077	0.00022075
23	0.00034885	0.0005696
24	0.00080672	0.00137632
25	0.00174252	0.00311884
26	0.00351855	0.00663739
27	0.00664615	0.01328354
28	0.01174944	0.02503297
29	0.01944734	0.04448031
30	0.03014338	0.07462369
31	0.04375652	0.11838021
32	0.05948152	0.17786173
33	0.07570375	0.25356548
34	0.09017653	0.34374201
35	0.10048242	0.44422443
36	0.10466918	0.54889361
37	0.10184029	0.6507339
38	0.09246026	0.74319416
39	0.0782356	0.82142976
40	0.06161054	0.8830403
41	0.04508088	0.92812118
42	0.0305906	0.95871178
43	0.01920805	0.97791983
44	0.01113194	0.98905177
45	0.00593703	0.9949888
46	0.00290398	0.99789279
47	0.00129752	0.99919031
48	0.00052712	0.99971743
49	0.00019364	0.99991107
50	0.0000639	0.99997497
51	0.00001879	0.99999376
52	0.00000488	0.99999864
53	0.0000011	0.99999974
54	2.1e-7	0.99999996
55	4e-8	0.99999999
56	0	1
57	0	1
58	0	1
59	0	1
60	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 60**
Erwartungswert: μ = 36		

Standardabweichung: σ = 3.795
1σ-Intervall: p(33≤X≤39) = 0.64356803
2σ-Intervall: p(29≤X≤43) = 0.95288686
3σ-Intervall: p(25≤X≤47) = 0.99781399

---

p = 0.6		**n = 61**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	2e-8	2e-8
16	7e-8	9e-8
17	2.8e-7	3.7e-7
18	0.00000103	0.0000014
19	0.0000035	0.0000049
20	0.00001103	0.00001593
21	0.00003229	0.00004822
22	0.00008807	0.00013629
23	0.000224	0.00036029
24	0.000532	0.00089229
25	0.00118104	0.00207333
26	0.00245293	0.00452626
27	0.00476959	0.00929585
28	0.00868746	0.01798331
29	0.0148286	0.03281191
30	0.02372576	0.05653767
31	0.03558864	0.0921263
32	0.05004652	0.14217282
33	0.06597041	0.20814323
34	0.08149286	0.28963609
35	0.09429888	0.38393498
36	0.10215712	0.4860921

37	0.10353762	0.58962973
38	0.09808828	0.687718
39	0.0867704	0.7744884
40	0.07158558	0.84607398
41	0.05499868	0.90107265
42	0.03928477	0.94035742
43	0.02603758	0.966395
44	0.01597761	0.98237261
45	0.00905398	0.99142658
46	0.00472381	0.9961504
47	0.0022614	0.9984118
48	0.00098936	0.99940116
49	0.00039373	0.99979489
50	0.00014174	0.99993663
51	0.00004586	0.99998248
52	0.00001323	0.99999571
53	0.00000337	0.99999908
54	7.5e-7	0.99999983
55	1.4e-7	0.99999997
56	2e-8	1
57	0	1
58	0	1
59	0	1
60	0	1
61	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 61**
Erwartungswert: μ = 36.6		
Standardabweichung: σ = 3.826		
1σ-Intervall: p(33≤X≤40) = 0.70390116		
2σ-Intervall: p(29≤X≤44) = 0.9643893		
3σ-Intervall: p(26≤X≤48) = 0.99732783		

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p = 0.6		**n = 62**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0

8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	1e-8	1e-8
16	4e-8	5e-8
17	1.5e-7	2e-7
18	5.8e-7	7.9e-7
19	0.00000202	0.0000028
20	0.00000651	0.00000931
21	0.00001953	0.00002885
22	0.0000546	0.00008345
23	0.00014244	0.00022589
24	0.0003472	0.00057309
25	0.00079162	0.00136471
26	0.0016898	0.0030545
27	0.00337959	0.0064341
28	0.00633674	0.01277083
29	0.01114392	0.02391475
30	0.01838746	0.04230221
31	0.02847091	0.07077312
32	0.04137179	0.11214491
33	0.05641608	0.16856099
34	0.07217939	0.24074038
35	0.08661527	0.32735565
36	0.09744218	0.42479783
37	0.10270932	0.52750715
38	0.10135789	0.62886504
39	0.09356112	0.72242616
40	0.08069647	0.80312263
41	0.06495082	0.86807345
42	0.04871311	0.91678656
43	0.03398589	0.95077245
44	0.02201359	0.97278604
45	0.01320815	0.9859942
46	0.00732191	0.99331611
47	0.00373885	0.99705496
48	0.00175259	0.99880754
49	0.00075111	0.99955865
50	0.00029293	0.99985158
51	0.00010339	0.99995497
52	0.00003281	0.99998778
53	0.00000928	0.99999706
54	0.00000232	0.99999938

55	5.1e-7	0.99999989
56	9e-8	0.99999998
57	1e-8	1
58	0	1
59	0	1
60	0	1
61	0	1
62	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 62**

Erwartungswert:
μ = 37.2

Standardabweichung:
σ = 3.857

1σ-Intervall:
p(34≤X≤41) = 0.69951246

2σ-Intervall:
p(30≤X≤44) = 0.94887129

3σ-Intervall:
p(26≤X≤48) = 0.99744283

---

p = 0.6		**n = 63**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	1e-8
16	2e-8	3e-8
17	8e-8	1.1e-7
18	3.3e-7	4.4e-7
19	0.00000116	0.00000159
20	0.00000382	0.00000541
21	0.00001172	0.00001713
22	0.00003356	0.00005069
23	0.00008974	0.00014043
24	0.00022434	0.00036477

25	0.00052497	0.00088974
26	0.00115089	0.00204063
27	0.00236572	0.00440634
28	0.00456245	0.00896879
29	0.00825961	0.0172284
30	0.01404133	0.03126973
31	0.02242084	0.05369058
32	0.03363126	0.08732184
33	0.0473895	0.13471134
34	0.0627214	0.19743274
35	0.07795374	0.27538649
36	0.09094603	0.36633252
37	0.09954904	0.46588156
38	0.10216875	0.5680503
39	0.09823918	0.66628949
40	0.08841526	0.75470475
41	0.07439821	0.82910296
42	0.05845574	0.88755869
43	0.04282222	0.93038092
44	0.02919697	0.95957789
45	0.01849142	0.9780693
46	0.01085366	0.98892296
47	0.00588869	0.99481165
48	0.00294434	0.99775599
49	0.00135199	0.99910799
50	0.00056784	0.99967582
51	0.00021711	0.99989294
52	0.00007515	0.99996809
53	0.0000234	0.99999149
54	0.0000065	0.99999799
55	0.0000016	0.99999958
56	3.4e-7	0.99999993
57	6e-8	0.99999999
58	1e-8	1
59	0	1
60	0	1
61	0	1
62	0	1
63	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 63**

Erwartungswert:
μ = 37.8

Standardabweichung:
σ = 3.888

1σ-Intervall:
p(34≤X≤41) = 0.69439162

2σ-Intervall:
p(31≤X≤45) = 0.94679957

3σ-Intervall:
p(27≤X≤49) = 0.99706736

p = 0.6		n = 64
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	1e-8	1e-8
17	5e-8	6e-8
18	1.8e-7	2.4e-7
19	6.6e-7	9e-7
20	0.00000222	0.00000312
21	0.00000698	0.0000101
22	0.00002046	0.00003055
23	0.00005603	0.00008658
24	0.00014358	0.00023016
25	0.00034459	0.00057476
26	0.00077534	0.00135009
27	0.00163682	0.00298691
28	0.00324441	0.00623132
29	0.00604131	0.01227264
30	0.0105723	0.02284493
31	0.01739314	0.04023807
32	0.02690501	0.06714308
33	0.03913456	0.10627764
34	0.05352226	0.1597999
35	0.06881434	0.22861424
36	0.08315066	0.3117649
37	0.09438723	0.40615213
38	0.10059692	0.50674906
39	0.10059692	0.60734598
40	0.09430961	0.70165559
41	0.08280844	0.78446403

42	0.06802122	0.85248525
43	0.05220233	0.90468758
44	0.03737212	0.94205971
45	0.02491475	0.96697446
46	0.01543631	0.98241077
47	0.00886767	0.99127844
48	0.00471095	0.99598939
49	0.0023074	0.99829679
50	0.00103833	0.99933512
51	0.00042755	0.99976267
52	0.00016033	0.999923
53	0.00005445	0.99997745
54	0.00001664	0.99999409
55	0.00000454	0.99999863
56	0.00000109	0.99999972
57	2.3e-7	0.99999995
58	4e-8	0.99999999
59	1e-8	1
60	0	1
61	0	1
62	0	1
63	0	1
64	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 64**

Erwartungswert:
μ = 38.4

Standardabweichung:
σ = 3.919

1σ-Intervall:
p(35≤X≤42) = 0.69268535

2σ-Intervall:
p(31≤X≤46) = 0.95956583

3σ-Intervall:
p(27≤X≤50) = 0.99798503

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p = 0.6		**n = 65**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0

10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	1e-8	1e-8
17	3e-8	3e-8
18	1e-7	1.3e-7
19	3.7e-7	5e-7
20	0.00000128	0.00000179
21	0.00000412	0.00000591
22	0.00001237	0.00001828
23	0.00003469	0.00005296
24	0.00009105	0.00014402
25	0.00022399	0.000368
26	0.00051689	0.00088489
27	0.00111993	0.00200482
28	0.00227986	0.00428468
29	0.00436317	0.00864785
30	0.00785371	0.01650155
31	0.01330063	0.02980219
32	0.02119789	0.05100007
33	0.03179683	0.0827969
34	0.04488964	0.12768654
35	0.05963909	0.18732564
36	0.07454887	0.2618745
37	0.08764529	0.34951979
38	0.09687111	0.4463909
39	0.10059692	0.54698782
40	0.098082	0.64506982
41	0.08970914	0.73477897
42	0.07689355	0.81167252
43	0.06169366	0.87336618
44	0.04627025	0.91963643
45	0.03238917	0.95202561
46	0.02112337	0.97314898
47	0.01280885	0.98595784
48	0.00720498	0.99316282
49	0.00374953	0.99691235
50	0.00179977	0.99871212
51	0.00079402	0.99950614
52	0.00032066	0.9998268
53	0.00011798	0.99994478
54	0.00003933	0.99998411
55	0.0000118	0.9999959
56	0.00000316	0.99999906

57	7.5e-7	0.99999981
58	1.5e-7	0.99999997
59	3e-8	1
60	0	1
61	0	1
62	0	1
63	0	1
64	0	1
65	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 65**

