





Table A.1 Binomial Probability Table

Table A.1 (continued) Binomial Probability Sums  $\sum_{x=0}^r b(x; n, p)$

n	r	p									
		0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.80	0.90
8	0	0.4305	0.1678	0.1001	0.0576	0.0168	0.0039	0.0007	0.0001	0.0000	
	1	0.8131	0.5033	0.3671	0.2553	0.1064	0.0352	0.0085	0.0013	0.0001	
	2	0.9619	0.7969	0.6785	0.5518	0.3154	0.1445	0.0498	0.0113	0.0012	0.0000
	3	0.9950	0.9437	0.8862	0.8059	0.5941	0.3633	0.1737	0.0580	0.0104	0.0004
	4	0.9996	0.9896	0.9727	0.9420	0.8263	0.6367	0.4059	0.1941	0.0563	0.0050
	5	1.0000	0.9988	0.9958	0.9887	0.9502	0.8555	0.6846	0.4482	0.2031	0.0381
	6		0.9999	0.9996	0.9987	0.9915	0.9648	0.8936	0.7447	0.4967	0.1869
	7		1.0000	1.0000	0.9999	0.9993	0.9961	0.9832	0.9424	0.8322	0.5695
	8				1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
9	0	0.3874	0.1342	0.0751	0.0404	0.0101	0.0020	0.0003	0.0000		
	1	0.7748	0.4362	0.3003	0.1960	0.0705	0.0195	0.0038	0.0004	0.0000	
	2	0.9470	0.7382	0.6007	0.4628	0.2318	0.0898	0.0250	0.0043	0.0003	0.0000
	3	0.9917	0.9144	0.8343	0.7297	0.4826	0.2539	0.0994	0.0253	0.0031	0.0001
	4	0.9991	0.9804	0.9511	0.9012	0.7334	0.5000	0.2666	0.0988	0.0196	0.0009
	5	0.9999	0.9969	0.9900	0.9747	0.9006	0.7461	0.5174	0.2703	0.0856	0.0083
	6	1.0000	0.9997	0.9987	0.9957	0.9750	0.9102	0.7682	0.5372	0.2618	0.0530
	7		1.0000	0.9999	0.9996	0.9962	0.9805	0.9295	0.8040	0.5638	0.2252
	8			1.0000	1.0000	0.9997	0.9980	0.9899	0.9596	0.8658	0.6126
	9					1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
10	0	0.3487	0.1074	0.0563	0.0282	0.0060	0.0010	0.0001	0.0000		
	1	0.7361	0.3758	0.2440	0.1493	0.0464	0.0107	0.0017	0.0001	0.0000	
	2	0.9298	0.6778	0.5256	0.3828	0.1673	0.0547	0.0123	0.0016	0.0001	
	3	0.9872	0.8791	0.7759	0.6496	0.3823	0.1719	0.0548	0.0106	0.0009	0.0000
	4	0.9984	0.9672	0.9219	0.8497	0.6331	0.3770	0.1662	0.0473	0.0064	0.0001
	5	0.9999	0.9936	0.9803	0.9527	0.8338	0.6230	0.3669	0.1503	0.0328	0.0016
	6	1.0000	0.9991	0.9965	0.9894	0.9452	0.8281	0.6177	0.3504	0.1209	0.0128
	7		0.9999	0.9996	0.9984	0.9877	0.9453	0.8327	0.6172	0.3222	0.0702
	8		1.0000	1.0000	0.9999	0.9983	0.9893	0.9536	0.8507	0.6242	0.2639
	9				1.0000	0.9999	0.9990	0.9940	0.9718	0.8926	0.6513
	10					1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	0	0.3138	0.0859	0.0422	0.0198	0.0036	0.0005	0.0000			
	1	0.6974	0.3221	0.1971	0.1130	0.0302	0.0059	0.0007	0.0000		
	2	0.9104	0.6174	0.4552	0.3127	0.1189	0.0327	0.0059	0.0006	0.0000	
	3	0.9815	0.8389	0.7133	0.5696	0.2963	0.1133	0.0293	0.0043	0.0002	
	4	0.9972	0.9496	0.8854	0.7897	0.5328	0.2744	0.0994	0.0216	0.0020	0.0000
	5	0.9997	0.9883	0.9657	0.9218	0.7535	0.5000	0.2465	0.0782	0.0117	0.0003
	6	1.0000	0.9980	0.9924	0.9784	0.9006	0.7256	0.4672	0.2103	0.0504	0.0028
	7		0.9998	0.9988	0.9957	0.9707	0.8867	0.7037	0.4304	0.1611	0.0185
	8		1.0000	0.9999	0.9994	0.9941	0.9673	0.8811	0.6873	0.3826	0.0896
	9			1.0000	1.0000	0.9993	0.9941	0.9698	0.8870	0.6779	0.3026
	10					1.0000	0.9995	0.9964	0.9802	0.9141	0.6862
	11						1.0000	1.0000	1.0000	1.0000	1.0000

