Tables statistiques

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1 Loi binomiale $\mathcal{B}(n,\, p)$

$$F(i) = P(X \leq i) = \sum_{k=0}^{i} C_n^k p^k (1-p)^{n-k} = \sum_{k=0}^{i} \left(\begin{array}{c} n \\ k \end{array} \right) p^k (1-p)^{n-k}$$

Remarque

1. $P(X \geq i) = 1 - P(X \leq i-1)$
2. $P(i \leq X \leq j) = P(X \leq j) - P(X \leq i-1)$

Utilisation des tables lorsque $p > 0,5$

En posant $X \sim \mathcal{B}(n,p)$ $F(i) = P(X \leq i) = \sum_{k=0}^{i} C_n^k p^k (1-p)^{n-k} = \sum_{k=0}^{i} \left(\begin{array}{c} n \\ k \end{array} \right) p^k (1-p)^{n-k}$, si $X \sim \mathcal{B}(n,p)$ avec $p > 0,5$, on peut utiliser

1. $P(X \leq i) = 1 - P(X' \leq n-i-1)$ avec $X' \sim \mathcal{B}(n, 1-p)$,
2. $P(X \geq i) = P(X' \leq n-i)$ avec $X' \sim \mathcal{B}(n, 1-p)$.

Loi binomiale $\mathcal{B}(n, p)$

n=5

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9752	0.9510	0.7738	0.5905	0.4437	0.3277	0.2373	0.1681	0.1160	0.0778	0.0503	0.0312
1	0.9998	0.9990	0.9774	0.9185	0.8352	0.7373	0.6328	0.5282	0.4284	0.3370	0.2562	0.1875
2	1.0000	1.0000	0.9988	0.9914	0.9734	0.9421	0.8965	0.8369	0.7648	0.6826	0.5931	0.5000
3	1.0000	1.0000	1.0000	0.9995	0.9978	0.9933	0.9844	0.9692	0.9460	0.9130	0.8688	0.8125
4	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9990	0.9976	0.9947	0.9898	0.9815	0.9688

n=10

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9511	0.9044	0.5987	0.3487	0.1969	0.1074	0.0563	0.0282	0.0135	0.0060	0.0025	0.0010
1	0.9989	0.9957	0.9139	0.7361	0.5443	0.3758	0.2440	0.1493	0.0860	0.0464	0.0233	0.0107
2	1.0000	0.9999	0.9885	0.9298	0.8202	0.6778	0.5256	0.3828	0.2616	0.1673	0.0996	0.0547
3	1.0000	1.0000	0.9990	0.9872	0.9500	0.8791	0.7759	0.6496	0.5138	0.3823	0.2660	0.1719
4	1.0000	1.0000	0.9999	0.9984	0.9901	0.9672	0.9219	0.8497	0.7515	0.6331	0.5044	0.3770
5	1.0000	1.0000	1.0000	0.9999	0.9986	0.9936	0.9803	0.9527	0.9051	0.8338	0.7384	0.6230
6	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9965	0.9894	0.9740	0.9452	0.8980	0.8281
7	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9984	0.9952	0.9877	0.9726	0.9453
8	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9983	0.9955	0.9893
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9990

n=12

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9416	0.8864	0.5404	0.2824	0.1422	0.0687	0.0317	0.0138	0.0057	0.0022	0.0008	0.0002
1	0.9984	0.9938	0.8816	0.6590	0.4435	0.2749	0.1584	0.0850	0.0424	0.0196	0.0083	0.0032
2	1.0000	0.9998	0.9804	0.8891	0.7358	0.5583	0.3907	0.2528	0.1513	0.0834	0.0421	0.0193
3	1.0000	1.0000	0.9978	0.9744	0.9078	0.7946	0.6488	0.4925	0.3467	0.2253	0.1345	0.0730
4	1.0000	1.0000	0.9998	0.9957	0.9761	0.9274	0.8424	0.7237	0.5833	0.4382	0.3044	0.1938
5	1.0000	1.0000	1.0000	0.9995	0.9954	0.9806	0.9456	0.8822	0.7873	0.6652	0.5269	0.3872
6	1.0000	1.0000	1.0000	0.9999	0.9993	0.9961	0.9857	0.9614	0.9154	0.8418	0.7393	0.6128
7	1.0000	1.0000	1.0000	1.0000	0.9999	0.9994	0.9972	0.9905	0.9745	0.9427	0.8883	0.8062
8	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9983	0.9944	0.9847	0.9644	0.9270
9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9992	0.9972	0.9921	0.9807
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9989	0.9968
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998

n=15

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9276	0.8601	0.4633	0.2059	0.0874	0.0352	0.0134	0.0047	0.0016	0.0005	0.0001	0.0000
1	0.9975	0.9904	0.8290	0.5490	0.3186	0.1671	0.0802	0.0353	0.0142	0.0052	0.0017	0.0005
2	0.9999	0.9996	0.9638	0.8159	0.6042	0.3980	0.2361	0.1268	0.0617	0.0271	0.0107	0.0037
3	1.0000	1.0000	0.9945	0.9444	0.8227	0.6482	0.4613	0.2969	0.1727	0.0905	0.0424	0.0176
4	1.0000	1.0000	0.9994	0.9873	0.9383	0.8358	0.6865	0.5155	0.3519	0.2173	0.1204	0.0592
5	1.0000	1.0000	0.9999	0.9978	0.9832	0.9389	0.8516	0.7216	0.5643	0.4032	0.2608	0.1509
6	1.0000	1.0000	1.0000	0.9997	0.9964	0.9819	0.9434	0.8689	0.7548	0.6098	0.4522	0.3036
7	1.0000	1.0000	1.0000	1.0000	0.9994	0.9958	0.9827	0.9500	0.8868	0.7869	0.6535	0.5000
8	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9958	0.9848	0.9578	0.9050	0.8182	0.6964
9	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9963	0.9876	0.9662	0.9231	0.8491
10	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9993	0.9972	0.9907	0.9745	0.9408
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995	0.9981	0.9937	0.9824
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9989	0.9963
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995