Erwartungswert:
μ = 39

Standardabweichung:
σ = 3.95

1σ-Intervall:
p(36≤X≤42) = 0.62434688

2σ-Intervall:
p(32≤X≤46) = 0.94334679

3σ-Intervall:
p(28≤X≤50) = 0.9967073

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p = 0.6		**n = 66**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	1e-8	2e-8
18	6e-8	7e-8
19	2.1e-7	2.8e-7
20	7.4e-7	0.00000102
21	0.00000242	0.00000344
22	0.00000742	0.00001086
23	0.0000213	0.00003215

24	0.00005723	0.00008939
25	0.00014422	0.00023361
26	0.00034115	0.00057476
27	0.00075811	0.00133286
28	0.0015839	0.00291676
29	0.00311318	0.00602994
30	0.00575939	0.01178933
31	0.01003248	0.02182181
32	0.01645953	0.03828134
33	0.02543746	0.06371881
34	0.03703395	0.10075276
35	0.05078942	0.15154218
36	0.065603	0.21714518
37	0.07978744	0.29693262
38	0.09133562	0.38826824
39	0.09836143	0.48662967
40	0.09959095	0.58622062
41	0.09473286	0.68095348
42	0.08458291	0.76553639
43	0.0708136	0.83634999
44	0.0555243	0.89187428
45	0.04071782	0.9325921
46	0.02788285	0.96047496
47	0.01779757	0.97827252
48	0.01056731	0.98883983
49	0.0058228	0.99466263
50	0.00296963	0.99763226
51	0.00139747	0.99902973
52	0.00060468	0.9996344
53	0.00023959	0.99987399
54	0.00008652	0.99996051
55	0.00002831	0.99998883
56	0.00000834	0.99999717
57	0.0000022	0.99999936
58	5.1e-7	0.99999987
59	1e-7	0.99999998
60	2e-8	1
61	0	1
62	0	1
63	0	1
64	0	1
65	0	1
66	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 66**
Erwartungswert: μ = 39.6		

Standardabweichung: σ = 3.98
1σ-Intervall: p(36≤X≤43) = 0.6848078
2σ-Intervall: p(32≤X≤47) = 0.95645071
3σ-Intervall: p(28≤X≤51) = 0.99769687

---

p = 0.6		**n = 67**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	1e-8	1e-8
18	3e-8	4e-8
19	1.2e-7	1.6e-7
20	4.2e-7	5.8e-7
21	0.00000141	0.00000198
22	0.00000442	0.0000064
23	0.00001297	0.00001938
24	0.00003567	0.00005505
25	0.00009203	0.00014708
26	0.00022299	0.00037007
27	0.00050793	0.000878
28	0.00108842	0.00196642
29	0.00219561	0.00416204
30	0.00417166	0.0083337
31	0.00746862	0.01580232
32	0.0126033	0.02840562
33	0.02005071	0.04845633
34	0.03007606	0.07853239
35	0.04253614	0.12106853
36	0.05671485	0.17778338

37	0.07127678	0.24906016
38	0.08440671	0.33346687
39	0.09414594	0.42761281
40	0.09885324	0.52646605
41	0.09764771	0.62411377
42	0.09067288	0.71478664
43	0.07907518	0.79386183
44	0.06469788	0.8585597
45	0.04960171	0.90816141
46	0.03558383	0.94374524
47	0.02384874	0.96759398
48	0.01490546	0.98249944
49	0.0086695	0.99116895
50	0.00468153	0.99585048
51	0.00234077	0.99819125
52	0.00108035	0.9992716
53	0.00045864	0.99973024
54	0.00017836	0.9999086
55	0.00006324	0.99997184
56	0.00002033	0.99999216
57	0.00000588	0.99999805
58	0.00000152	0.99999957
59	3.5e-7	0.99999992
60	7e-8	0.99999999
61	1e-8	1
62	0	1
63	0	1
64	0	1
65	0	1
66	0	1
67	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 67**
Erwartungswert: μ = 40.2		
Standardabweichung: σ = 4.01		
1σ-Intervall: p(37≤X≤44) = 0.68077632		
2σ-Intervall: p(33≤X≤48) = 0.95409382		
3σ-Intervall: p(29≤X≤52) = 0.99730518		

---

p = 0.6		**n = 68**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0

2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	2e-8	2e-8
19	6e-8	9e-8
20	2.4e-7	3.2e-7
21	8.2e-7	0.00000114
22	0.00000261	0.00000375
23	0.00000784	0.00001159
24	0.00002205	0.00003364
25	0.00005821	0.00009186
26	0.00014442	0.00023627
27	0.00033697	0.00057324
28	0.00074013	0.00131337
29	0.0015313	0.00284467
30	0.00298603	0.0058307
31	0.00549045	0.01132115
32	0.00952249	0.02084364
33	0.01558226	0.0364259
34	0.02406085	0.06048675
35	0.03506009	0.09554684
36	0.04820763	0.14375447
37	0.06253962	0.20629409
38	0.07652875	0.28282284
39	0.0883024	0.37112524
40	0.09602886	0.46715411
41	0.09837103	0.56552514
42	0.09485778	0.66038292
43	0.0860338	0.74641672
44	0.07332426	0.81974098
45	0.05865941	0.87840039
46	0.04399456	0.92239494
47	0.0308898	0.95328474
48	0.02027143	0.97355617

49	0.01241108	0.98596725
50	0.00707431	0.99304156
51	0.00374523	0.99678679
52	0.0018366	0.99862339
53	0.00083167	0.99945506
54	0.00034653	0.99980158
55	0.00013231	0.99993389
56	0.00004607	0.99997997
57	0.00001455	0.99999452
58	0.00000414	0.99999866
59	0.00000105	0.99999971
60	2.4e-7	0.99999994
61	5e-8	0.99999999
62	1e-8	1
63	0	1
64	0	1
65	0	1
66	0	1
67	0	1
68	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 68**

Erwartungswert:
μ = 40.8

Standardabweichung:
σ = 4.04

1σ-Intervall:
p(37≤X≤44) = 0.67598651

2σ-Intervall:
p(33≤X≤48) = 0.95271253

3σ-Intervall:
p(29≤X≤52) = 0.99731002

---

p = 0.6		**n = 69**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0

13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	1e-8	1e-8
19	4e-8	5e-8
20	1.3e-7	1.8e-7
21	4.7e-7	6.5e-7
22	0.00000153	0.00000218
23	0.0000047	0.00000689
24	0.00001352	0.00002041
25	0.00003652	0.00005693
26	0.00009269	0.00014962
27	0.00022144	0.00037106
28	0.00049823	0.00086929
29	0.0010566	0.00192589
30	0.00211319	0.00403908
31	0.0039878	0.00802688
32	0.00710327	0.01513015
33	0.0119464	0.02707655
34	0.0189737	0.04605024
35	0.02846054	0.07451079
36	0.04031911	0.11482989
37	0.05394042	0.16877032
38	0.06813527	0.23690559
39	0.08123821	0.3181438
40	0.09139299	0.40953679
41	0.09696573	0.50650252
42	0.09696573	0.60346825
43	0.09132819	0.69479644
44	0.08094998	0.77574642
45	0.06745832	0.84320474
46	0.05279347	0.89599821
47	0.03875265	0.93475086
48	0.02664245	0.96139331
49	0.01712729	0.9785206
50	0.01027637	0.98879697
51	0.00574268	0.99453965
52	0.00298178	0.99752143
53	0.00143463	0.99895605
54	0.00063761	0.99959367
55	0.00026084	0.99985451
56	0.00009782	0.99995232
57	0.00003346	0.99998579
58	0.00001039	0.99999617
59	0.0000029	0.99999908

60	7.3e-7	0.9999998
61	1.6e-7	0.99999996
62	3e-8	0.99999999
63	1e-8	1
64	0	1
65	0	1
66	0	1
67	0	1
68	0	1
69	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 69**

Erwartungswert:
μ = 41.4

Standardabweichung:
σ = 4.069

1σ-Intervall:
p(38≤X≤45) = 0.67443442

2σ-Intervall:
p(34≤X≤49) = 0.95144405

3σ-Intervall:
p(30≤X≤53) = 0.99703017

---

p = 0.6		**n = 70**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	1e-8
19	2e-8	3e-8
20	8e-8	1e-7
21	2.7e-7	3.7e-7
22	9e-7	0.00000126

23	0.0000028	0.00000407
24	0.00000823	0.0000123
25	0.00002272	0.00003502
26	0.00005899	0.00009401
27	0.00014419	0.0002382
28	0.00033215	0.00057035
29	0.00072158	0.00129193
30	0.00147923	0.00277117
31	0.00286303	0.0056342
32	0.00523399	0.01086819
33	0.00904052	0.01990871
34	0.01475732	0.03466603
35	0.02276844	0.05743446
36	0.03320397	0.09063843
37	0.04576763	0.13640606
38	0.05961836	0.19602443
39	0.07337645	0.26940088
40	0.08530012	0.354701
41	0.09362208	0.44832308
42	0.09696573	0.54528881
43	0.09471071	0.63999952
44	0.08717691	0.72717643
45	0.07555332	0.80272975
46	0.06159238	0.86432213
47	0.04717714	0.91149927
48	0.03390857	0.94540784
49	0.02283638	0.96824423
50	0.01438692	0.98263115
51	0.0084629	0.99109404
52	0.00463832	0.99573236
53	0.00236292	0.99809528
54	0.00111582	0.9992111
55	0.0004869	0.999698
56	0.00019563	0.99989363
57	0.00007207	0.99996571
58	0.00002423	0.99998994
59	0.00000739	0.99999733
60	0.00000203	0.99999937
61	5e-7	0.99999987
62	1.1e-7	0.99999998
63	2e-8	1
64	0	1
65	0	1
66	0	1
67	0	1
68	0	1
69	0	1

70	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 70**

Erwartungswert:
μ = 42

Standardabweichung:
σ = 4.099

1σ-Intervall:
p(38≤X≤46) = 0.72791607

2σ-Intervall:
p(34≤X≤50) = 0.96272244

3σ-Intervall:
p(30≤X≤54) = 0.99791917

---

p = 0.6		**n = 71**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	1e-8	1e-8
20	4e-8	6e-8
21	1.5e-7	2.1e-7
22	5.2e-7	7.3e-7
23	0.00000166	0.00000238
24	0.00000497	0.00000736
25	0.00001403	0.00002139
26	0.00003723	0.00005861
27	0.00009307	0.00015168
28	0.00021938	0.00037106
29	0.00048792	0.00085898
30	0.00102464	0.00188362
31	0.00203275	0.00391638

