



Table 1: Statistical Sampling Results based on the Beta Distribution —  
Bayes Factors in favor of Tolerable Misstatement for a Performance Materiality of 10 Percent

Sample Size	Actual Number of Deviations Found										
	0	1	2	3	4	5	6	7	8	9	10
20	15.45	3.16	1.02	0.37	0.14	0.05	0.01	0	0	0	0
25	26.86	5.18	1.66	0.64	0.26	0.1	0.03	0.01	0	0	0
30	46.18	8.32	2.6	1.02	0.43	0.18	0.07	0.03	0.01	0	0
35	78.9	13.22	3.98	1.55	0.68	0.3	0.13	0.05	0.02	0.01	0
40	134.31	20.91	6.02	2.31	1.02	0.47	0.22	0.1	0.04	0.02	0.01
45	228.15	33.04	9.04	3.37	1.48	0.7	0.34	0.16	0.07	0.03	0.01
50	387.07	52.26	13.54	4.89	2.12	1.02	0.51	0.25	0.12	0.06	0.02
55	656.19	82.8	20.29	7.05	3	1.43	0.72	0.37	0.19	0.09	0.04
60	1111.96	131.53	30.48	10.15	4.21	1.99	1.01	0.53	0.28	0.14	0.07
65	1883.81	209.52	45.96	14.64	5.89	2.74	1.4	0.74	0.4	0.21	0.11
70	3190.94	334.68	69.56	21.18	8.24	3.76	1.9	1.01	0.56	0.3	0.16
75	5404.57	536.1	105.74	30.75	11.53	5.13	2.56	1.37	0.76	0.42	0.23
80	9153.39	861.01	161.44	44.86	16.2	7.01	3.43	1.82	1.01	0.57	0.33
85	15502.03	1386.24	247.53	65.75	22.84	9.59	4.6	2.41	1.34	0.77	0.44
90	26253.52	2237.05	381.1	96.85	32.35	13.16	6.16	3.19	1.76	1.01	0.59
95	44461.27	3617.78	589.06	143.38	46.06	18.12	8.27	4.2	2.3	1.32	0.78
100	75296.24	5862.32	913.89	213.31	65.91	25.06	11.13	5.54	3	1.71	1.01
125	1048856.08	67147.91	8618.95	1662.07	427.35	136.96	52.28	22.97	11.28	6.04	3.45
150	1.461011e+07	794128.49	86567.11	14188.07	3105.98	850.65	279.37	106.7	46.25	22.28	11.71
200	2.834837e+09	1.183490e+08	9908456.95	1247502.52	209910.75	44244.4	11211.41	3319.26	1124.09	428.29	181.08
300	1.067277e+14	3.043770e+12	1.740048e+11	1.495426e+10	1.717297e+09	2.470285e+08	4.272789e+07	8639141.35	2000012.39	521815.53	151524.15
400	4.018151e+18	8.701925e+16	3.776191e+15	2.462601e+14	2.145228e+13	2.340196e+12	3.068951e+11	4.703698e+10	8.253381e+09	1.631971e+09	3.591450e+08
500	1.512778e+23	2.640722e+21	9.234131e+19	4.851231e+18	3.403557e+17	2.989548e+16	3.155984e+15	3.892965e+14	5.496438e+13	8.743609e+12	1.547769e+12

Note:  
This table presents Bayes factors based on equal prior probabilities and zero expected errors.



Table 2: Statistical Sampling Results based on the Beta Distribution —  
Bayes Factors in favor of Tolerable Misstatement for a Performance Materiality of 5 Percent

Sample Size	Actual Number of Deviations Found										
	0	1	2	3	4	5	6	7	8	9	10
20	4.58	1.02	0.31	0.09	0.03	0.01	0.00	0.00	0.00	0.00	0.00
25	6.21	1.38	0.43	0.14	0.04	0.01	0.00	0.00	0.00	0.00	0.00
30	8.32	1.83	0.59	0.21	0.07	0.02	0.01	0.00	0.00	0.00	0.00
35	11.04	2.39	0.79	0.29	0.1	0.03	0.01	0.00	0.00	0.00	0.00
40	14.56	3.08	1.02	0.39	0.15	0.05	0.02	0.00	0.00	0.00	0.00
45	19.11	3.93	1.3	0.51	0.2	0.08	0.03	0.01	0.00	0.00	0.00
50	24.99	4.99	1.64	0.65	0.27	0.11	0.04	0.01	0.00	0.00	0.00
55	32.59	6.29	2.05	0.82	0.35	0.15	0.06	0.02	0.01	0.00	0.00
60	42.41	7.92	2.54	1.02	0.44	0.19	0.08	0.03	0.01	0.00	0.00
65	55.1	9.93	3.14	1.26	0.55	0.25	0.11	0.04	0.02	0.01	0.00
70	71.51	12.44	3.85	1.54	0.68	0.31	0.14	0.06	0.02	0.01	0.00
75	92.7	15.56	4.72	1.87	0.84	0.39	0.18	0.08	0.03	0.01	0.00
80	120.1	19.45	5.76	2.26	1.02	0.48	0.23	0.11	0.05	0.02	0.01
85	155.5	24.3	7.03	2.72	1.23	0.59	0.29	0.14	0.06	0.03	0.01
90	201.26	30.37	8.57	3.27	1.47	0.71	0.35	0.17	0.08	0.04	0.01
95	260.39	37.95	10.43	3.93	1.75	0.85	0.43	0.21	0.10	0.05	0.02
100	336.81	47.44	12.7	4.7	2.08	1.02	0.52	0.26	0.13	0.06	0.03
125	1216.81	145.9	34.12	11.45	4.78	2.29	1.19	0.64	0.35	0.19	0.10
150	4389.25	456.03	93.6	28.13	10.83	4.93	2.50	1.36	0.76	0.43	0.25
200	57056	4661.45	758.92	184.08	58.79	22.99	10.45	5.30	2.92	1.69	1.01
300	9637144.35	550670.82	62903.37	10768.72	2454.37	697.49	236.87	93.22	41.48	20.44	10.96
400	1.627751e+09	7.150590e+07	6284168.06	828492.25	145620.28	31,982.61	8,423.73	2,585.71	905.57	355.88	154.78
500	2.749333e+11	9.809580e+09	7.003854e+08	7.504238e+07	1.072407e+07	1,916,091.19	410,855.63	102,773.00	29,373.42	9,440.25	3,368.61

