

DISTRIBUTION BINOMIALE (Fonction de répartition)

$$F_{B(n,p)}(r) = \sum_{i=0}^r \binom{n}{i} p^i (1-p)^{n-i}$$

		p	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.1667	.3333
n	r													
2	0		.9025	.8100	.7225	.6400	.5625	.4900	.4225	.3600	.3025	.2500	.6944	.4444
	1		.9975	.9900	.9775	.9600	.9375	.9100	.8775	.8400	.7975	.7500	.9722	.8889
	2		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
3	0		.8574	.7290	.6141	.5120	.4219	.3430	.2746	.2160	.1664	.1250	.5787	.2963
	1		.9928	.9720	.9393	.8960	.8438	.7840	.7183	.6480	.5748	.5000	.9259	.7407
	2		.9999	.9990	.9966	.9920	.9844	.9730	.9571	.9360	.9089	.8750	.9954	.9630
	3		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
4	0		.8145	.6561	.5220	.4096	.3164	.2401	.1785	.1296	.0915	.0625	.4823	.1975
	1		.9860	.9477	.8905	.8192	.7383	.6517	.5630	.4752	.3910	.3125	.8681	.5926
	2		.9995	.9963	.9880	.9728	.9492	.9163	.8735	.8208	.7585	.6875	.9838	.8889
	3		1.0000	.9999	.9995	.9984	.9961	.9919	.9850	.9744	.9590	.9375	.9992	.9877
	4		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
5	0		.7738	.5905	.4437	.3277	.2373	.1681	.1160	.0778	.0503	.0313	.4019	.1317
	1		.9774	.9185	.8352	.7373	.6328	.5282	.4284	.3370	.2562	.1875	.8038	.4609
	2		.9988	.9914	.9734	.9421	.8965	.8369	.7648	.6826	.5931	.5000	.9645	.7901
	3		1.0000	.9995	.9978	.9933	.9844	.9692	.9460	.9130	.8688	.8125	.9967	.9547
	4		1.0000	1.0000	.9999	.9997	.9990	.9976	.9947	.9898	.9815	.9688	.9999	.9959
	5		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
6	0		.7351	.5314	.3771	.2621	.1780	.1176	.0754	.0467	.0277	.0156	.3349	.0878
	1		.9672	.8857	.7765	.6554	.5339	.4202	.3191	.2333	.1636	.1094	.7368	.3512
	2		.9978	.9842	.9527	.9011	.8306	.7443	.6471	.5443	.4415	.3438	.9377	.6804
	3		.9999	.9987	.9941	.9830	.9624	.9295	.8826	.8208	.7447	.6563	.9913	.8999
	4		1.0000	.9999	.9996	.9984	.9954	.9891	.9777	.9590	.9308	.8906	.9993	.9822
	5		1.0000	1.0000	1.0000	.9999	.9998	.9993	.9982	.9959	.9917	.9844	1.0000	.9986
	6		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
7	0		.6983	.4783	.3206	.2097	.1335	.0824	.0490	.0280	.0152	.0078	.2791	.0585
	1		.9556	.8503	.7166	.5767	.4449	.3294	.2338	.1586	.1024	.0625	.6698	.2634
	2		.9962	.9743	.9262	.8520	.7564	.6471	.5323	.4199	.3164	.2266	.9042	.5706
	3		.9998	.9973	.9879	.9667	.9294	.8740	.8002	.7102	.6083	.5000	.9824	.8267
	4		1.0000	.9998	.9988	.9953	.9871	.9712	.9444	.9037	.8471	.7734	.9980	.9547
	5		1.0000	1.0000	.9999	.9996	.9987	.9962	.9910	.9812	.9643	.9375	.9999	.9931
	6		1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9994	.9984	.9963	.9922	1.0000	.9995
	7		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
8	0		.6634	.4305	.2725	.1678	.1001	.0576	.0319	.0168	.0084	.0039	.2326	.0390
	1		.9428	.8131	.6572	.5033	.3671	.2553	.1691	.1064	.0632	.0352	.6047	.1951
	2		.9942	.9619	.8948	.7969	.6785	.5518	.4278	.3154	.2201	.1445	.8652	.4682
	3		.9996	.9950	.9786	.9437	.8862	.8059	.7064	.5941	.4770	.3633	.9693	.7414
	4		1.0000	.9996	.9971	.9896	.9727	.9420	.8939	.8263	.7396	.6367	.9954	.9121
	5		1.0000	1.0000	.9998	.9988	.9958	.9887	.9747	.9502	.9115	.8555	.9996	.9803
	6		1.0000	1.0000	1.0000	.9999	.9996	.9987	.9964	.9915	.9819	.9648	1.0000	.9974
	7		1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9998	.9993	.9983	.9961	1.0000	.9998
	8		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9	0		.6302	.3874	.2316	.1342	.0751	.0404	.0207	.0101	.0046	.0020	.1938	.0260
	1		.9288	.7748	.5995	.4362	.3003	.1960	.1211	.0705	.0385	.0195	.5427	.1431
	2		.9916	.9470	.8591	.7382	.6007	.4628	.3373	.2318	.1495	.0898	.8217	.3772
	3		.9994	.9917	.9661	.9144	.8343	.7297	.6089	.4826	.3614	.2539	.9520	.6503
	4		1.0000	.9991	.9944	.9804	.9511	.9012	.8283	.7334	.6214	.5000	.9910	.8552
	5		1.0000	.9999	.9994	.9969	.9900	.9747	.9464	.9006	.8342	.7461	.9989	.9576
	6		1.0000	1.0000	1.0000	.9997	.9987	.9957	.9888	.9750	.9502	.9102	.9999	.9917
	7		1.0000	1.0000	1.0000	1.0000	.9999	.9996	.9986	.9962	.9909	.9805	1.0000	.9990
	8		1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9992	.9980	1.0000	1.0000	.9999
	9		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000