Loi binomiale $\mathcal{B}(n, p)$

n=18

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9137	0.8345	0.3972	0.1501	0.0536	0.0180	0.0056	0.0016	0.0004	0.0001	0.0000	0.0000
1	0.9964	0.9862	0.7735	0.4503	0.2241	0.0991	0.0395	0.0142	0.0046	0.0013	0.0003	0.0001
2	0.9999	0.9993	0.9419	0.7338	0.4797	0.2713	0.1353	0.0600	0.0236	0.0082	0.0025	0.0007
3	1.0000	1.0000	0.9891	0.9018	0.7202	0.5010	0.3057	0.1646	0.0783	0.0328	0.0120	0.0038
4	1.0000	1.0000	0.9985	0.9718	0.8794	0.7164	0.5187	0.3327	0.1886	0.0942	0.0411	0.0154
5	1.0000	1.0000	0.9998	0.9936	0.9581	0.8671	0.7175	0.5344	0.3550	0.2088	0.1077	0.0481
6	1.0000	1.0000	1.0000	0.9988	0.9882	0.9487	0.8610	0.7217	0.5491	0.3743	0.2258	0.1189
7	1.0000	1.0000	1.0000	0.9998	0.9973	0.9837	0.9431	0.8593	0.7283	0.5634	0.3915	0.2403
8	1.0000	1.0000	1.0000	1.0000	0.9995	0.9957	0.9807	0.9404	0.8609	0.7368	0.5778	0.4073
9	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9946	0.9790	0.9403	0.8653	0.7473	0.5927
10	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9988	0.9939	0.9788	0.9424	0.8720	0.7597
11	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9986	0.9938	0.9797	0.9463	0.8811
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9986	0.9942	0.9817	0.9519
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987	0.9951	0.9846
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9990	0.9962
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9993
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

n=20

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.9046	0.8179	0.3585	0.1216	0.0388	0.0115	0.0032	0.0008	0.0002	0.0000	0.0000	0.0000
1	0.9955	0.9831	0.7358	0.3917	0.1756	0.0692	0.0243	0.0076	0.0021	0.0005	0.0001	0.0000
2	0.9999	0.9990	0.9245	0.6769	0.4049	0.2061	0.0913	0.0355	0.0121	0.0036	0.0009	0.0002
3	1.0000	1.0000	0.9841	0.8670	0.6477	0.4114	0.2252	0.1071	0.0444	0.0160	0.0049	0.0013
4	1.0000	1.0000	0.9974	0.9568	0.8298	0.6296	0.4148	0.2375	0.1182	0.0510	0.0189	0.0059
5	1.0000	1.0000	0.9997	0.9887	0.9327	0.8042	0.6172	0.4164	0.2454	0.1256	0.0553	0.0207
6	1.0000	1.0000	1.0000	0.9976	0.9781	0.9133	0.7858	0.6080	0.4166	0.2500	0.1299	0.0577
7	1.0000	1.0000	1.0000	0.9996	0.9941	0.9679	0.8982	0.7723	0.6010	0.4159	0.2520	0.1316
8	1.0000	1.0000	1.0000	0.9999	0.9987	0.9900	0.9591	0.8867	0.7624	0.5956	0.4143	0.2517
9	1.0000	1.0000	1.0000	1.0000	0.9998	0.9974	0.9861	0.9520	0.8782	0.7553	0.5914	0.4119
10	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9961	0.9829	0.9468	0.8725	0.7507	0.5881
11	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9949	0.9804	0.9435	0.8692	0.7483
12	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9987	0.9940	0.9790	0.9420	0.8684
13	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9985	0.9935	0.9786	0.9423
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9984	0.9936	0.9793
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9985	0.9941
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9987
17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998

n=25

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.8822	0.7778	0.2774	0.0718	0.0172	0.0038	0.0008	0.0001	0.0000	0.0000	0.0000	0.0000
1	0.9931	0.9742	0.6424	0.2712	0.0931	0.0274	0.0070	0.0016	0.0003	0.0001	0.0000	0.0000
2	0.9997	0.9980	0.8729	0.5371	0.2537	0.0982	0.0321	0.0090	0.0021	0.0004	0.0001	0.0000
3	1.0000	0.9999	0.9659	0.7636	0.4711	0.2340	0.0962	0.0332	0.0097	0.0024	0.0005	0.0001
4	1.0000	1.0000	0.9928	0.9020	0.6821	0.4207	0.2137	0.0905	0.0320	0.0095	0.0023	0.0005
5	1.0000	1.0000	0.9988	0.9666	0.8385	0.6167	0.3783	0.1935	0.0826	0.0294	0.0086	0.0020
6	1.0000	1.0000	0.9998	0.9905	0.9305	0.7800	0.5611	0.3407	0.1734	0.0736	0.0258	0.0073
7	1.0000	1.0000	1.0000	0.9977	0.9745	0.8909	0.7265	0.5118	0.3061	0.1536	0.0639	0.0216
8	1.0000	1.0000	1.0000	0.9995	0.9920	0.9532	0.8506	0.6769	0.4668	0.2735	0.1340	0.0539
9	1.0000	1.0000	1.0000	0.9999	0.9979	0.9827	0.9287	0.8106	0.6303	0.4246	0.2424	0.1148
10	1.0000	1.0000	1.0000	1.0000	0.9995	0.9944	0.9703	0.9022	0.7712	0.5858	0.3843	0.2122
11	1.0000	1.0000	1.0000	1.0000	0.9999	0.9985	0.9893	0.9558	0.8746	0.7323	0.5426	0.3450
12	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9966	0.9825	0.9396	0.8462	0.6937	0.5000
13	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9940	0.9745	0.9222	0.8173	0.6550
14	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9982	0.9907	0.9656	0.9040	0.7878
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9971	0.9868	0.9560	0.8852
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9957	0.9826	0.9461
17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9988	0.9942	0.9784
18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9984	0.9927
19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9996	0.9980
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9995
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n, p)$

n=30

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.8604	0.7397	0.2146	0.0424	0.0076	0.0012	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9901	0.9639	0.5535	0.1837	0.0480	0.0105	0.0020	0.0003	0.0000	0.0000	0.0000	0.0000
2	0.9995	0.9967	0.8122	0.4114	0.1514	0.0442	0.0106	0.0021	0.0003	0.0000	0.0000	0.0000
3	1.0000	0.9998	0.9392	0.6474	0.3217	0.1227	0.0374	0.0093	0.0019	0.0003	0.0000	0.0000
4	1.0000	1.0000	0.9844	0.8245	0.5245	0.2552	0.0979	0.0302	0.0075	0.0015	0.0002	0.0000
5	1.0000	1.0000	0.9967	0.9268	0.7106	0.4275	0.2026	0.0766	0.0233	0.0057	0.0011	0.0002
6	1.0000	1.0000	0.9994	0.9742	0.8474	0.6070	0.3481	0.1595	0.0586	0.0172	0.0040	0.0007
7	1.0000	1.0000	0.9999	0.9922	0.9302	0.7608	0.5143	0.2814	0.1238	0.0435	0.0121	0.0026
8	1.0000	1.0000	1.0000	0.9980	0.9722	0.8713	0.6736	0.4315	0.2247	0.0940	0.0312	0.0081
9	1.0000	1.0000	1.0000	0.9995	0.9903	0.9389	0.8034	0.5888	0.3575	0.1763	0.0694	0.0214
10	1.0000	1.0000	1.0000	0.9999	0.9971	0.9744	0.8943	0.7304	0.5078	0.2915	0.1350	0.0494
11	1.0000	1.0000	1.0000	1.0000	0.9992	0.9905	0.9493	0.8407	0.6548	0.4311	0.2327	0.1002
12	1.0000	1.0000	1.0000	1.0000	0.9998	0.9969	0.9784	0.9155	0.7802	0.5785	0.3592	0.1808
13	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9918	0.9599	0.8737	0.7145	0.5025	0.2923
14	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9973	0.9831	0.9348	0.8246	0.6448	0.4278
15	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9992	0.9936	0.9699	0.9029	0.7691	0.5722
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9979	0.9876	0.9519	0.8644	0.7077
17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9994	0.9955	0.9788	0.9286	0.8192
18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9986	0.9917	0.9666	0.8998
19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9971	0.9862	0.9506
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9950	0.9786
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9984	0.9919
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9974
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9993
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998