Note:  
This table presents Bayes factors based on equal prior probabilities and zero expected errors.



Table 3: Statistical Sampling Results based on the Beta Distribution —  
Bayes Factors in favor of Tolerable Misstatement for a Performance Materiality of 2 Percent

Sample Size	Actual Number of Deviations Found										
	0	1	2	3	4	5	6	7	8	9	10
20	2.00	0.42	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	2.31	0.50	0.13	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
30	2.67	0.59	0.16	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
35	3.06	0.68	0.19	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00
40	3.49	0.78	0.23	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00
45	3.96	0.90	0.27	0.08	0.02	0.01	0.00	0.00	0.00	0.00	0.00
50	4.49	1.02	0.31	0.10	0.03	0.01	0.00	0.00	0.00	0.00	0.00
55	5.08	1.15	0.36	0.12	0.04	0.01	0.00	0.00	0.00	0.00	0.00
60	5.72	1.30	0.41	0.14	0.04	0.01	0.00	0.00	0.00	0.00	0.00
65	6.44	1.46	0.47	0.16	0.05	0.02	0.00	0.00	0.00	0.00	0.00
70	7.23	1.63	0.53	0.19	0.06	0.02	0.01	0.00	0.00	0.00	0.00
75	8.10	1.82	0.60	0.21	0.07	0.02	0.01	0.00	0.00	0.00	0.00
80	9.07	2.02	0.67	0.24	0.09	0.03	0.01	0.00	0.00	0.00	0.00
85	10.14	2.24	0.75	0.28	0.10	0.03	0.01	0.00	0.00	0.00	0.00
90	11.32	2.48	0.83	0.31	0.12	0.04	0.01	0.00	0.00	0.00	0.00
95	12.63	2.75	0.92	0.35	0.13	0.05	0.02	0.00	0.00	0.00	0.00
100	14.08	3.03	1.02	0.39	0.15	0.06	0.02	0.01	0.00	0.00	0.00
125	23.99	4.88	1.63	0.65	0.27	0.11	0.04	0.02	0.01	0.00	0.00
150	40.41	7.70	2.51	1.02	0.45	0.20	0.09	0.03	0.01	0.00	0.00
200	112.71	18.67	5.62	2.23	1.02	0.49	0.24	0.11	0.05	0.02	0.01
300	856.45	108.61	26.64	9.27	3.98	1.94	1.01	0.55	0.30	0.16	0.08
400	6,464.46	654.50	130.80	38.35	14.47	6.49	3.27	1.78	1.01	0.59	0.34
500	48,750.97	4,094.33	683.29	169.39	55.13	21.89	10.08	5.17	2.87	1.68	1.01

Note:  
This table presents Bayes factors based on equal prior probabilities and zero expected errors.



Table 4: Statistical Sampling Results based on the Beta Distribution —  
Bayes Factors in favor of Tolerable Misstatement for a Performance Materiality of 1 Percent

Sample Size	Actual Number of Deviations Found										
	0	1	2	3	4	5	6	7	8	9	10
20	1.45	0.29	0.06	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	1.57	0.32	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	1.70	0.35	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	1.84	0.39	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	1.99	0.42	0.11	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	2.14	0.46	0.12	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
50	2.31	0.50	0.13	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00
55	2.48	0.54	0.15	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
60	2.66	0.59	0.16	0.04	0.01	0.00	0.00	0.00	0.00	0.00	0.00
65	2.84	0.63	0.18	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00
70	3.04	0.68	0.20	0.05	0.01	0.00	0.00	0.00	0.00	0.00	0.00
75	3.25	0.73	0.21	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.00
80	3.47	0.78	0.23	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00
85	3.70	0.84	0.25	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.00
90	3.94	0.90	0.27	0.08	0.02	0.01	0.00	0.00	0.00	0.00	0.00
95	4.20	0.96	0.29	0.09	0.03	0.01	0.00	0.00	0.00	0.00	0.00
100	4.46	1.02	0.32	0.10	0.03	0.01	0.00	0.00	0.00	0.00	0.00
125	6.02	1.37	0.44	0.15	0.05	0.01	0.00	0.00	0.00	0.00	0.00
150	8.03	1.81	0.60	0.22	0.08	0.02	0.01	0.00	0.00	0.00	0.00
200	13.93	3.02	1.02	0.40	0.16	0.06	0.02	0.01	0.00	0.00	0.00
300	39.78	7.63	2.50	1.02	0.45	0.20	0.09	0.04	0.01	0.00	0.00
400	110.42	18.42	5.58	2.23	1.02	0.49	0.24	0.11	0.05	0.02	0.01
500	303.39	44.11	12.10	4.56	2.05	1.02	0.52	0.27	0.14	0.07	0.03

Note:  
This table presents Bayes factors based on equal prior probabilities and zero expected errors.