32	0.00381141	0.00772779
33	0.0067566	0.01448439
34	0.01132724	0.02581163
35	0.01796177	0.0437734
36	0.02694265	0.07071605
37	0.03822943	0.10894548
38	0.05130793	0.16025341
39	0.0651216	0.22537501
40	0.07814592	0.30352092
41	0.08862891	0.39214983
42	0.09495954	0.48710937
43	0.09606372	0.5831731
44	0.09169719	0.67487029
45	0.08252747	0.75739776
46	0.06996894	0.8273667
47	0.05582628	0.88319299
48	0.04186971	0.9250627
49	0.0294797	0.9545424
50	0.0194566	0.97399899
51	0.01201731	0.98601631
52	0.00693306	0.99294937
53	0.00372816	0.99667753
54	0.00186408	0.99854161
55	0.00086425	0.99940586
56	0.00037039	0.99977626
57	0.00014621	0.99992246
58	0.00005294	0.9999754
59	0.0000175	0.9999929
60	0.00000525	0.99999815
61	0.00000142	0.99999957
62	3.4e-7	0.99999991
63	7e-8	0.99999998
64	1e-8	1
65	0	1
66	0	1
67	0	1
68	0	1
69	0	1
70	0	1
71	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 71**
Erwartungswert: μ = 42.6		
Standardabweichung: σ = 4.128		
1σ-Intervall: p(39≤X≤46) = 0.66711329		

2σ-Intervall: p(35≤X≤50) = 0.94818736
3σ-Intervall: p(31≤X≤54) = 0.99665798

---

p = 0.6		n = 72
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	1e-8	1e-8
20	2e-8	3e-8
21	9e-8	1.2e-7
22	3e-7	4.2e-7
23	9.7e-7	0.00000139
24	0.00000298	0.00000437
25	0.0000086	0.00001297
26	0.00002331	0.00003628
27	0.00005956	0.00009584
28	0.00014359	0.00023943
29	0.0003268	0.00056623
30	0.00070261	0.00126884
31	0.00142789	0.00269673
32	0.00274422	0.00544095
33	0.00498949	0.01043043
34	0.00858486	0.01901529
35	0.01398105	0.03299634
36	0.02155412	0.05455046
37	0.03145736	0.08600782
38	0.04346083	0.12946865
39	0.05683339	0.18630205

40	0.07033133	0.25663337
41	0.08233911	0.33897249
42	0.09116116	0.43013365
43	0.09540121	0.52553486
44	0.09431711	0.61985197
45	0.0880293	0.70788128
46	0.07750406	0.78538534
47	0.06431188	0.84969722
48	0.05024366	0.89994087
49	0.03691371	0.93685458
50	0.02547046	0.96232503
51	0.01648088	0.97880592
52	0.00998361	0.98878953
53	0.0056511	0.99444063
54	0.00298253	0.99742316
55	0.00146415	0.99888731
56	0.00066671	0.99955402
57	0.00028072	0.99983474
58	0.0001089	0.99994364
59	0.00003876	0.9999824
60	0.0000126	0.999995
61	0.00000372	0.99999871
62	9.9e-7	0.9999997
63	2.4e-7	0.99999994
64	5e-8	0.99999999
65	1e-8	1
66	0	1
67	0	1
68	0	1
69	0	1
70	0	1
71	0	1
72	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 72**
Erwartungswert: $\mu = 43.2$		
Standardabweichung: $\sigma = 4.157$		
1σ-Intervall: $p(40 \le X \le 47) = 0.66339517$		
2σ-Intervall: $p(35 \le X \le 51) = 0.95979063$		
3σ-Intervall: $p(31 \le X \le 55) = 0.99761847$		

---

p = 0.6		**n = 73**
k	**p(X=k)**	**p(x≤k)**
0	0	0

1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	1e-8	2e-8
21	5e-8	7e-8
22	1.7e-7	2.4e-7
23	5.7e-7	8.1e-7
24	0.00000178	0.00000258
25	0.00000523	0.00000781
26	0.00001448	0.00002229
27	0.00003781	0.0000601
28	0.00009318	0.00015328
29	0.00021687	0.00037015
30	0.00047712	0.00084727
31	0.00099272	0.00184
32	0.00195442	0.00379441
33	0.00364233	0.00743674
34	0.00642764	0.01386438
35	0.01074333	0.02460771
36	0.01701028	0.04161799
37	0.02551542	0.0671334
38	0.03625875	0.10339216
39	0.04880986	0.15220201
40	0.06223257	0.21443458
41	0.07513444	0.28956902
42	0.08586793	0.37543695
43	0.09285718	0.46829413
44	0.09496757	0.56326171
45	0.09180199	0.65506369
46	0.08381921	0.7388829
47	0.07222719	0.81111009

48	0.05868459	0.86979468
49	0.04491168	0.91470635
50	0.03233641	0.94704276
51	0.02187463	0.96891739
52	0.01388198	0.98279936
53	0.00825061	0.99104997
54	0.00458367	0.99563364
55	0.00237518	0.99800882
56	0.00114517	0.99915399
57	0.00051231	0.99966631
58	0.00021199	0.9998783
59	0.00008084	0.99995914
60	0.0000283	0.99998744
61	0.00000905	0.99999648
62	0.00000263	0.99999911
63	6.9e-7	0.9999998
64	1.6e-7	0.99999996
65	3e-8	0.99999999
66	1e-8	1
67	0	1
68	0	1
69	0	1
70	0	1
71	0	1
72	0	1
73	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 73**
Erwartungswert: μ = 43.8		
Standardabweichung: σ = 4.186		
1σ-Intervall: p(40≤X≤47) = 0.65890808		
2σ-Intervall: p(36≤X≤52) = 0.95819165		
3σ-Intervall: p(32≤X≤56) = 0.997314		

---

p = 0.6		**n = 74**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0

7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	1e-8	1e-8
21	3e-8	4e-8
22	1e-7	1.3e-7
23	3.3e-7	4.6e-7
24	0.00000105	0.00000152
25	0.00000316	0.00000468
26	0.00000893	0.00001361
27	0.00002381	0.00003742
28	0.00005996	0.00009737
29	0.00014265	0.00024003
30	0.00032097	0.000561
31	0.00068336	0.00124436
32	0.0013774	0.00262176
33	0.00262958	0.00525135
34	0.00475645	0.0100078
35	0.00815391	0.01816171
36	0.01325011	0.03141182
37	0.02041233	0.05182415
38	0.02981275	0.08163691
39	0.04127919	0.1229161
40	0.05417894	0.17709504
41	0.06739332	0.24448836
42	0.07942784	0.32391619
43	0.08866363	0.41257982
44	0.09370134	0.50628116
45	0.09370134	0.5999825
46	0.08860887	0.68859138
47	0.0791824	0.76777377
48	0.06681015	0.83458392
49	0.05317542	0.88775935
50	0.03988157	0.92764092
51	0.0281517	0.95579261
52	0.01867757	0.97447018
53	0.01162943	0.98609961

54	0.00678383	0.99288344
55	0.00370027	0.99658371
56	0.00188317	0.99846689
57	0.00089203	0.99935892
58	0.00039219	0.9997511
59	0.00015953	0.99991064
60	0.00005982	0.99997046
61	0.0000206	0.99999106
62	0.00000648	0.99999753
63	0.00000185	0.99999939
64	4.8e-7	0.99999986
65	1.1e-7	0.99999997
66	2e-8	1
67	0	1
68	0	1
69	0	1
70	0	1
71	0	1
72	0	1
73	0	1
74	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 74**

Erwartungswert:
μ = 44.4

Standardabweichung:
σ = 4.214

1σ-Intervall:
p(41≤X≤48) = 0.65748888

2σ-Intervall:
p(36≤X≤52) = 0.95630847

3σ-Intervall:
p(32≤X≤57) = 0.99811456

---

p = 0.6		**n = 75**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0

12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	1e-8	2e-8
22	6e-8	8e-8
23	1.9e-7	2.7e-7
24	6.2e-7	8.9e-7
25	0.0000019	0.00000278
26	0.00000547	0.00000825
27	0.00001488	0.00002313
28	0.00003827	0.0000614
29	0.00009304	0.00015444
30	0.00021398	0.00036842
31	0.00046593	0.00083435
32	0.00096098	0.00179532
33	0.00187827	0.0036736
34	0.00348033	0.00715393
35	0.00611544	0.01326936
36	0.01019239	0.02346175
37	0.016115	0.03957675
38	0.0241725	0.06374925
39	0.03439933	0.09814858
40	0.04643909	0.14458767
41	0.05946469	0.20405237
42	0.07220712	0.27625949
43	0.08312216	0.35938165
44	0.09067871	0.45006036
45	0.09370134	0.5437617
46	0.09166435	0.63542605
47	0.08483828	0.72026434
48	0.0742335	0.79449783
49	0.06135626	0.85585409
50	0.04785788	0.90371198
51	0.03518962	0.93890159
52	0.02436204	0.96326364
53	0.01585831	0.97912195
54	0.00969119	0.98881314
55	0.00555041	0.99436355
56	0.00297343	0.99733698
57	0.00148672	0.9988237
58	0.00069209	0.99951579

59	0.00029912	0.99981492
60	0.00011965	0.99993457
61	0.00004413	0.9999787
62	0.00001495	0.99999365
63	0.00000463	0.99999828
64	0.0000013	0.99999958
65	3.3e-7	0.99999991
66	8e-8	0.99999998
67	2e-8	1
68	0	1
69	0	1
70	0	1
71	0	1
72	0	1
73	0	1
74	0	1
75	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 75**

Erwartungswert:
μ = 45

Standardabweichung:
σ = 4.243

1σ-Intervall:
p(41≤X≤49) = 0.71126642

2σ-Intervall:
p(37≤X≤53) = 0.9556602

3σ-Intervall:
p(33≤X≤57) = 0.99702838

---

p = 0.6		**n = 76**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0

16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	1e-8	1e-8
22	3e-8	4e-8
23	1.1e-7	1.5e-7
24	3.6e-7	5.1e-7
25	0.00000113	0.00000164
26	0.00000332	0.00000497
27	0.00000923	0.0000142
28	0.00002424	0.00003844
29	0.00006018	0.00009861
30	0.00014141	0.00024003
31	0.00031476	0.00055479
32	0.00066395	0.00121874
33	0.0013279	0.00254663
34	0.0025191	0.00506573
35	0.00453437	0.0096001
36	0.00774622	0.01734632
37	0.01256144	0.02990775
38	0.019338	0.04924575
39	0.02826323	0.07750899
40	0.03921523	0.11672422
41	0.05164933	0.16837355
42	0.06456166	0.23293522
43	0.07657314	0.30950835
44	0.08614478	0.39565313
45	0.09188776	0.4875409
46	0.09288654	0.58042744
47	0.08893393	0.66936137
48	0.08059637	0.74995774
49	0.0690826	0.81904034
50	0.05595691	0.87499725
51	0.04279058	0.91778782
52	0.03085859	0.94864641
53	0.02096055	0.96960696
54	0.01339146	0.98299843
55	0.00803488	0.9910333
56	0.00451962	0.99555292
57	0.00237875	0.99793167
58	0.00116887	0.99910054
59	0.00053491	0.99963544
60	0.00022733	0.99986278
61	0.00008944	0.99995222
62	0.00003246	0.99998468