n=40

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.8183	0.6690	0.1285	0.0148	0.0015	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9828	0.9393	0.3991	0.0805	0.0121	0.0015	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9989	0.9925	0.6767	0.2228	0.0486	0.0079	0.0010	0.0001	0.0000	0.0000	0.0000	0.0000
3	1.0000	0.9993	0.8619	0.4231	0.1302	0.0285	0.0047	0.0006	0.0001	0.0000	0.0000	0.0000
4	1.0000	1.0000	0.9520	0.6290	0.2633	0.0759	0.0160	0.0026	0.0003	0.0000	0.0000	0.0000
5	1.0000	1.0000	0.9861	0.7937	0.4325	0.1613	0.0433	0.0086	0.0013	0.0001	0.0000	0.0000
6	1.0000	1.0000	0.9966	0.9005	0.6067	0.2859	0.0962	0.0238	0.0044	0.0006	0.0001	0.0000
7	1.0000	1.0000	0.9993	0.9581	0.7559	0.4371	0.1820	0.0553	0.0124	0.0021	0.0002	0.0000
8	1.0000	1.0000	0.9999	0.9845	0.8646	0.5931	0.2998	0.1110	0.0303	0.0061	0.0009	0.0001
9	1.0000	1.0000	1.0000	0.9949	0.9328	0.7318	0.4395	0.1959	0.0644	0.0156	0.0027	0.0003
10	1.0000	1.0000	1.0000	0.9985	0.9701	0.8392	0.5839	0.3087	0.1215	0.0352	0.0074	0.0011
11	1.0000	1.0000	1.0000	0.9996	0.9880	0.9125	0.7151	0.4406	0.2053	0.0709	0.0179	0.0032
12	1.0000	1.0000	1.0000	0.9999	0.9957	0.9568	0.8209	0.5772	0.3143	0.1285	0.0386	0.0083
13	1.0000	1.0000	1.0000	1.0000	0.9986	0.9806	0.8968	0.7032	0.4408	0.2112	0.0751	0.0192
14	1.0000	1.0000	1.0000	1.0000	0.9996	0.9921	0.9456	0.8074	0.5721	0.3174	0.1326	0.0403
15	1.0000	1.0000	1.0000	1.0000	0.9999	0.9971	0.9738	0.8849	0.6946	0.4402	0.2142	0.0769
16	1.0000	1.0000	1.0000	1.0000	1.0000	0.9990	0.9884	0.9367	0.7978	0.5681	0.3185	0.1341
17	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9953	0.9680	0.8761	0.6885	0.4391	0.2148
18	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9983	0.9852	0.9301	0.7911	0.5651	0.3179
19	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9937	0.9637	0.8702	0.6844	0.4373
20	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9976	0.9827	0.9256	0.7870	0.5627
21	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9925	0.9608	0.8669	0.6821
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9970	0.9811	0.9233	0.7852
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9989	0.9917	0.9595	0.8659
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9966	0.9804	0.9231
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9988	0.9914	0.9597
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9966	0.9808
27	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9988	0.9917
28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9968
29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9989
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n, p)$

n=50

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.7783	0.6050	0.0769	0.0052	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9739	0.9106	0.2794	0.0338	0.0029	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9979	0.9862	0.5405	0.1117	0.0142	0.0013	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9999	0.9984	0.7604	0.2503	0.0460	0.0057	0.0005	0.0000	0.0000	0.0000	0.0000	0.0000
4	1.0000	0.9999	0.8964	0.4312	0.1121	0.0185	0.0021	0.0002	0.0000	0.0000	0.0000	0.0000
5	1.0000	1.0000	0.9622	0.6161	0.2194	0.0480	0.0070	0.0007	0.0001	0.0000	0.0000	0.0000
6	1.0000	1.0000	0.9882	0.7702	0.3613	0.1034	0.0194	0.0025	0.0002	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.9968	0.8779	0.5188	0.1904	0.0453	0.0073	0.0008	0.0001	0.0000	0.0000
8	1.0000	1.0000	0.9992	0.9421	0.6681	0.3073	0.0916	0.0183	0.0025	0.0002	0.0000	0.0000
9	1.0000	1.0000	0.9998	0.9755	0.7911	0.4437	0.1637	0.0402	0.0067	0.0008	0.0001	0.0000
10	1.0000	1.0000	1.0000	0.9906	0.8801	0.5836	0.2622	0.0789	0.0160	0.0022	0.0002	0.0000
11	1.0000	1.0000	1.0000	0.9968	0.9372	0.7107	0.3816	0.1390	0.0342	0.0057	0.0006	0.0000
12	1.0000	1.0000	1.0000	0.9990	0.9699	0.8139	0.5110	0.2229	0.0661	0.0133	0.0018	0.0002
13	1.0000	1.0000	1.0000	0.9997	0.9868	0.8894	0.6370	0.3279	0.1163	0.0280	0.0045	0.0005
14	1.0000	1.0000	1.0000	0.9999	0.9947	0.9393	0.7481	0.4468	0.1878	0.0540	0.0104	0.0013
15	1.0000	1.0000	1.0000	1.0000	0.9981	0.9692	0.8369	0.5692	0.2801	0.0955	0.0220	0.0033
16	1.0000	1.0000	1.0000	1.0000	0.9993	0.9856	0.9017	0.6839	0.3889	0.1561	0.0427	0.0077
17	1.0000	1.0000	1.0000	1.0000	0.9998	0.9937	0.9449	0.7822	0.5060	0.2369	0.0765	0.0164
18	1.0000	1.0000	1.0000	1.0000	0.9999	0.9975	0.9713	0.8594	0.6216	0.3356	0.1273	0.0325
19	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9861	0.9152	0.7264	0.4465	0.1974	0.0595
20	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9937	0.9522	0.8139	0.5610	0.2862	0.1013
21	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9974	0.9749	0.8813	0.6701	0.3900	0.1611
22	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9990	0.9877	0.9290	0.7660	0.5019	0.2399
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9944	0.9604	0.8438	0.6134	0.3359
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9976	0.9793	0.9022	0.7160	0.4439
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9900	0.9427	0.8034	0.5561
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9955	0.9686	0.8721	0.6641
27	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9981	0.9840	0.9220	0.7601
28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9924	0.9556	0.8389
29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9966	0.9765	0.8987
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9986	0.9884	0.9405
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9947	0.9675
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9978	0.9836
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9991	0.9923
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9967
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9987
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998