$$F_{B(n,p)}(r) = \sum_{i=0}^r \binom{n}{i} p^i (1-p)^{n-i}$$

		p	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50	.1667	.3333
n	r													
10	0		.5987	.3487	.1969	.1074	.0563	.0282	.0135	.0060	.0025	.0010	.1615	.0173
	1		.9139	.7361	.5443	.3758	.2440	.1493	.0860	.0464	.0233	.0107	.4845	.1040
	2		.9885	.9298	.8202	.6778	.5256	.3828	.2616	.1673	.0996	.0547	.7752	.2991
	3		.9990	.9872	.9500	.8791	.7759	.6496	.5138	.3823	.2660	.1719	.9303	.5593
	4		.9999	.9984	.9901	.9672	.9219	.8497	.7515	.6331	.5044	.3770	.9845	.7869
	5		1.0000	.9999	.9986	.9936	.9803	.9527	.9051	.8338	.7384	.6230	.9976	.9234
	6		1.0000	1.0000	.9999	.9991	.9965	.9894	.9740	.9452	.8980	.8281	.9997	.9803
	7		1.0000	1.0000	1.0000	.9999	.9996	.9984	.9952	.9877	.9726	.9453	1.0000	.9966
	8		1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9983	.9955	.9893	1.0000	.9996
	9		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9990	1.0000	1.0000
10		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
15	0		.4633	.2059	.0874	.0352	.0134	.0047	.0016	.0005	.0001	.0000	.0649	.0023
	1		.8290	.5490	.3186	.1671	.0802	.0353	.0142	.0052	.0017	.0005	.2596	.0194
	2		.9638	.8159	.6042	.3980	.2361	.1268	.0617	.0271	.0107	.0037	.5322	.0794
	3		.9945	.9444	.8227	.6482	.4613	.2969	.1727	.0905	.0424	.0176	.7685	.2092
	4		.9994	.9873	.9383	.8358	.6865	.5155	.3519	.2173	.1204	.0592	.9102	.4041
	5		.9999	.9978	.9832	.9389	.8516	.7216	.5643	.4032	.2608	.1509	.9726	.6184
	6		1.0000	.9997	.9964	.9819	.9434	.8689	.7548	.6098	.4522	.3036	.9934	.7970
	7		1.0000	1.0000	.9994	.9958	.9827	.9500	.8868	.7869	.6535	.5000	.9987	.9118
	8		1.0000	1.0000	.9999	.9992	.9958	.9848	.9578	.9050	.8182	.6964	.9998	.9692
	9		1.0000	1.0000	1.0000	.9999	.9992	.9963	.9876	.9662	.9231	.8491	1.0000	.9915
	10		1.0000	1.0000	1.0000	1.0000	.9999	.9993	.9972	.9907	.9745	.9408	1.0000	.9982
	11		1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	.9981	.9937	.9824	1.0000	.9997
	12		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9997	.9989	.9963	1.0000	1.0000
	13		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9999	.9995	1.0000	1.0000
	14		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
15		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	
20	0		.3585	.1216	.0388	.0115	.0032	.0008	.0002	.0000	.0000	.0000	.0261	.0003
	1		.7358	.3917	.1756	.0692	.0243	.0076	.0021	.0005	.0001	.0000	.1304	.0033
	2		.9245	.6769	.4049	.2061	.0913	.0355	.0121	.0036	.0009	.0002	.3287	.0176
	3		.9841	.8670	.6477	.4114	.2252	.1071	.0444	.0160	.0049	.0013	.5665	.0604
	4		.9974	.9568	.8298	.6296	.4148	.2375	.1182	.0510	.0189	.0059	.7687	.1515
	5		.9997	.9887	.9327	.8042	.6172	.4164	.2454	.1256	.0553	.0207	.8982	.2972
	6		1.0000	.9976	.9781	.9133	.7858	.6080	.4166	.2500	.1299	.0577	.9629	.4793
	7		1.0000	.9996	.9941	.9679	.8982	.7723	.6010	.4159	.2520	.1316	.9887	.6615
	8		1.0000	.9999	.9987	.9900	.9591	.8867	.7624	.5956	.4143	.2517	.9972	.8095
	9		1.0000	1.0000	.9998	.9974	.9861	.9520	.8782	.7553	.5914	.4119	.9994	.9081
	10		1.0000	1.0000	1.0000	.9994	.9961	.9829	.9468	.8725	.7507	.5881	.9999	.9624
	11		1.0000	1.0000	1.0000	.9999	.9991	.9949	.9804	.9435	.8692	.7483	1.0000	.9870
	12		1.0000	1.0000	1.0000	1.0000	.9998	.9987	.9940	.9790	.9420	.8684	1.0000	.9963
	13		1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9985	.9935	.9786	.9423	1.0000	.9991
	14		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9984	.9936	.9793	1.0000	.9998
	15		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9985	.9941	1.0000	1.0000
	16		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9997	.9987	1.0000	1.0000
	17		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	.9998	1.0000	1.0000
	18		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
	19		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
20		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	