63	0.00001082	0.9999955
64	0.0000033	0.9999988
65	9.1e-7	0.99999971
66	2.3e-7	0.99999994
67	5e-8	0.99999999
68	1e-8	1
69	0	1
70	0	1
71	0	1
72	0	1
73	0	1
74	0	1
75	0	1
76	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 76**

Erwartungswert:
μ = 45.6

Standardabweichung:
σ = 4.271

1σ-Intervall:
p(42≤X≤49) = 0.65066679

2σ-Intervall:
p(38≤X≤54) = 0.95309067

3σ-Intervall:
p(33≤X≤58) = 0.9978818

---

p = 0.6		**n = 77**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0

19	0	0
20	0	0
21	0	1e-8
22	2e-8	2e-8
23	6e-8	9e-8
24	2.1e-7	3e-7
25	6.7e-7	9.7e-7
26	0.00000201	0.00000297
27	0.00000569	0.00000866
28	0.00001524	0.0000239
29	0.00003861	0.00006251
30	0.00009267	0.00015518
31	0.00021075	0.00036593
32	0.00045444	0.00082037
33	0.00092953	0.00174989
34	0.00180438	0.00355427
35	0.00332521	0.00687948
36	0.00581911	0.01269859
37	0.00967231	0.02237089
38	0.01527206	0.03764295
39	0.02290809	0.06055105
40	0.03264403	0.09319508
41	0.04418887	0.13738395
42	0.05681426	0.19419822
43	0.06936625	0.26356447
44	0.08040179	0.34396626
45	0.08844197	0.43240824
46	0.09228728	0.52469551
47	0.0913055	0.61600101
48	0.0855989	0.70159991
49	0.07599086	0.77759078
50	0.06383232	0.8414231
51	0.05069038	0.89211348
52	0.03801778	0.93013126
53	0.02689937	0.95703063
54	0.01793292	0.97496355
55	0.01124883	0.98621238
56	0.00662877	0.99284115
57	0.00366327	0.99650442
58	0.00189479	0.99839922
59	0.00091528	0.9993145
60	0.00041188	0.99972638
61	0.00017218	0.99989855
62	0.00006665	0.9999652
63	0.0000238	0.99998901
64	0.00000781	0.99999682
65	0.00000234	0.99999916

66	6.4e-7	0.9999998
67	1.6e-7	0.99999996
68	3e-8	0.99999999
69	1e-8	1
70	0	1
71	0	1
72	0	1
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 77**

Erwartungswert:
μ = 46.2

Standardabweichung:
σ = 4.299

1σ-Intervall:
p(42≤X≤50) = 0.70403915

2σ-Intervall:
p(38≤X≤54) = 0.95259266

3σ-Intervall:
p(34≤X≤59) = 0.9975646

---

p = 0.6		**n = 78**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0

21	0	0
22	1e-8	1e-8
23	4e-8	5e-8
24	1.2e-7	1.7e-7
25	3.9e-7	5.6e-7
26	0.0000012	0.00000177
27	0.00000348	0.00000525
28	0.00000951	0.00001475
29	0.00002459	0.00003934
30	0.00006024	0.00009958
31	0.0001399	0.00023948
32	0.00030823	0.00054771
33	0.00064447	0.00119218
34	0.00127947	0.00247164
35	0.00241271	0.00488435
36	0.00432277	0.00920712
37	0.00736039	0.01656751
38	0.01191221	0.02847972
39	0.01832647	0.04680619
40	0.02680247	0.07360866
41	0.03726197	0.11087063
42	0.04923903	0.16010966
43	0.06183506	0.22194472
44	0.07378047	0.29572519
45	0.08361787	0.37934305
46	0.08998009	0.46932315
47	0.09189456	0.56121771
48	0.08902286	0.65024057
49	0.08175569	0.73199626
50	0.07112745	0.80312371
51	0.05857555	0.86169925
52	0.04562134	0.90732059
53	0.03357042	0.94089101
54	0.02331279	0.9642038
55	0.01525928	0.97946308
56	0.00940081	0.98886389
57	0.00544257	0.99430646
58	0.00295588	0.99726234
59	0.00150299	0.99876533
60	0.00071392	0.99947925
61	0.000316	0.99979525
62	0.00012997	0.99992521
63	0.00004951	0.99997473
64	0.00001741	0.99999213
65	0.00000562	0.99999775
66	0.00000166	0.99999942
67	4.5e-7	0.99999986

68	1.1e-7	0.99999997
69	2e-8	0.99999999
70	0	1
71	0	1
72	0	1
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 78**

Erwartungswert:
μ = 46.8

Standardabweichung:
σ = 4.327

1σ-Intervall:
p(43≤X≤51) = 0.70158959

2σ-Intervall:
p(39≤X≤55) = 0.95098336

3σ-Intervall:
p(34≤X≤59) = 0.99757315

---

p = 0.6		**n = 79**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0

22	1e-8	1e-8
23	2e-8	3e-8
24	7e-8	1e-7
25	2.3e-7	3.3e-7
26	7.2e-7	0.00000105
27	0.00000211	0.00000316
28	0.00000589	0.00000905
29	0.00001554	0.00002459
30	0.00003885	0.00006344
31	0.0000921	0.00015554
32	0.00020723	0.00036277
33	0.00044272	0.0008055
34	0.00089847	0.00170397
35	0.00173276	0.00343673
36	0.00317673	0.00661346
37	0.00553782	0.01215128
38	0.00918112	0.02133239
39	0.01447791	0.03581031
40	0.02171687	0.05752718
41	0.03098627	0.08851345
42	0.04205279	0.13056624
43	0.05427744	0.18484368
44	0.06661322	0.25145691
45	0.07771543	0.32917233
46	0.08616276	0.41533509
47	0.09074588	0.50608097
48	0.09074588	0.59682686
49	0.08611599	0.68294285
50	0.07750439	0.76044724
51	0.06610669	0.82655392
52	0.05339386	0.87994779
53	0.04080097	0.92074876
54	0.02946737	0.95021612
55	0.02009139	0.97030751
56	0.01291589	0.9832234
57	0.00781751	0.99104092
58	0.0044479	0.99548881
59	0.00237472	0.99786354
60	0.00118736	0.9990509
61	0.00055475	0.99960565
62	0.00024159	0.99984723
63	0.00009778	0.99994502
64	0.00003667	0.99998169
65	0.00001269	0.99999438
66	0.00000404	0.99999842
67	0.00000118	0.99999959
68	3.1e-7	0.99999991

69	7e-8	0.99999998
70	2e-8	1
71	0	1
72	0	1
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 79**

Erwartungswert:
μ = 47.4

Standardabweichung:
σ = 4.354

1σ-Intervall:
p(44≤X≤51) = 0.64171024

2σ-Intervall:
p(39≤X≤56) = 0.96189101

3σ-Intervall:
p(35≤X≤60) = 0.99734693

---

p = 0.6		**n = 80**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0

22	0	0
23	1e-8	2e-8
24	4e-8	6e-8
25	1.3e-7	1.9e-7
26	4.3e-7	6.1e-7
27	0.00000128	0.00000189
28	0.00000362	0.00000552
29	0.00000975	0.00001527
30	0.00002486	0.00004013
31	0.00006015	0.00010028
32	0.00013816	0.00023843
33	0.00030143	0.00053986
34	0.00062502	0.00116488
35	0.00123219	0.00239707
36	0.00231035	0.00470742
37	0.00412117	0.00882859
38	0.00699514	0.01582372
39	0.01129984	0.02712356
40	0.0173735	0.04449706
41	0.02542463	0.06992169
42	0.03541288	0.10533456
43	0.04694265	0.15227722
44	0.05921175	0.21148897
45	0.07105411	0.28254308
46	0.08109436	0.36363744
47	0.08799601	0.45163344
48	0.09074588	0.54237933
49	0.08889393	0.63127325
50	0.08267135	0.7139446
51	0.07294531	0.78688991
52	0.06102156	0.84791147
53	0.04835671	0.89626817
54	0.03626753	0.9325357
55	0.02571698	0.95825268
56	0.01722119	0.97547387
57	0.01087654	0.98635041
58	0.00646967	0.99282007
59	0.00361863	0.9964387
60	0.00189978	0.99833848
61	0.00093432	0.9992728
62	0.00042948	0.99970228
63	0.00018406	0.99988635
64	0.00007334	0.99995969
65	0.00002708	0.99998676
66	0.00000923	0.999996
67	0.00000289	0.99999889
68	8.3e-7	0.99999972

69	2.2e-7	0.99999994
70	5e-8	0.99999999
71	1e-8	1
72	0	1
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 80**

Erwartungswert:
μ = 48

Standardabweichung:
σ = 4.382

1σ-Intervall:
p(44≤X≤52) = 0.69563425

2σ-Intervall:
p(40≤X≤56) = 0.94835031

3σ-Intervall:
p(35≤X≤61) = 0.99810791

---

p = 0.6		**n = 81**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0

21	0	0
22	0	0
23	1e-8	1e-8
24	2e-8	3e-8
25	8e-8	1.1e-7
26	2.5e-7	3.6e-7
27	7.7e-7	0.00000113
28	0.00000222	0.00000334
29	0.00000607	0.00000942
30	0.00001579	0.00002521
31	0.00003898	0.00006419
32	0.00009135	0.00015554
33	0.00020346	0.000359
34	0.00043087	0.00078987
35	0.00086789	0.00165776
36	0.00166345	0.00332121
37	0.00303468	0.00635589
38	0.00527075	0.01162664
39	0.00871702	0.02034366
40	0.0137293	0.03407296
41	0.02059395	0.05466691
42	0.02941993	0.08408684
43	0.04002479	0.12411163
44	0.05185029	0.17596192
45	0.06394869	0.23991061
46	0.07507021	0.31498082
47	0.08385502	0.39883584
48	0.08909596	0.4879318
49	0.0900051	0.5779369
50	0.0864049	0.66434179
51	0.07878093	0.74312273
52	0.06817581	0.81129854
53	0.05595562	0.86725415
54	0.04352104	0.91077519
55	0.03204731	0.94282249
56	0.02231866	0.96514115
57	0.01468333	0.97982448
58	0.00911379	0.98893827
59	0.00532925	0.99426753
60	0.00293109	0.99719861
61	0.00151359	0.99871221
62	0.00073238	0.99944459
63	0.00033132	0.99977591
64	0.00013977	0.99991568
65	0.00005483	0.99997052
66	0.00001994	0.99999046
67	0.0000067	0.99999715