Loi binomiale $\mathcal{B}(n, p)$

n=53

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.7667	0.5870	0.0660	0.0038	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9709	0.9013	0.2500	0.0259	0.0019	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9976	0.9838	0.5018	0.0898	0.0097	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9998	0.9980	0.7271	0.2105	0.0331	0.0034	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
4	1.0000	0.9998	0.8754	0.3782	0.0846	0.0118	0.0011	0.0001	0.0000	0.0000	0.0000	0.0000
5	1.0000	1.0000	0.9518	0.5608	0.1738	0.0322	0.0039	0.0003	0.0000	0.0000	0.0000	0.0000
6	1.0000	1.0000	0.9840	0.7231	0.2998	0.0732	0.0115	0.0012	0.0001	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.9954	0.8442	0.4490	0.1420	0.0283	0.0037	0.0003	0.0000	0.0000	0.0000
8	1.0000	1.0000	0.9988	0.9215	0.6004	0.2408	0.0606	0.0100	0.0011	0.0001	0.0000	0.0000
9	1.0000	1.0000	0.9997	0.9645	0.7340	0.3643	0.1144	0.0233	0.0031	0.0003	0.0000	0.0000
10	1.0000	1.0000	0.9999	0.9855	0.8378	0.5002	0.1933	0.0484	0.0080	0.0009	0.0001	0.0000
11	1.0000	1.0000	1.0000	0.9947	0.9093	0.6330	0.2961	0.0906	0.0182	0.0024	0.0002	0.0000
12	1.0000	1.0000	1.0000	0.9982	0.9535	0.7492	0.4160	0.1537	0.0375	0.0060	0.0006	0.0000
13	1.0000	1.0000	1.0000	0.9995	0.9781	0.8408	0.5421	0.2392	0.0701	0.0135	0.0017	0.0001
14	1.0000	1.0000	1.0000	0.9998	0.9905	0.9063	0.6622	0.3437	0.1204	0.0279	0.0042	0.0004
15	1.0000	1.0000	1.0000	1.0000	0.9962	0.9488	0.7662	0.4603	0.1909	0.0528	0.0096	0.0011
16	1.0000	1.0000	1.0000	1.0000	0.9986	0.9741	0.8486	0.5789	0.2809	0.0923	0.0199	0.0027
17	1.0000	1.0000	1.0000	1.0000	0.9995	0.9878	0.9084	0.6895	0.3864	0.1496	0.0384	0.0063
18	1.0000	1.0000	1.0000	1.0000	0.9999	0.9947	0.9483	0.7844	0.5001	0.2259	0.0687	0.0135
19	1.0000	1.0000	1.0000	1.0000	1.0000	0.9978	0.9727	0.8592	0.6128	0.3196	0.1143	0.0267
20	1.0000	1.0000	1.0000	1.0000	1.0000	0.9992	0.9866	0.9138	0.7160	0.4259	0.1777	0.0492
21	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9938	0.9505	0.8033	0.5372	0.2593	0.0845
22	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9974	0.9734	0.8717	0.6451	0.3564	0.1358
23	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9990	0.9866	0.9213	0.7421	0.4634	0.2051
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9937	0.9547	0.8229	0.5729	0.2916
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9972	0.9756	0.8854	0.6768	0.3919
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9989	0.9877	0.9303	0.7683	0.5000
27	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9942	0.9602	0.8432	0.6081
28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9974	0.9787	0.9001	0.7084
29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9989	0.9894	0.9403	0.7949
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9950	0.9665	0.8642
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9978	0.9825	0.9155
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9914	0.9508
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9961	0.9733
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9984	0.9865
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9937
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9973
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9989
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n, p)$

n=60

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.7403	0.5472	0.0461	0.0018	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9635	0.8788	0.1916	0.0138	0.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9965	0.9776	0.4174	0.0530	0.0039	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9998	0.9969	0.6473	0.1374	0.0148	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	1.0000	0.9997	0.8197	0.2710	0.0424	0.0039	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
5	1.0000	1.0000	0.9213	0.4372	0.0968	0.0121	0.0010	0.0001	0.0000	0.0000	0.0000	0.0000
6	1.0000	1.0000	0.9703	0.6065	0.1848	0.0308	0.0031	0.0002	0.0000	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.9902	0.7516	0.3047	0.0670	0.0088	0.0007	0.0000	0.0000	0.0000	0.0000
8	1.0000	1.0000	0.9972	0.8584	0.4448	0.1268	0.0212	0.0022	0.0001	0.0000	0.0000	0.0000
9	1.0000	1.0000	0.9993	0.9269	0.5877	0.2132	0.0452	0.0059	0.0005	0.0000	0.0000	0.0000
10	1.0000	1.0000	0.9998	0.9658	0.7163	0.3234	0.0859	0.0139	0.0014	0.0001	0.0000	0.0000
11	1.0000	1.0000	1.0000	0.9854	0.8194	0.4486	0.1476	0.0295	0.0037	0.0003	0.0000	0.0000
12	1.0000	1.0000	1.0000	0.9943	0.8938	0.5764	0.2316	0.0568	0.0086	0.0008	0.0000	0.0000
13	1.0000	1.0000	1.0000	0.9980	0.9422	0.6944	0.3349	0.1000	0.0184	0.0021	0.0001	0.0000
14	1.0000	1.0000	1.0000	0.9993	0.9709	0.7935	0.4506	0.1621	0.0362	0.0050	0.0004	0.0000
15	1.0000	1.0000	1.0000	0.9998	0.9864	0.8694	0.5688	0.2438	0.0656	0.0109	0.0011	0.0001
16	1.0000	1.0000	1.0000	0.9999	0.9941	0.9228	0.6796	0.3422	0.1101	0.0221	0.0027	0.0002
17	1.0000	1.0000	1.0000	1.0000	0.9976	0.9573	0.7753	0.4514	0.1721	0.0413	0.0061	0.0005
18	1.0000	1.0000	1.0000	1.0000	0.9991	0.9779	0.8514	0.5632	0.2518	0.0719	0.0127	0.0013
19	1.0000	1.0000	1.0000	1.0000	0.9997	0.9893	0.9075	0.6692	0.3468	0.1170	0.0246	0.0031
20	1.0000	1.0000	1.0000	1.0000	0.9999	0.9952	0.9459	0.7622	0.4516	0.1786	0.0446	0.0067
21	1.0000	1.0000	1.0000	1.0000	1.0000	0.9980	0.9702	0.8382	0.5590	0.2568	0.0758	0.0137
22	1.0000	1.0000	1.0000	1.0000	1.0000	0.9992	0.9846	0.8959	0.6616	0.3493	0.1210	0.0259
23	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9925	0.9368	0.7529	0.4511	0.1821	0.0462
24	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9966	0.9638	0.8286	0.5558	0.2592	0.0775
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9985	0.9804	0.8874	0.6563	0.3501	0.1225
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9900	0.9300	0.7464	0.4502	0.1831
27	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9952	0.9588	0.8221	0.5532	0.2595
28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9978	0.9772	0.8816	0.6526	0.3494
29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9881	0.9254	0.7424	0.4487
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9941	0.9555	0.8183	0.5513
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9973	0.9750	0.8784	0.6506
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9988	0.9867	0.9229	0.7405
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9934	0.9538	0.8169
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9969	0.9739	0.8775
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9986	0.9861	0.9225
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9931	0.9538
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9967	0.9741
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9986	0.9863
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9933
40	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9969
41	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9987
42	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995
43	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998
44	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n, p)$