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Table A.1 (continued) Binomial Probability Sums  $\sum_{x=0}^r b(x; n, p)$

n	r	p																			
		0.10	0.20	0.25	0.30	0.40	0.50	0.60	0.70	0.80	0.90										
19	0	0.1351	0.0144	0.0042	0.0011	0.0001															
	1	0.4203	0.0829	0.0310	0.0104	0.0008	0.0000														
	2	0.7054	0.2369	0.1113	0.0462	0.0055	0.0004	0.0000													
	3	0.8850	0.4551	0.2631	0.1332	0.0230	0.0022	0.0001													
	4	0.9648	0.6733	0.4654	0.2822	0.0696	0.0096	0.0006	0.0000												
	5	0.9914	0.8369	0.6678	0.4739	0.1629	0.0318	0.0031	0.0001												
	6	0.9983	0.9324	0.8251	0.6655	0.3081	0.0835	0.0116	0.0006												
	7	0.9997	0.9767	0.9225	0.8180	0.4878	0.1796	0.0352	0.0028	0.0000											
	8	1.0000	0.9933	0.9713	0.9161	0.6675	0.3238	0.0885	0.0105	0.0003											
	9		0.9984	0.9911	0.9674	0.8139	0.5000	0.1861	0.0326	0.0016											
	10		0.9997	0.9977	0.9895	0.9115	0.6762	0.3325	0.0839	0.0067	0.0000										
	11		1.0000	0.9995	0.9972	0.9648	0.8204	0.5122	0.1820	0.0233	0.0003										
	12			0.9999	0.9994	0.9884	0.9884	0.9165	0.6919	0.3345	0.0676	0.0017									
	13				1.0000	0.9999	0.9969	0.9682	0.8371	0.5261	0.1631	0.0086									
	14					1.0000	0.9994	0.9904	0.9304	0.7178	0.3267	0.0352									
	15						0.9999	0.9978	0.9770	0.8668	0.5449	0.1150									
	16						1.0000	0.9996	0.9945	0.9538	0.7631	0.2946									
	17							1.0000	0.9992	0.9896	0.9171	0.5797									
	18								0.9999	0.9989	0.9856	0.8649									
	19									1.0000	1.0000	1.0000	1.0000								
20	0	0.1216	0.0115	0.0032	0.0008	0.0000															
	1	0.3917	0.0692	0.0243	0.0076	0.0005	0.0000														
	2	0.6769	0.2061	0.0913	0.0355	0.0036	0.0002														
	3	0.8670	0.4114	0.2252	0.1071	0.0160	0.0013	0.0000													
	4	0.9568	0.6296	0.4148	0.2375	0.0510	0.0059	0.0003													
	5	0.9887	0.8042	0.6172	0.4164	0.1256	0.0207	0.0016	0.0000												
	6	0.9976	0.9133	0.7858	0.6080	0.2500	0.0577	0.0065	0.0003												
	7	0.9996	0.9679	0.8982	0.7723	0.4159	0.1316	0.0210	0.0013	0.0000											
	8	0.9999	0.9900	0.9591	0.8867	0.5956	0.2517	0.0565	0.0051	0.0001											
	9	1.0000	0.9974	0.9861	0.9520	0.7553	0.4119	0.1275	0.0171	0.0006											
	10		0.9994	0.9961	0.9829	0.8725	0.5881	0.2447	0.0480	0.0026	0.0000										
	11		0.9999	0.9991	0.9949	0.9435	0.7483	0.4044	0.1133	0.0100	0.0001										
	12		1.0000	0.9998	0.9987	0.9790	0.8684	0.5841	0.2277	0.0321	0.0004										
	13			1.0000	0.9997	0.9935	0.9423	0.7500	0.3920	0.0867	0.0024										
	14				1.0000	0.9984	0.9793	0.8744	0.5836	0.1958	0.0113										
	15					0.9997	0.9941	0.9490	0.7625	0.3704	0.0432										
	16					1.0000	0.9987	0.9840	0.8929	0.5886	0.1330										
	17						0.9998	0.9964	0.9645	0.7939	0.3231										
	18							1.0000	0.9995	0.9924	0.9308	0.6083									
	19								1.0000	0.9992	0.9885	0.8784									
	20									1.0000	1.0000	1.0000	1.0000								