68	0.00000207	0.99999922
69	5.8e-7	0.99999981
70	1.5e-7	0.99999996
71	3e-8	0.99999999
72	1e-8	1
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 81**

Erwartungswert:
μ = 48.6

Standardabweichung:
σ = 4.409

1σ-Intervall:
p(45≤X≤53) = 0.69129223

2σ-Intervall:
p(40≤X≤57) = 0.95948083

3σ-Intervall:
p(36≤X≤61) = 0.99705445

---

p = 0.6		**n = 82**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0

19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	1e-8	2e-8
25	4e-8	6e-8
26	1.5e-7	2.1e-7
27	4.6e-7	6.7e-7
28	0.00000135	0.00000201
29	0.00000376	0.00000577
30	0.00000996	0.00001573
31	0.00002507	0.0000408
32	0.00005993	0.00010073
33	0.0001362	0.00023692
34	0.00029443	0.00053135
35	0.00060568	0.00113703
36	0.00118611	0.00232314
37	0.00221194	0.00453508
38	0.00392911	0.00846419
39	0.00664926	0.01511345
40	0.01072193	0.02583538
41	0.01647516	0.04231054
42	0.02412434	0.06643488
43	0.03366187	0.10009675
44	0.04475499	0.14485174
45	0.05668965	0.2015414
46	0.0683973	0.2699387
47	0.07858413	0.34852283
48	0.08595139	0.43447422
49	0.08945961	0.52393384
50	0.08856502	0.61249885
51	0.08335531	0.69585417
52	0.07453888	0.77039305
53	0.06328773	0.83368078
54	0.05098178	0.88466257
55	0.03893154	0.92359411
56	0.02815585	0.95174996
57	0.01926453	0.97101449
58	0.01245551	0.98347
59	0.00759997	0.99106998
60	0.00436999	0.99543996
61	0.00236409	0.99780405
62	0.00120111	0.99900516
63	0.00057196	0.99957712
64	0.0002547	0.99983182
65	0.0001058	0.99993762

66	0.00004088	0.99997849
67	0.00001464	0.99999314
68	0.00000484	0.99999798
69	0.00000147	0.99999946
70	4.1e-7	0.99999987
71	1e-7	0.99999997
72	2e-8	0.99999999
73	0	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 82**
Erwartungswert: μ = 49.2		
Standardabweichung: σ = 4.436		
1σ-Intervall: p(45≤X≤53) = 0.68882904		
2σ-Intervall: p(41≤X≤58) = 0.95763462		
3σ-Intervall: p(36≤X≤62) = 0.99786814		

---

p = 0.6		**n = 83**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0

16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	1e-8	1e-8
25	3e-8	4e-8
26	9e-8	1.2e-7
27	2.7e-7	3.9e-7
28	8.1e-7	0.0000012
29	0.00000231	0.00000352
30	0.00000624	0.00000976
31	0.000016	0.00002576
32	0.00003901	0.00006477
33	0.00009043	0.00015521
34	0.00019949	0.00035469
35	0.00041893	0.00077362
36	0.00083785	0.00161147
37	0.00159645	0.00320792
38	0.00289881	0.00610672
39	0.00501717	0.01112389
40	0.00827833	0.01940222
41	0.01302322	0.03242544
42	0.01953483	0.05196027
43	0.02793935	0.07989963
44	0.03809912	0.11799875
45	0.04952886	0.1675276
46	0.06137271	0.22890032
47	0.07247203	0.30137235
48	0.08153104	0.38290339
49	0.08735468	0.47025807
50	0.08910178	0.55935984
51	0.08648114	0.64584098
52	0.07982874	0.72566972
53	0.07003842	0.79570814
54	0.05836535	0.8540735
55	0.04616169	0.90023518
56	0.03462127	0.93485645
57	0.02459932	0.95945577
58	0.01654092	0.97599669
59	0.0105133	0.98650999
60	0.00630798	0.99281797
61	0.00356763	0.9963856
62	0.0018989	0.9982845

63	0.00094945	0.99923394
64	0.00044505	0.999679
65	0.00019514	0.99987414
66	0.00007983	0.99995397
67	0.00003038	0.99998435
68	0.00001072	0.99999507
69	0.0000035	0.99999857
70	0.00000105	0.99999962
71	2.9e-7	0.99999991
72	7e-8	0.99999998
73	2e-8	1
74	0	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 83**
Erwartungswert: μ = 49.8		
Standardabweichung: σ = 4.463		
1σ-Intervall: p(46≤X≤54) = 0.68654589		
2σ-Intervall: p(41≤X≤58) = 0.95659447		
3σ-Intervall: p(37≤X≤63) = 0.99762247		

---

p = 0.6		**n = 84**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0

12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	1e-8
25	1e-8	2e-8
26	5e-8	7e-8
27	1.6e-7	2.3e-7
28	4.9e-7	7.2e-7
29	0.00000141	0.00000213
30	0.00000388	0.00000601
31	0.00001015	0.00001616
32	0.00002521	0.00004137
33	0.00005958	0.00010095
34	0.00013406	0.000235
35	0.00028726	0.00052226
36	0.0005865	0.00110876
37	0.00114129	0.00225005
38	0.00211739	0.00436744
39	0.00374615	0.00811359
40	0.00632163	0.01443522
41	0.01017629	0.02461151
42	0.01562787	0.04023937
43	0.02289664	0.06313602
44	0.03200326	0.09513928
45	0.04267101	0.13781029
46	0.0542664	0.19207669
47	0.06581244	0.25788913
48	0.07609563	0.33398476
49	0.08386049	0.41784526
50	0.08805352	0.50589878
51	0.08805352	0.5939523
52	0.08382018	0.67777248
53	0.07591261	0.75368509
54	0.06536919	0.81905428
55	0.05348389	0.87253817
56	0.04154552	0.91408369
57	0.03061249	0.94469618
58	0.02137596	0.96607214

59	0.01412987	0.98020201
60	0.00883117	0.98903318
61	0.00521184	0.99424502
62	0.00290014	0.99714516
63	0.00151912	0.99866427
64	0.00074769	0.99941197
65	0.00034509	0.99975705
66	0.00014902	0.99990607
67	0.00006005	0.99996612
68	0.00002252	0.99998864
69	0.00000783	0.99999647
70	0.00000252	0.99999899
71	7.4e-7	0.99999973
72	2e-7	0.99999994
73	5e-8	0.99999999
74	1e-8	1
75	0	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 84**

Erwartungswert:
μ = 50.4

Standardabweichung:
σ = 4.49

1σ-Intervall:
p(46≤X≤54) = 0.68124399

2σ-Intervall:
p(42≤X≤59) = 0.9555905

3σ-Intervall:
p(37≤X≤63) = 0.99755551

---

p = 0.6		**n = 85**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0

7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	1e-8	1e-8
26	3e-8	4e-8
27	9e-8	1.3e-7
28	2.9e-7	4.2e-7
29	8.6e-7	0.00000128
30	0.0000024	0.00000368
31	0.00000639	0.00001007
32	0.00001617	0.00002624
33	0.00003896	0.0000652
34	0.00008937	0.00015457
35	0.00019534	0.00034991
36	0.00040696	0.00075686
37	0.00080841	0.00156528
38	0.00153173	0.003097
39	0.0027689	0.0058659
40	0.00477634	0.01064224
41	0.00786349	0.01850574
42	0.01235692	0.03086265
43	0.01853538	0.04939803
44	0.02653929	0.07593732
45	0.03627036	0.11220768
46	0.04730917	0.15951685
47	0.05888482	0.21840167
48	0.06992572	0.28832738
49	0.07920158	0.36752896
50	0.0855377	0.45306667
51	0.08805352	0.54112019
52	0.08636018	0.62748037
53	0.08065715	0.70813752

54	0.07169525	0.77983277
55	0.06061507	0.84044784
56	0.04870854	0.88915638
57	0.03717231	0.92632868
58	0.02691788	0.95324656
59	0.01847753	0.97172409
60	0.01201039	0.98373448
61	0.00738344	0.99111792
62	0.00428716	0.99540507
63	0.00234773	0.9977528
64	0.00121055	0.99896335
65	0.00058665	0.99955
66	0.00026666	0.99981666
67	0.00011343	0.99993009
68	0.00004504	0.99997513
69	0.00001664	0.99999177
70	0.00000571	0.99999748
71	0.00000181	0.99999929
72	5.3e-7	0.99999982
73	1.4e-7	0.99999996
74	3e-8	0.99999999
75	1e-8	1
76	0	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 85**
Erwartungswert: μ = 51		
Standardabweichung: σ = 4.517		
1σ-Intervall: p(47≤X≤55) = 0.68093099		
2σ-Intervall: p(42≤X≤60) = 0.96522874		
3σ-Intervall: p(38≤X≤64) = 0.99739808		

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p = 0.6		**n = 86**
k	**p(X=k)**	**p(x≤k)**
0	0	0

1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	1e-8
26	2e-8	2e-8
27	5e-8	8e-8
28	1.7e-7	2.5e-7
29	5.2e-7	7.7e-7
30	0.00000147	0.00000224
31	0.000004	0.00000624
32	0.0000103	0.00001654
33	0.00002528	0.00004182
34	0.00005912	0.00010095
35	0.00013176	0.0002327
36	0.00027999	0.00051269
37	0.00056754	0.00108023
38	0.00109774	0.00217797
39	0.0020266	0.00420456
40	0.00357187	0.00777644
41	0.0060112	0.01378764
42	0.00966086	0.0234485
43	0.0148283	0.03827681
44	0.02173694	0.06001375
45	0.03043172	0.09044547
46	0.04068588	0.13113135
47	0.05193943	0.18307078

48	0.06330118	0.24637195
49	0.07363606	0.32000801
50	0.08173603	0.40174404
51	0.08654403	0.48828807
52	0.08737618	0.57566426
53	0.08407897	0.65974323
54	0.07707239	0.73681562
55	0.06726318	0.8040788
56	0.05585246	0.85993125
57	0.04409405	0.9040253
58	0.03307053	0.93709584
59	0.02354174	0.96063757
60	0.01589067	0.97652824
61	0.01015961	0.98668785
62	0.00614493	0.99283278
63	0.00351139	0.99634417
64	0.00189286	0.99823702
65	0.00096099	0.99919801
66	0.00045865	0.99965666
67	0.00020537	0.99986203
68	0.00008607	0.99994811
69	0.00003368	0.99998179
70	0.00001227	0.99999406
71	0.00000415	0.9999982
72	0.0000013	0.9999995
73	3.7e-7	0.99999987
74	1e-7	0.99999997
75	2e-8	0.99999999
76	1e-8	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 86**