n=70

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.7041	0.4948	0.0276	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9517	0.8447	0.1292	0.0055	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9947	0.9667	0.3137	0.0242	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9996	0.9946	0.5339	0.0712	0.0045	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	1.0000	0.9993	0.7279	0.1588	0.0147	0.0008	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	1.0000	0.9999	0.8628	0.2872	0.0384	0.0027	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
6	1.0000	1.0000	0.9396	0.4418	0.0838	0.0080	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.9766	0.5989	0.1570	0.0200	0.0014	0.0001	0.0000	0.0000	0.0000	0.0000
8	1.0000	1.0000	0.9920	0.7363	0.2588	0.0437	0.0040	0.0002	0.0000	0.0000	0.0000	0.0000
9	1.0000	1.0000	0.9975	0.8414	0.3826	0.0845	0.0099	0.0007	0.0000	0.0000	0.0000	0.0000
10	1.0000	1.0000	0.9993	0.9127	0.5158	0.1468	0.0220	0.0019	0.0001	0.0000	0.0000	0.0000
11	1.0000	1.0000	0.9998	0.9559	0.6440	0.2317	0.0439	0.0046	0.0003	0.0000	0.0000	0.0000
12	1.0000	1.0000	1.0000	0.9795	0.7552	0.3360	0.0799	0.0105	0.0008	0.0000	0.0000	0.0000
13	1.0000	1.0000	1.0000	0.9912	0.8428	0.4524	0.1334	0.0217	0.0020	0.0001	0.0000	0.0000
14	1.0000	1.0000	1.0000	0.9965	0.9058	0.5709	0.2059	0.0413	0.0047	0.0003	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.9987	0.9472	0.6814	0.2962	0.0726	0.0100	0.0008	0.0000	0.0000
16	1.0000	1.0000	1.0000	0.9996	0.9724	0.7765	0.3997	0.1187	0.0200	0.0019	0.0001	0.0000
17	1.0000	1.0000	1.0000	0.9999	0.9865	0.8519	0.5093	0.1814	0.0369	0.0043	0.0003	0.0000
18	1.0000	1.0000	1.0000	1.0000	0.9938	0.9075	0.6168	0.2606	0.0639	0.0089	0.0007	0.0000
19	1.0000	1.0000	1.0000	1.0000	0.9973	0.9455	0.7149	0.3535	0.1035	0.0174	0.0016	0.0001
20	1.0000	1.0000	1.0000	1.0000	0.9989	0.9697	0.7983	0.4550	0.1580	0.0318	0.0036	0.0002
21	1.0000	1.0000	1.0000	1.0000	0.9996	0.9841	0.8644	0.5586	0.2279	0.0546	0.0074	0.0005
22	1.0000	1.0000	1.0000	1.0000	0.9999	0.9921	0.9136	0.6575	0.3116	0.0885	0.0143	0.0013
23	1.0000	1.0000	1.0000	1.0000	1.0000	0.9963	0.9477	0.7459	0.4058	0.1357	0.0262	0.0028
24	1.0000	1.0000	1.0000	1.0000	1.0000	0.9984	0.9701	0.8201	0.5050	0.1973	0.0452	0.0058
25	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9837	0.8787	0.6034	0.2728	0.0738	0.0112
26	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9916	0.9221	0.6950	0.3600	0.1144	0.0207
27	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9959	0.9524	0.7755	0.4547	0.1684	0.0361
28	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9981	0.9724	0.8420	0.5517	0.2363	0.0598
29	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9992	0.9848	0.8938	0.6453	0.3167	0.0941
30	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9920	0.9320	0.7306	0.4066	0.1410
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9960	0.9585	0.8040	0.5016	0.2015
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9981	0.9759	0.8636	0.5963	0.2752
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9992	0.9867	0.9094	0.6855	0.3601
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9930	0.9426	0.7649	0.4525
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9965	0.9653	0.8318	0.5475
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9984	0.9801	0.8850	0.6399
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9891	0.9249	0.7248
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9944	0.9533	0.7985
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9972	0.9724	0.8590
40	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9987	0.9845	0.9059
41	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9917	0.9402
42	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9958	0.9639
43	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9980	0.9793
44	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9888
45	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9942
46	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9972
47	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9987
48	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995
49	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998
50	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n, p)$

n=80

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.6696	0.4475	0.0165	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9389	0.8092	0.0861	0.0022	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9923	0.9534	0.2306	0.0107	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9993	0.9913	0.4284	0.0353	0.0013	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.9999	0.9987	0.6289	0.0880	0.0047	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	1.0000	0.9998	0.7892	0.1769	0.0140	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	1.0000	1.0000	0.8947	0.3005	0.0345	0.0018	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.9534	0.4456	0.0727	0.0053	0.0002	0.0000	0.0000	0.0000	0.0000	0.0000
8	1.0000	1.0000	0.9816	0.5927	0.1342	0.0131	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000
9	1.0000	1.0000	0.9935	0.7234	0.2211	0.0287	0.0018	0.0001	0.0000	0.0000	0.0000	0.0000
10	1.0000	1.0000	0.9979	0.8266	0.3300	0.0565	0.0047	0.0002	0.0000	0.0000	0.0000	0.0000
11	1.0000	1.0000	0.9994	0.8996	0.4522	0.1006	0.0106	0.0006	0.0000	0.0000	0.0000	0.0000
12	1.0000	1.0000	0.9998	0.9462	0.5762	0.1640	0.0221	0.0015	0.0001	0.0000	0.0000	0.0000
13	1.0000	1.0000	1.0000	0.9733	0.6907	0.2470	0.0421	0.0036	0.0002	0.0000	0.0000	0.0000
14	1.0000	1.0000	1.0000	0.9877	0.7874	0.3463	0.0740	0.0079	0.0004	0.0000	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.9947	0.8625	0.4555	0.1208	0.0161	0.0011	0.0000	0.0000	0.0000
16	1.0000	1.0000	1.0000	0.9979	0.9163	0.5664	0.1841	0.0302	0.0026	0.0001	0.0000	0.0000
17	1.0000	1.0000	1.0000	0.9992	0.9520	0.6708	0.2636	0.0531	0.0055	0.0003	0.0000	0.0000
18	1.0000	1.0000	1.0000	0.9997	0.9741	0.7621	0.3563	0.0873	0.0111	0.0007	0.0000	0.0000
19	1.0000	1.0000	1.0000	0.9999	0.9868	0.8366	0.4572	0.1352	0.0208	0.0017	0.0001	0.0000
20	1.0000	1.0000	1.0000	1.0000	0.9937	0.8934	0.5597	0.1978	0.0368	0.0036	0.0002	0.0000
21	1.0000	1.0000	1.0000	1.0000	0.9971	0.9340	0.6574	0.2745	0.0615	0.0072	0.0004	0.0000
22	1.0000	1.0000	1.0000	1.0000	0.9988	0.9612	0.7447	0.3627	0.0971	0.0136	0.0010	0.0000
23	1.0000	1.0000	1.0000	1.0000	0.9995	0.9783	0.8181	0.4579	0.1454	0.0245	0.0021	0.0001
24	1.0000	1.0000	1.0000	1.0000	0.9998	0.9885	0.8761	0.5549	0.2072	0.0417	0.0044	0.0002
25	1.0000	1.0000	1.0000	1.0000	0.9999	0.9942	0.9195	0.6479	0.2817	0.0675	0.0084	0.0005
26	1.0000	1.0000	1.0000	1.0000	1.0000	0.9972	0.9501	0.7323	0.3666	0.1037	0.0155	0.0012
27	1.0000	1.0000	1.0000	1.0000	1.0000	0.9987	0.9705	0.8046	0.4580	0.1521	0.0271	0.0024
28	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9834	0.8633	0.5512	0.2131	0.0449	0.0048
29	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9911	0.9084	0.6412	0.2861	0.0712	0.0092
30	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9954	0.9413	0.7235	0.3687	0.1077	0.0165
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9978	0.9640	0.7951	0.4576	0.1559	0.0283
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9990	0.9789	0.8540	0.5484	0.2163	0.0465
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9882	0.9002	0.6364	0.2881	0.0728
34	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9937	0.9346	0.7175	0.3694	0.1093
35	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9968	0.9589	0.7885	0.4568	0.1572
36	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9984	0.9753	0.8477	0.5462	0.2170
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9858	0.8947	0.6331	0.2882
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9922	0.9301	0.7136	0.3688
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9959	0.9555	0.7846	0.4555
40	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9979	0.9729	0.8441	0.5445
41	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9990	0.9842	0.8915	0.6312
42	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9912	0.9276	0.7118
43	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9953	0.9537	0.7830
44	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9976	0.9716	0.8428
45	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9988	0.9834	0.8907
46	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9907	0.9272
47	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9950	0.9535
48	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9975	0.9717
49	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9988	0.9835
50	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9994	0.9908
51	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9952
52	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9976
53	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9988
54	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995
55	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998
56	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi binomiale $\mathcal{B}(n,\, p)$