Erwartungswert:
μ = 51.6

Standardabweichung:
σ = 4.543

1σ-Intervall:
p(48≤X≤56) = 0.67686048

2σ-Intervall:
p(43≤X≤60) = 0.95307974

3σ-Intervall:
$p(38 \le X \le 65) = 0.99811778$

p = 0.6		n = 87
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	1e-8	1e-8
27	3e-8	4e-8
28	1e-7	1.5e-7
29	3.1e-7	4.6e-7
30	9e-7	0.00000136
31	0.00000248	0.00000384
32	0.00000652	0.00001036
33	0.00001629	0.00002665
34	0.00003882	0.00006547
35	0.00008818	0.00015365
36	0.00019105	0.0003447
37	0.00039501	0.0007397
38	0.00077962	0.00151932
39	0.00146928	0.00298861
40	0.00264471	0.00563331
41	0.00454761	0.01018092

42	0.00747107	0.01765199
43	0.01172784	0.02937982
44	0.01759176	0.04697158
45	0.02521485	0.07218643
46	0.03453338	0.10671982
47	0.0451873	0.15190712
48	0.05648413	0.20839125
49	0.06743513	0.27582638
50	0.07687605	0.35270243
51	0.08365923	0.43636166
52	0.08687689	0.52323855
53	0.0860573	0.60929585
54	0.08127634	0.69057219
55	0.0731487	0.76372089
56	0.06269889	0.82641978
57	0.05114909	0.87756887
58	0.03968464	0.91725351
59	0.02925902	0.94651253
60	0.02048131	0.96699384
61	0.01359825	0.98059209
62	0.00855374	0.98914582
63	0.00509151	0.99423733
64	0.00286397	0.99710131
65	0.00152011	0.99862142
66	0.00076005	0.99938147
67	0.00035734	0.99973881
68	0.00015765	0.99989646
69	0.00006512	0.99996158
70	0.00002512	0.99998669
71	0.00000902	0.99999571
72	0.00000301	0.99999872
73	9.3e-7	0.99999965
74	2.6e-7	0.99999991
75	7e-8	0.99999998
76	2e-8	1
77	0	1
78	0	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
k	**p(X=k)**	**p(x≤k)**

p = 0.6	n = 87
Erwartungswert: μ = 52.2	
Standardabweichung: σ = 4.569	
1σ-Intervall: p(48≤X≤56) = 0.67451266	
2σ-Intervall: p(44≤X≤61) = 0.95121226	
3σ-Intervall: p(39≤X≤65) = 0.99710209	

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p = 0.6		n = 88
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	1e-8	1e-8
27	2e-8	3e-8
28	6e-8	9e-8
29	1.9e-7	2.7e-7
30	5.5e-7	8.2e-7
31	0.00000153	0.00000235
32	0.0000041	0.00000645
33	0.00001043	0.00001688

34	0.0000253	0.00004218
35	0.00005856	0.00010074
36	0.00012933	0.00023007
37	0.00027263	0.0005027
38	0.00054885	0.00105155
39	0.00105548	0.00210704
40	0.00193945	0.00404649
41	0.00340587	0.00745236
42	0.00571699	0.01316935
43	0.00917378	0.02234312
44	0.01407341	0.03641653
45	0.020641	0.05705752
46	0.02894227	0.08599979
47	0.03879495	0.12479474
48	0.04970603	0.17450077
49	0.06086453	0.2353653
50	0.0712115	0.3065768
51	0.07958932	0.38616612
52	0.08494629	0.47111241
53	0.08654906	0.55766147
54	0.08414491	0.64180638
55	0.07802528	0.71983167
56	0.06896878	0.78880045
57	0.05807897	0.84687942
58	0.04656331	0.89344273
59	0.03551439	0.92895712
60	0.02574793	0.95470505
61	0.01772809	0.97243314
62	0.01158044	0.98401358
63	0.00716885	0.99118243
64	0.0042005	0.99538292
65	0.00232643	0.99770935
66	0.00121609	0.99892544
67	0.00059897	0.99952441
68	0.00027746	0.99980187
69	0.00012064	0.99992251
70	0.00004912	0.99997162
71	0.00001868	0.9999903
72	0.00000662	0.99999692
73	0.00000217	0.99999909
74	6.6e-7	0.99999975
75	1.9e-7	0.99999994
76	5e-8	0.99999999
77	1e-8	1
78	0	1
79	0	1
80	0	1

81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 88**

Erwartungswert:
μ = 52.8

Standardabweichung:
σ = 4.596

1σ-Intervall:
p(49≤X≤57) = 0.67237865

2σ-Intervall:
p(44≤X≤61) = 0.95009002

3σ-Intervall:
p(40≤X≤66) = 0.9968184

---

p = 0.6		**n = 89**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0

25	0	0
26	0	0
27	1e-8	1e-8
28	3e-8	5e-8
29	1.1e-7	1.6e-7
30	3.3e-7	4.9e-7
31	9.4e-7	0.00000143
32	0.00000256	0.00000399
33	0.00000663	0.00001062
34	0.00001638	0.000027
35	0.00003861	0.00006561
36	0.00008687	0.00015247
37	0.00018665	0.00033912
38	0.00038312	0.00072224
39	0.0007515	0.00147375
40	0.00140907	0.00288282
41	0.00252602	0.00540884
42	0.00433032	0.00973915
43	0.0070997	0.01683886
44	0.01113363	0.02797248
45	0.01670044	0.04467293
46	0.0239615	0.06863443
47	0.03288334	0.10151777
48	0.04315938	0.14467715
49	0.05416943	0.19884658
50	0.06500332	0.2638499
51	0.07456263	0.33841253
52	0.08173211	0.42014464
53	0.0855874	0.50573203
54	0.0855874	0.59131943
55	0.08169706	0.6730165
56	0.07440268	0.74741918
57	0.06461286	0.81203203
58	0.05347271	0.86550474
59	0.04214374	0.90764849
60	0.03160781	0.93925629
61	0.02253999	0.96179629
62	0.01526903	0.97706532
63	0.0098158	0.98688112
64	0.00598151	0.99286263
65	0.00345087	0.9963135
66	0.00188229	0.99819579
67	0.00096924	0.99916503
68	0.00047037	0.99963539
69	0.00021473	0.99985013
70	0.00009203	0.99994215
71	0.00003694	0.9999791

72	0.00001385	0.99999295
73	0.00000484	0.99999779
74	0.00000157	0.99999936
75	4.7e-7	0.99999983
76	1.3e-7	0.99999996
77	3e-8	0.99999999
78	1e-8	1
79	0	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 89**

Erwartungswert:
μ = 53.4

Standardabweichung:
σ = 4.622

1σ-Intervall:
p(49≤X≤58) = 0.72082759

2σ-Intervall:
p(45≤X≤62) = 0.94909283

3σ-Intervall:
p(40≤X≤67) = 0.99769128

---

p = 0.6		**n = 90**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0

15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	1e-8	1e-8
28	2e-8	3e-8
29	6e-8	9e-8
30	2e-7	2.9e-7
31	5.7e-7	8.7e-7
32	0.00000159	0.00000245
33	0.00000419	0.00000664
34	0.00001053	0.00001717
35	0.00002527	0.00004244
36	0.00005791	0.00010035
37	0.00012678	0.00022713
38	0.00026524	0.00049237
39	0.00053047	0.00102284
40	0.00101453	0.00203737
41	0.00185585	0.00389322
42	0.00324774	0.00714096
43	0.00543807	0.01257903
44	0.00871327	0.02129231
45	0.01336035	0.03465266
46	0.01960487	0.05425753
47	0.02753024	0.08178776
48	0.03699376	0.11878152
49	0.0475634	0.16634492
50	0.05850298	0.22484791
51	0.06882704	0.29367495
52	0.07743042	0.37110537
53	0.08327423	0.4543796
54	0.0855874	0.53996699
55	0.08403126	0.62399826
56	0.07877931	0.70277757
57	0.07048675	0.77326432
58	0.0601568	0.83342112
59	0.04894112	0.88236224
60	0.03792937	0.92029161
61	0.02798068	0.94827229

62	0.01963161	0.9679039
63	0.01308774	0.98099164
64	0.00828208	0.98927372
65	0.00496925	0.99424297
66	0.00282344	0.99706641
67	0.00151707	0.99858348
68	0.00076969	0.99935317
69	0.00036811	0.99972129
70	0.00016565	0.99988694
71	0.00006999	0.99995693
72	0.00002771	0.99998464
73	0.00001025	0.99999488
74	0.00000353	0.99999841
75	0.00000113	0.99999954
76	3.3e-7	0.99999988
77	9e-8	0.99999997
78	2e-8	0.99999999
79	1e-8	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 90**

Erwartungswert:
μ = 54

Standardabweichung:
σ = 4.648

1σ-Intervall:
p(50≤X≤58) = 0.66707619

2σ-Intervall:
p(45≤X≤63) = 0.95969933

3σ-Intervall:
p(41≤X≤67) = 0.99654611

---

p = 0.6		**n = 91**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0

4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	1e-8	2e-8
29	4e-8	5e-8
30	1.2e-7	1.7e-7
31	3.5e-7	5.2e-7
32	9.8e-7	0.0000015
33	0.00000263	0.00000413
34	0.00000672	0.00001085
35	0.00001643	0.00002728
36	0.00003833	0.00006561
37	0.00008546	0.00015106
38	0.00018216	0.00033323
39	0.00037133	0.00070456
40	0.0007241	0.00142866
41	0.00135106	0.00277971
42	0.0024126	0.00519232
43	0.00412387	0.00931619
44	0.00674815	0.01606434
45	0.01057211	0.02663645
46	0.01585816	0.04249461
47	0.02277501	0.06526962
48	0.03131565	0.09658527
49	0.04122162	0.13780688
50	0.05193923	0.18974612

51	0.06263261	0.25237872
52	0.07226839	0.32464712
53	0.07976794	0.40441506
54	0.0841995	0.48861456
55	0.08496495	0.5735795
56	0.08193048	0.65550998
57	0.07546229	0.73097227
58	0.06635477	0.79732704
59	0.05567053	0.85299757
60	0.04453642	0.89753399
61	0.0339499	0.93148388
62	0.02464105	0.95612494
63	0.01701406	0.973139
64	0.01116548	0.98430447
65	0.00695695	0.99126142
66	0.00411093	0.99537235
67	0.00230089	0.99767324
68	0.00121812	0.99889136
69	0.00060906	0.99950042
70	0.00028713	0.99978755
71	0.00012739	0.99991493
72	0.00005308	0.99996801
73	0.00002072	0.99998874
74	0.00000756	0.9999963
75	0.00000257	0.99999887
76	8.1e-7	0.99999968
77	2.4e-7	0.99999992
78	6e-8	0.99999998
79	2e-8	1
80	0	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 91**
Erwartungswert: μ = 54.6		
Standardabweichung: σ = 4.673		
1σ-Intervall: p(50≤X≤59) = 0.71519068		