n=100

$i \setminus p$	0.005	0.010	0.050	0.100	0.150	0.200	0.250	0.300	0.350	0.400	0.450	0.500
0	0.6058	0.3660	0.0059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.9102	0.7358	0.0371	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.9859	0.9206	0.1183	0.0019	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
3	0.9983	0.9816	0.2578	0.0078	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	0.9998	0.9966	0.4360	0.0237	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5	1.0000	0.9995	0.6160	0.0576	0.0016	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	1.0000	0.9999	0.7660	0.1172	0.0047	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
7	1.0000	1.0000	0.8720	0.2061	0.0122	0.0003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
8	1.0000	1.0000	0.9369	0.3209	0.0275	0.0009	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	1.0000	1.0000	0.9718	0.4513	0.0551	0.0023	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	1.0000	1.0000	0.9885	0.5832	0.0994	0.0057	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000
11	1.0000	1.0000	0.9957	0.7030	0.1635	0.0126	0.0004	0.0000	0.0000	0.0000	0.0000	0.0000
12	1.0000	1.0000	0.9985	0.8018	0.2473	0.0253	0.0010	0.0000	0.0000	0.0000	0.0000	0.0000
13	1.0000	1.0000	0.9995	0.8761	0.3474	0.0469	0.0025	0.0001	0.0000	0.0000	0.0000	0.0000
14	1.0000	1.0000	0.9999	0.9274	0.4572	0.0804	0.0054	0.0002	0.0000	0.0000	0.0000	0.0000
15	1.0000	1.0000	1.0000	0.9601	0.5683	0.1285	0.0111	0.0004	0.0000	0.0000	0.0000	0.0000
16	1.0000	1.0000	1.0000	0.9794	0.6725	0.1923	0.0211	0.0010	0.0000	0.0000	0.0000	0.0000
17	1.0000	1.0000	1.0000	0.9900	0.7633	0.2712	0.0376	0.0022	0.0001	0.0000	0.0000	0.0000
18	1.0000	1.0000	1.0000	0.9954	0.8372	0.3621	0.0630	0.0045	0.0001	0.0000	0.0000	0.0000
19	1.0000	1.0000	1.0000	0.9980	0.8935	0.4602	0.0995	0.0089	0.0003	0.0000	0.0000	0.0000
20	1.0000	1.0000	1.0000	0.9992	0.9337	0.5595	0.1488	0.0165	0.0008	0.0000	0.0000	0.0000
21	1.0000	1.0000	1.0000	0.9997	0.9607	0.6540	0.2114	0.0288	0.0017	0.0000	0.0000	0.0000
22	1.0000	1.0000	1.0000	0.9999	0.9779	0.7389	0.2864	0.0479	0.0034	0.0001	0.0000	0.0000
23	1.0000	1.0000	1.0000	1.0000	0.9881	0.8109	0.3711	0.0755	0.0066	0.0003	0.0000	0.0000
24	1.0000	1.0000	1.0000	1.0000	0.9939	0.8686	0.4617	0.1136	0.0121	0.0006	0.0000	0.0000
25	1.0000	1.0000	1.0000	1.0000	0.9970	0.9125	0.5535	0.1631	0.0211	0.0012	0.0000	0.0000
26	1.0000	1.0000	1.0000	1.0000	0.9986	0.9442	0.6417	0.2244	0.0351	0.0024	0.0001	0.0000
27	1.0000	1.0000	1.0000	1.0000	0.9994	0.9658	0.7224	0.2964	0.0558	0.0046	0.0002	0.0000
28	1.0000	1.0000	1.0000	1.0000	0.9997	0.9800	0.7925	0.3768	0.0848	0.0084	0.0004	0.0000
29	1.0000	1.0000	1.0000	1.0000	0.9999	0.9888	0.8505	0.4623	0.1236	0.0148	0.0008	0.0000
30	1.0000	1.0000	1.0000	1.0000	1.0000	0.9939	0.8962	0.5491	0.1730	0.0248	0.0015	0.0000
31	1.0000	1.0000	1.0000	1.0000	1.0000	0.9969	0.9307	0.6331	0.2331	0.0398	0.0030	0.0001
32	1.0000	1.0000	1.0000	1.0000	1.0000	0.9984	0.9554	0.7107	0.3029	0.0615	0.0055	0.0002
33	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9724	0.7793	0.3803	0.0913	0.0098	0.0004
34	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9836	0.8371	0.4624	0.1303	0.0166	0.0009
35	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9906	0.8839	0.5458	0.1795	0.0272	0.0018
36	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9948	0.9201	0.6269	0.2386	0.0429	0.0033
37	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9973	0.9470	0.7024	0.3068	0.0651	0.0060
38	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9986	0.9660	0.7699	0.3822	0.0951	0.0105
39	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9790	0.8276	0.4621	0.1343	0.0176
40	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9875	0.8750	0.5433	0.1831	0.0284
41	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9928	0.9123	0.6225	0.2415	0.0443
42	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9960	0.9406	0.6967	0.3087	0.0666
43	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9979	0.9611	0.7635	0.3828	0.0967
44	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9989	0.9754	0.8211	0.4613	0.1356
45	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9850	0.8689	0.5413	0.1841
46	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9997	0.9912	0.9070	0.6196	0.2421
47	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9950	0.9362	0.6931	0.3086
48	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9973	0.9577	0.7596	0.3822
49	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9985	0.9729	0.8173	0.4602
50	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9993	0.9832	0.8654	0.5398
51	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9900	0.9040	0.6178
52	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9942	0.9338	0.6914
53	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9968	0.9559	0.7579
54	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9983	0.9716	0.8159
55	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9824	0.8644
56	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996	0.9894	0.9033
57	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9939	0.9334
58	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9966	0.9557
59	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9982	0.9716
60	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991	0.9824
61	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9995	0.9895
62	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998	0.9940
63	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9967
64	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9982
65	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9991
66	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9996
67	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9998
68	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

2 Loi de Poisson $\mathcal{P}(\lambda)$

$$F(i) = P(X \leq i) = \sum_{k=0}^{i} e^{-\lambda} \frac{\lambda^k}{k!}$$

$i \setminus \lambda$	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
0	0.9048	0.8187	0.7408	0.6703	0.6065	0.5488	0.4966	0.4493	0.4066	0.3679
1	0.9953	0.9825	0.9631	0.9384	0.9098	0.8781	0.8442	0.8088	0.7725	0.7358
2	0.9998	0.9989	0.9964	0.9921	0.9856	0.9769	0.9659	0.9526	0.9371	0.9197
3	1.0000	0.9999	0.9997	0.9992	0.9982	0.9966	0.9942	0.9909	0.9865	0.9810
4	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996	0.9992	0.9986	0.9977	0.9963
5	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9997	0.9994
6	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

$i \setminus \lambda$	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5
0	0.1353	0.0821	0.0498	0.0302	0.0183	0.0111	0.0067	0.0041	0.0025	0.0015
1	0.4060	0.2873	0.1991	0.1359	0.0916	0.0611	0.0404	0.0266	0.0174	0.0113
2	0.6767	0.5438	0.4232	0.3208	0.2381	0.1736	0.1247	0.0884	0.0620	0.0430
3	0.8571	0.7576	0.6472	0.5366	0.4335	0.3423	0.2650	0.2017	0.1512	0.1118
4	0.9473	0.8912	0.8153	0.7254	0.6288	0.5321	0.4405	0.3575	0.2851	0.2237
5	0.9834	0.9580	0.9161	0.8576	0.7851	0.7029	0.6160	0.5289	0.4457	0.3690
6	0.9955	0.9858	0.9665	0.9347	0.8893	0.8311	0.7622	0.6860	0.6063	0.5265
7	0.9989	0.9958	0.9881	0.9733	0.9489	0.9134	0.8666	0.8095	0.7440	0.6728
8	0.9998	0.9989	0.9962	0.9901	0.9786	0.9597	0.9319	0.8944	0.8472	0.7916
9	1.0000	0.9997	0.9989	0.9967	0.9919	0.9829	0.9682	0.9462	0.9161	0.8774
10	1.0000	0.9999	0.9997	0.9990	0.9972	0.9933	0.9863	0.9747	0.9574	0.9332
11	1.0000	1.0000	0.9999	0.9997	0.9991	0.9976	0.9945	0.9890	0.9799	0.9661
12	1.0000	1.0000	1.0000	0.9999	0.9997	0.9992	0.9980	0.9955	0.9912	0.9840
13	1.0000	1.0000	1.0000	1.0000	0.9999	0.9997	0.9993	0.9983	0.9964	0.9929
14	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9994	0.9986	0.9970
15	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9995	0.9988
16	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996
17	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
18	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