2σ-Intervall: p(46≤X≤63) = 0.94650255
3σ-Intervall: p(41≤X≤68) = 0.9974627

---

p = 0.6		n = 92
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	1e-8	1e-8
29	2e-8	3e-8
30	7e-8	1e-7
31	2.1e-7	3.1e-7
32	6e-7	9.1e-7
33	0.00000164	0.00000255
34	0.00000427	0.00000682
35	0.0000106	0.00001742
36	0.00002519	0.00004261
37	0.00005718	0.00009979
38	0.00012414	0.00022393
39	0.00025783	0.00048176

40	0.00051244	0.0009942
41	0.00097488	0.00196908
42	0.00177568	0.00374476
43	0.00309711	0.00684187
44	0.00517358	0.01201545
45	0.00827773	0.02029319
46	0.01268653	0.03297971
47	0.0186249	0.05160461
48	0.02619127	0.07779588
49	0.03527803	0.11307391
50	0.04550866	0.15858258
51	0.05621658	0.21479916
52	0.06648692	0.28128608
53	0.07526821	0.35655429
54	0.08154056	0.43809486
55	0.08450568	0.52260053
56	0.08375116	0.60635169
57	0.0793432	0.6856949
58	0.07181928	0.75751418
59	0.06208107	0.81959525
60	0.05121688	0.87081213
61	0.04030181	0.91111395
62	0.03022636	0.9413403
63	0.02159026	0.96293056
64	0.01467463	0.97760519
65	0.00948207	0.98708725
66	0.00581854	0.99290579
67	0.00338691	0.99629271
68	0.00186778	0.99816049
69	0.0009745	0.99913498
70	0.00048029	0.99961527
71	0.00022323	0.9998385
72	0.00009766	0.99993617
73	0.00004014	0.9999763
74	0.00001546	0.99999176
75	0.00000556	0.99999732
76	0.00000187	0.99999919
77	5.8e-7	0.99999977
78	1.7e-7	0.99999994
79	4e-8	0.99999999
80	1e-8	1
81	0	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1

87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 92**

Erwartungswert:
μ = 55.2

Standardabweichung:
σ = 4.699

1σ-Intervall:
p(51≤X≤59) = 0.66101267

2σ-Intervall:
p(46≤X≤64) = 0.957312

3σ-Intervall:
p(42≤X≤69) = 0.9971659

---

p = 0.6		**n = 93**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0

27	0	0
28	0	1e-8
29	1e-8	2e-8
30	4e-8	6e-8
31	1.3e-7	1.9e-7
32	3.7e-7	5.5e-7
33	0.00000102	0.00000157
34	0.00000269	0.00000426
35	0.0000068	0.00001106
36	0.00001644	0.0000275
37	0.00003798	0.00006548
38	0.00008396	0.00014945
39	0.00017762	0.00032706
40	0.00035967	0.00068674
41	0.00069742	0.00138415
42	0.0012952	0.00267935
43	0.00230425	0.0049836
44	0.0039277	0.0089113
45	0.00641524	0.01532654
46	0.01004125	0.0253678
47	0.01506188	0.04042967
48	0.02165145	0.06208112
49	0.02982597	0.09190709
50	0.03937029	0.13127738
51	0.04979183	0.18106921
52	0.06032472	0.24139393
53	0.06999944	0.31139337
54	0.07777715	0.38917052
55	0.08272661	0.47189713
56	0.08420387	0.556101
57	0.08198798	0.63808898
58	0.07633363	0.71442261
59	0.067924	0.78234661
60	0.0577354	0.840082
61	0.04685086	0.88693286
62	0.03627163	0.92320449
63	0.02677192	0.94997641
64	0.018824	0.96880041
65	0.0125976	0.98139801
66	0.00801666	0.98941467
67	0.00484589	0.99426056
68	0.00277926	0.99703982
69	0.00151047	0.99855029
70	0.00077681	0.9993271
71	0.00037746	0.99970456
72	0.000173	0.99987757
73	0.00007465	0.99995222

74	0.00003026	0.99998249
75	0.0000115	0.99999399
76	0.00000409	0.99999807
77	0.00000135	0.99999942
78	4.2e-7	0.99999984
79	1.2e-7	0.99999996
80	3e-8	0.99999999
81	1e-8	1
82	0	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 93**

Erwartungswert:
μ = 55.8

Standardabweichung:
σ = 4.724

1σ-Intervall:
p(52≤X≤60) = 0.65901279

2σ-Intervall:
p(47≤X≤65) = 0.95603022

3σ-Intervall:
p(42≤X≤69) = 0.99716614

---

p = 0.6		**n = 94**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0

13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	1e-8	1e-8
30	2e-8	3e-8
31	8e-8	1.1e-7
32	2.2e-7	3.3e-7
33	6.3e-7	9.6e-7
34	0.00000169	0.00000264
35	0.00000433	0.00000698
36	0.00001066	0.00001764
37	0.00002506	0.00004269
38	0.00005638	0.00009907
39	0.00012143	0.00022049
40	0.00025044	0.00047093
41	0.00049477	0.0009657
42	0.00093653	0.00190223
43	0.00169882	0.00360105
44	0.00295363	0.00655468
45	0.00492272	0.0114774
46	0.00786565	0.01934305
47	0.0120495	0.03139255
48	0.0176977	0.04909025
49	0.02492126	0.07401151
50	0.0336437	0.10765521
51	0.0435389	0.15119411
52	0.05400499	0.2051991
53	0.06419461	0.2693937
54	0.07311052	0.34250423
55	0.07975694	0.42226116
56	0.08331751	0.50557868
57	0.08331751	0.58889619
58	0.07972624	0.66862243
59	0.07296978	0.74159221

60	0.06384856	0.80544077
61	0.05338158	0.85882235
62	0.04261917	0.90144151
63	0.03247174	0.93391326
64	0.02359275	0.95750601
65	0.01633344	0.97383945
66	0.01076522	0.98460468
67	0.00674835	0.99135303
68	0.00401924	0.99537226
69	0.00227174	0.99764401
70	0.00121701	0.99886101
71	0.00061707	0.99947808
72	0.00029568	0.99977376
73	0.00013366	0.99990743
74	0.0000569	0.99996433
75	0.00002276	0.99998709
76	0.00000853	0.99999562
77	0.00000299	0.99999861
78	9.8e-7	0.99999959
79	3e-7	0.99999989
80	8e-8	0.99999997
81	2e-8	0.99999999
82	1e-8	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 94**
Erwartungswert: $\mu = 56.4$		
Standardabweichung: $\sigma = 4.75$		
1σ-Intervall: $p(52 \le X \le 61) = 0.70762823$		
2σ-Intervall: $p(47 \le X \le 65) = 0.95449641$		
3σ-Intervall: $p(43 \le X \le 70) = 0.99695878$		

p = 0.6		n = 95
k	p(X=k)	p(x≤k)
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	1e-8
30	1e-8	2e-8
31	4e-8	6e-8
32	1.3e-7	2e-7
33	3.8e-7	5.8e-7
34	0.00000105	0.00000163
35	0.00000275	0.00000438
36	0.00000686	0.00001124
37	0.00001642	0.00002766
38	0.00003758	0.00006524
39	0.0000824	0.00014764
40	0.00017303	0.00032067
41	0.00034817	0.00066884
42	0.00067147	0.00134031
43	0.00124145	0.00258176
44	0.00220074	0.0047825

45	0.00374127	0.00852377
46	0.00609989	0.01462366
47	0.00953919	0.02416285
48	0.01430878	0.03847163
49	0.02058713	0.05905875
50	0.02841023	0.08746899
51	0.03760178	0.12507077
52	0.04772534	0.17279611
53	0.05808083	0.23087694
54	0.06776097	0.29863791
55	0.07576909	0.374407
56	0.08118117	0.45558817
57	0.08331751	0.53890568
58	0.081881	0.62078668
59	0.07702366	0.69781034
60	0.06932129	0.76713163
61	0.05966177	0.8267934
62	0.04907661	0.87587001
63	0.0385602	0.91443021
64	0.02892015	0.94335036
65	0.02068903	0.96403939
66	0.01410616	0.97814554
67	0.00915847	0.98730402
68	0.0056567	0.99296072
69	0.00332024	0.99628096
70	0.00184985	0.99813081
71	0.00097703	0.99910784
72	0.00048852	0.99959636
73	0.00023087	0.99982723
74	0.00010296	0.99993019
75	0.00004324	0.99997343
76	0.00001707	0.9999905
77	0.00000632	0.99999682
78	0.00000219	0.999999
79	7.1e-7	0.99999971
80	2.1e-7	0.99999992
81	6e-8	0.99999998
82	2e-8	1
83	0	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1

92	0	1
93	0	1
94	0	1
95	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 95**

Erwartungswert:
μ = 57

Standardabweichung:
σ = 4.775

1σ-Intervall:
p(53≤X≤61) = 0.65399729

2σ-Intervall:
p(48≤X≤66) = 0.9539827

3σ-Intervall:
p(43≤X≤71) = 0.99776753

---

p = 0.6		**n = 96**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0

29	0	0
30	1e-8	1e-8
31	3e-8	4e-8
32	8e-8	1.2e-7
33	2.3e-7	3.5e-7
34	6.5e-7	0.000001
35	0.00000173	0.00000273
36	0.00000439	0.00000712
37	0.00001068	0.00001781
38	0.00002488	0.00004269
39	0.00005551	0.0000982
40	0.00011865	0.00021685
41	0.00024309	0.00045994
42	0.00047749	0.00093743
43	0.00089946	0.00183689
44	0.00162517	0.00346206
45	0.00281695	0.00627901
46	0.00468471	0.01096372
47	0.00747561	0.01843933
48	0.01144703	0.02988636
49	0.01682012	0.04670648
50	0.02371637	0.07042285
51	0.03208685	0.1025097
52	0.0416512	0.1441609
53	0.05186754	0.19602844
54	0.06195289	0.25798133
55	0.07096422	0.32894555
56	0.07793392	0.40687947
57	0.0820357	0.48891517
58	0.08274291	0.57165808
59	0.07993806	0.65159615
60	0.07394271	0.72553886
61	0.06545748	0.79099634
62	0.05542771	0.84642404
63	0.04487005	0.89129409
64	0.03470418	0.92599827
65	0.0256277	0.95162597
66	0.01805588	0.96968185
67	0.01212708	0.98180893
68	0.00775777	0.9895667
69	0.00472212	0.99428882
70	0.00273208	0.9970209
71	0.00150072	0.99852162
72	0.00078163	0.99930325
73	0.00038546	0.99968871
74	0.00017971	0.99986841
75	0.00007907	0.99994748