$i \setminus \lambda$	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5
0	0.0009	0.0006	0.0003	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000
1	0.0073	0.0047	0.0030	0.0019	0.0012	0.0008	0.0005	0.0003	0.0002	0.0001
2	0.0296	0.0203	0.0138	0.0093	0.0062	0.0042	0.0028	0.0018	0.0012	0.0008
3	0.0818	0.0591	0.0424	0.0301	0.0212	0.0149	0.0103	0.0071	0.0049	0.0034
4	0.1730	0.1321	0.0996	0.0744	0.0550	0.0403	0.0293	0.0211	0.0151	0.0107
5	0.3007	0.2414	0.1912	0.1496	0.1157	0.0885	0.0671	0.0504	0.0375	0.0277
6	0.4497	0.3782	0.3134	0.2562	0.2068	0.1649	0.1301	0.1016	0.0786	0.0603
7	0.5987	0.5246	0.4530	0.3856	0.3239	0.2687	0.2202	0.1785	0.1432	0.1137
8	0.7291	0.6620	0.5925	0.5231	0.4557	0.3918	0.3328	0.2794	0.2320	0.1906
9	0.8305	0.7764	0.7166	0.6530	0.5874	0.5218	0.4579	0.3971	0.3405	0.2888
10	0.9015	0.8622	0.8159	0.7634	0.7060	0.6453	0.5830	0.5207	0.4599	0.4017
11	0.9467	0.9208	0.8881	0.8487	0.8030	0.7520	0.6968	0.6387	0.5793	0.5198
12	0.9730	0.9573	0.9362	0.9091	0.8758	0.8364	0.7916	0.7420	0.6887	0.6329
13	0.9872	0.9784	0.9658	0.9486	0.9261	0.8981	0.8645	0.8253	0.7813	0.7330
14	0.9943	0.9897	0.9827	0.9726	0.9585	0.9400	0.9165	0.8879	0.8540	0.8153
15	0.9976	0.9954	0.9918	0.9862	0.9780	0.9665	0.9513	0.9317	0.9074	0.8783
16	0.9990	0.9980	0.9963	0.9934	0.9889	0.9823	0.9730	0.9604	0.9441	0.9236
17	0.9996	0.9992	0.9984	0.9970	0.9947	0.9911	0.9857	0.9781	0.9678	0.9542
18	0.9999	0.9997	0.9993	0.9987	0.9976	0.9957	0.9928	0.9885	0.9823	0.9738
19	1.0000	0.9999	0.9997	0.9995	0.9989	0.9980	0.9965	0.9942	0.9907	0.9857
20	1.0000	1.0000	0.9999	0.9998	0.9996	0.9991	0.9984	0.9972	0.9953	0.9925
21	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996	0.9993	0.9987	0.9977	0.9962
22	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9997	0.9994	0.9990	0.9982
23	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9995	0.9992
24	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9996
25	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998
26	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999

Loi de Poisson $\mathcal{P}(\lambda)$

$i \setminus \lambda$	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5
0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
1	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
2	0.0005	0.0003	0.0002	0.0001	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000
3	0.0023	0.0016	0.0011	0.0007	0.0005	0.0003	0.0002	0.0001	0.0001	0.0001
4	0.0076	0.0053	0.0037	0.0026	0.0018	0.0012	0.0009	0.0006	0.0004	0.0003
5	0.0203	0.0148	0.0107	0.0077	0.0055	0.0039	0.0028	0.0020	0.0014	0.0010
6	0.0458	0.0346	0.0259	0.0193	0.0142	0.0105	0.0076	0.0055	0.0040	0.0029
7	0.0895	0.0698	0.0540	0.0415	0.0316	0.0239	0.0180	0.0135	0.0100	0.0074
8	0.1550	0.1249	0.0998	0.0790	0.0621	0.0484	0.0374	0.0288	0.0220	0.0167
9	0.2424	0.2014	0.1658	0.1353	0.1094	0.0878	0.0699	0.0552	0.0433	0.0337
10	0.3472	0.2971	0.2517	0.2112	0.1757	0.1449	0.1185	0.0961	0.0774	0.0619
11	0.4616	0.4058	0.3532	0.3045	0.2600	0.2201	0.1848	0.1538	0.1270	0.1041
12	0.5760	0.5190	0.4631	0.4093	0.3585	0.3111	0.2676	0.2283	0.1931	0.1621
13	0.6815	0.6278	0.5730	0.5182	0.4644	0.4125	0.3632	0.3171	0.2745	0.2357
14	0.7720	0.7250	0.6751	0.6233	0.5704	0.5176	0.4657	0.4154	0.3675	0.3225
15	0.8444	0.8060	0.7636	0.7178	0.6694	0.6192	0.5681	0.5170	0.4667	0.4180
16	0.8987	0.8693	0.8355	0.7975	0.7559	0.7112	0.6641	0.6154	0.5660	0.5165
17	0.9370	0.9158	0.8905	0.8609	0.8272	0.7897	0.7489	0.7052	0.6593	0.6120
18	0.9626	0.9481	0.9302	0.9084	0.8826	0.8530	0.8195	0.7825	0.7423	0.6996
19	0.9787	0.9694	0.9573	0.9421	0.9235	0.9012	0.8752	0.8455	0.8122	0.7757
20	0.9884	0.9827	0.9750	0.9649	0.9521	0.9362	0.9170	0.8944	0.8682	0.8385
21	0.9939	0.9906	0.9859	0.9796	0.9712	0.9604	0.9469	0.9304	0.9108	0.8878
22	0.9970	0.9951	0.9924	0.9885	0.9833	0.9763	0.9673	0.9558	0.9418	0.9248
23	0.9985	0.9975	0.9960	0.9938	0.9907	0.9863	0.9805	0.9730	0.9633	0.9513
24	0.9993	0.9988	0.9980	0.9968	0.9950	0.9924	0.9888	0.9840	0.9777	0.9696
25	0.9997	0.9994	0.9990	0.9984	0.9974	0.9959	0.9938	0.9909	0.9869	0.9816
26	0.9999	0.9997	0.9995	0.9992	0.9987	0.9979	0.9967	0.9950	0.9925	0.9892
27	0.9999	0.9999	0.9998	0.9996	0.9994	0.9989	0.9983	0.9973	0.9959	0.9939
28	1.0000	1.0000	0.9999	0.9998	0.9997	0.9995	0.9991	0.9986	0.9978	0.9967
29	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9996	0.9993	0.9989	0.9982
30	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998	0.9997	0.9994	0.9991
31	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9998	0.9997	0.9995
32	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999	0.9998
33	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.9999	0.9999

3 Loi normale centrée réduite $\mathcal{N}(0,\,1)$

$$X \sim \mathcal{N}(0,\,1)$$

$$F(x) = P(X \leq x) = \int_{-\infty}^{x} \frac{e^{-\frac{t^2}{2}}}{\sqrt{2\pi}}\, dt$$

x	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.1	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.2	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.3	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.4	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.5	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.6	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.7	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.8	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.9	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.0	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.1	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.2	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.3	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.4	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.5	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.6	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.7	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.8	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.9	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.0	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.1	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.2	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.3	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.4	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.5	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.6	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.7	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.8	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.9	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.0	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.1	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.2	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.3	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.4	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998
3.5	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998
3.6	0.9998	0.9998	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.7	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.8	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999	0.9999
3.9	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000