76	0.00003277	0.99998026
77	0.00001277	0.99999303
78	0.00000467	0.99999769
79	0.00000159	0.99999929
80	5.1e-7	0.99999979
81	1.5e-7	0.99999995
82	4e-8	0.99999999
83	1e-8	1
84	0	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
95	0	1
96	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 96**
Erwartungswert: μ = 57.6		
Standardabweichung: σ = 4.8		
1σ-Intervall: p(53≤X≤62) = 0.70226314		
2σ-Intervall: p(48≤X≤67) = 0.9633696		
3σ-Intervall: p(44≤X≤72) = 0.99746636		

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p = 0.6		**n = 97**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0

12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	1e-8
31	2e-8	2e-8
32	5e-8	7e-8
33	1.4e-7	2.1e-7
34	4e-7	6.1e-7
35	0.00000108	0.00000169
36	0.00000279	0.00000449
37	0.00000691	0.0000114
38	0.00001636	0.00002776
39	0.00003713	0.00006489
40	0.00008077	0.00014566
41	0.00016842	0.00031408
42	0.00033685	0.00065093
43	0.00064628	0.00129721
44	0.00118974	0.00248696
45	0.00210188	0.00458884
46	0.00356406	0.00815289
47	0.00580107	0.01395397
48	0.00906418	0.02301814
49	0.01359626	0.03661441
50	0.01957862	0.05619303
51	0.02706456	0.08325759
52	0.03591259	0.11917018
53	0.04573774	0.16490792
54	0.05590168	0.2208096
55	0.06555742	0.28636702
56	0.0737521	0.36011912
57	0.07957463	0.43969375
58	0.08231859	0.52201234

59	0.08162097	0.60363331
60	0.07753992	0.68117323
61	0.07054862	0.75172185
62	0.06144557	0.81316742
63	0.05120464	0.86437206
64	0.0408037	0.90517576
65	0.03107359	0.93624935
66	0.02259897	0.95884832
67	0.01568436	0.97453268
68	0.01037936	0.98491204
69	0.00654351	0.99145554
70	0.0039261	0.99538165
71	0.00223954	0.99762119
72	0.00121308	0.99883427
73	0.00062316	0.99945743
74	0.00030316	0.99976059
75	0.00013945	0.99990004
76	0.00006055	0.99996059
77	0.00002477	0.99998537
78	0.00000953	0.99999489
79	0.00000344	0.99999833
80	0.00000116	0.99999949
81	3.7e-7	0.99999985
82	1.1e-7	0.99999996
83	3e-8	0.99999999
84	1e-8	1
85	0	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
95	0	1
96	0	1
97	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 97**

Erwartungswert:
μ = 58.2

Standardabweichung:
σ = 4.825

1σ-Intervall:
p(54≤X≤63) = 0.69946414

2σ-Intervall:
p(49≤X≤67) = 0.95151454

3σ-Intervall:
$p(44 \le X \le 72) = 0.99753706$

p = 0.6		n = 98
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
31	1e-8	1e-8
32	3e-8	4e-8
33	9e-8	1.3e-7
34	2.5e-7	3.7e-7
35	6.7e-7	0.00000105
36	0.00000177	0.00000281
37	0.00000444	0.00000725
38	0.00001069	0.00001794
39	0.00002467	0.00004261
40	0.00005459	0.0000972
41	0.00011583	0.00021303

42	0.00023579	0.00044882
43	0.00046062	0.00090945
44	0.00086367	0.00177311
45	0.0015546	0.00332771
46	0.00268675	0.00601446
47	0.00445886	0.01047332
48	0.00710631	0.01757964
49	0.01087701	0.02845665
50	0.01598921	0.04444585
51	0.022573	0.06701885
52	0.03060377	0.09762263
53	0.03984265	0.13746528
54	0.04980331	0.18726859
55	0.05976398	0.24703256
56	0.06883529	0.31586786
57	0.07608111	0.39194897
58	0.08067221	0.47262118
59	0.08203954	0.55466073
60	0.07998855	0.63464928
61	0.0747434	0.70939268
62	0.0669074	0.77630008
63	0.0573492	0.83364928
64	0.04704427	0.88069354
65	0.03691165	0.9176052
66	0.02768374	0.94528894
67	0.01983313	0.96512206
68	0.01356236	0.97868442
69	0.00884502	0.98752944
70	0.00549655	0.99302599
71	0.00325148	0.99627746
72	0.00182896	0.99810642
73	0.00097711	0.99908353
74	0.00049516	0.99957869
75	0.00023768	0.99981637
76	0.00010789	0.99992426
77	0.00004624	0.9999705
78	0.00001867	0.99998918
79	0.00000709	0.99999627
80	0.00000253	0.99999879
81	8.4e-7	0.99999964
82	2.6e-7	0.9999999
83	8e-8	0.99999997
84	2e-8	0.99999999
85	1e-8	1
86	0	1
87	0	1
88	0	1

89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
95	0	1
96	0	1
97	0	1
98	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 98**

Erwartungswert:
μ = 58.8

Standardabweichung:
σ = 4.85

1σ-Intervall:
p(54≤X≤63) = 0.696184

2σ-Intervall:
p(50≤X≤68) = 0.95022777

3σ-Intervall:
p(45≤X≤73) = 0.99731042

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p = 0.6		**n = 99**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0
3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0

23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
31	1e-8	1e-8
32	2e-8	2e-8
33	5e-8	8e-8
34	1.5e-7	2.3e-7
35	4.2e-7	6.4e-7
36	0.00000111	0.00000175
37	0.00000284	0.00000459
38	0.00000694	0.00001153
39	0.00001628	0.00002781
40	0.00003664	0.00006445
41	0.00007908	0.00014353
42	0.00016382	0.00030735
43	0.00032573	0.00063307
44	0.00062184	0.00125491
45	0.00114004	0.00239495
46	0.00200746	0.00440241
47	0.0033956	0.00779801
48	0.00551784	0.01331585
49	0.00861459	0.02193044
50	0.01292189	0.03485233
51	0.01862272	0.05347505
52	0.02578531	0.07926036
53	0.03429932	0.11355969
54	0.04382692	0.1573866
55	0.05378758	0.21117418
56	0.0633925	0.27456668
57	0.07173362	0.3463003
58	0.07791755	0.42421786
59	0.08121914	0.505437
60	0.08121914	0.58665615
61	0.07789049	0.66454664
62	0.071609	0.73615564
63	0.06308412	0.79923976
64	0.05322723	0.85246698
65	0.04299122	0.8954582
66	0.03322049	0.92867869
67	0.0245435	0.95322219
68	0.01732482	0.97054701
69	0.01167542	0.98222243

70	0.00750563	0.98972806
71	0.00459852	0.99432658
72	0.00268247	0.99700905
73	0.00148822	0.99849727
74	0.00078433	0.9992816
75	0.00039217	0.99967376
76	0.00018576	0.99985953
77	0.00008323	0.99994276
78	0.00003521	0.99997797
79	0.00001404	0.99999201
80	0.00000527	0.99999728
81	0.00000185	0.99999913
82	6.1e-7	0.99999974
83	1.9e-7	0.99999993
84	5e-8	0.99999998
85	1e-8	1
86	0	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
95	0	1
96	0	1
97	0	1
98	0	1
99	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 99**

Erwartungswert:
μ = 59.4

Standardabweichung:
σ = 4.874

1σ-Intervall:
p(55≤X≤64) = 0.69508038

2σ-Intervall:
p(50≤X≤69) = 0.96029199

3σ-Intervall:
p(45≤X≤74) = 0.99802669

---

p = 0.6		**n = 100**
k	**p(X=k)**	**p(x≤k)**
0	0	0
1	0	0
2	0	0

3	0	0
4	0	0
5	0	0
6	0	0
7	0	0
8	0	0
9	0	0
10	0	0
11	0	0
12	0	0
13	0	0
14	0	0
15	0	0
16	0	0
17	0	0
18	0	0
19	0	0
20	0	0
21	0	0
22	0	0
23	0	0
24	0	0
25	0	0
26	0	0
27	0	0
28	0	0
29	0	0
30	0	0
31	0	0
32	1e-8	1e-8
33	3e-8	4e-8
34	9e-8	1.4e-7
35	2.6e-7	3.9e-7
36	6.9e-7	0.00000109
37	0.0000018	0.00000289
38	0.00000448	0.00000736
39	0.00001068	0.00001804
40	0.00002442	0.00004247
41	0.00005362	0.00009608
42	0.00011298	0.00020906
43	0.00022858	0.00043764
44	0.00044417	0.00088181
45	0.00082912	0.00171093
46	0.00148701	0.00319793
47	0.00256271	0.00576065
48	0.0042445	0.01000514
49	0.00675654	0.01676169

50	0.01033751	0.0270992
51	0.01520222	0.04230142
52	0.02148776	0.06378918
53	0.02919091	0.09298009
54	0.03811036	0.13109045
55	0.04781118	0.17890163
56	0.05762955	0.23653118
57	0.06672895	0.30326013
58	0.07420719	0.37746732
59	0.07923819	0.45670551
60	0.08121914	0.53792466
61	0.07988768	0.61781234
62	0.0753779	0.69319024
63	0.06819905	0.76138929
64	0.05914136	0.82053065
65	0.04913282	0.86966347
66	0.03908293	0.9087464
67	0.02974969	0.93849609
68	0.02165603	0.96015212
69	0.01506506	0.97521718
70	0.0100075	0.98522468
71	0.00634278	0.99156747
72	0.0038321	0.99539957
73	0.00220477	0.99760434
74	0.00120666	0.998811
75	0.00062747	0.99943846
76	0.0003096	0.99974807
77	0.00014475	0.99989282
78	0.00006402	0.99995684
79	0.00002674	0.99998359
80	0.00001053	0.99999412
81	0.0000039	0.99999802
82	0.00000136	0.99999937
83	4.4e-7	0.99999982
84	1.3e-7	0.99999995
85	4e-8	0.99999999
86	1e-8	1
87	0	1
88	0	1
89	0	1
90	0	1
91	0	1
92	0	1
93	0	1
94	0	1
95	0	1
96	0	1

97	0	1
98	0	1
99	0	1
100	0	1
k	**p(X=k)**	**p(x≤k)**
p = 0.6		**n = 100**

Erwartungswert:
μ = 60

Standardabweichung:
σ = 4.899

1σ-Intervall:
p(56≤X≤64) = 0.64162901

2σ-Intervall:
p(51≤X≤69) = 0.94811798

3σ-Intervall:
p(46≤X≤74) = 0.99710007