

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE									
	3									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.72	49.45	49.17	48.90	48.62	48.35	48.07	47.79	47.52
0.1	47.24	46.96	46.69	46.41	46.13	45.85	45.58	45.30	45.02	44.74
0.2	44.46	44.18	43.90	43.62	43.34	43.05	42.77	42.49	42.20	41.92
0.3	41.63	41.35	41.06	40.77	40.49	40.20	39.91	39.62	39.33	39.03
0.4	38.74	38.45	38.15	37.85	37.56	37.26	36.96	36.66	36.35	36.05
0.5	35.75	35.44	35.13	34.82	34.51	34.20	33.88	33.57	33.25	32.93
0.6	32.61	32.28	31.96	31.63	31.30	30.97	30.63	30.30	29.96	29.61
0.7	29.27	28.92	28.57	28.22	27.86	27.50	27.13	26.76	26.39	26.02
0.8	25.64	25.25	24.86	24.47	24.07	23.67	23.26	22.84	22.42	21.99
0.9	21.55	21.11	20.66	20.19	19.73	19.25	18.75	18.25	17.74	17.21
1.0	16.67	16.11	15.53	14.93	14.31	13.66	12.98	12.27	11.51	10.71
1.1	9.84	8.89	7.82	6.60	5.08	2.87	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	SAMPLE SIZE 4										STANDARD DEVIATION METHOD
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
0.0	50.00	49.67	49.33	49.00	48.67	48.33	48.00	47.67	47.33	47.00	
0.1	46.67	46.33	46.00	45.67	45.33	45.00	44.67	44.33	44.00	43.67	
0.2	43.33	43.00	42.67	42.33	42.00	41.67	41.33	41.00	40.67	40.33	
0.3	40.00	39.67	39.33	39.00	38.67	38.33	38.00	37.67	37.33	37.00	
0.4	36.67	36.33	36.00	35.67	35.33	35.00	34.67	34.33	34.00	33.67	
0.5	33.33	33.00	32.67	32.33	32.00	31.67	31.33	31.00	30.67	30.33	
0.6	30.00	29.67	29.33	29.00	28.67	28.33	28.00	27.67	27.33	27.00	
0.7	26.67	26.33	26.00	25.67	25.33	25.00	24.67	24.33	24.00	23.67	
0.8	23.33	23.00	22.67	22.33	22.00	21.67	21.33	21.00	20.67	20.33	
0.9	20.00	19.67	19.33	19.00	18.67	18.33	18.00	17.67	17.33	17.00	
1.0	16.67	16.33	16.00	15.67	15.33	15.00	14.67	14.33	14.00	13.67	
1.1	13.33	13.00	12.67	12.33	12.00	11.67	11.33	11.00	10.67	10.33	
1.2	10.00	9.67	9.33	9.00	8.67	8.33	8.00	7.67	7.33	7.00	
1.3	6.67	6.33	6.00	5.67	5.33	5.00	4.67	4.33	4.00	3.67	
1.4	3.33	3.00	2.67	2.33	2.00	1.67	1.33	1.00	0.67	0.33	
1.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 5									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.64	49.29	48.93	48.58	48.22	47.87	47.51	47.15	46.80
0.1	46.44	46.09	45.73	45.38	45.02	44.67	44.31	43.96	43.61	43.25
0.2	42.90	42.54	42.19	41.84	41.48	41.13	40.78	40.43	40.08	39.72
0.3	39.37	39.02	38.67	38.32	37.97	37.62	37.28	36.93	36.58	36.23
0.4	35.88	35.54	35.19	34.85	34.50	34.16	33.81	33.47	33.13	32.78
0.5	32.44	32.10	31.76	31.42	31.08	30.74	30.40	30.06	29.73	29.39
0.6	29.05	28.72	28.39	28.05	27.72	27.39	27.06	26.73	26.40	26.07
0.7	25.74	25.41	25.09	24.76	24.44	24.11	23.79	23.47	23.15	22.83
0.8	22.51	22.19	21.87	21.56	21.24	20.93	20.62	20.31	20.00	19.69
0.9	19.38	19.07	18.77	18.46	18.16	17.86	17.55	17.26	16.96	16.66
1.0	16.36	16.07	15.78	15.48	15.19	14.91	14.62	14.33	14.05	13.76
1.1	13.48	13.20	12.93	12.65	12.37	12.10	11.83	11.56	11.29	11.02
1.2	10.76	10.50	10.23	9.97	9.72	9.46	9.21	8.96	8.71	8.46
1.3	8.21	7.97	7.73	7.49	7.25	7.02	6.79	6.56	6.33	6.10
1.4	5.88	5.66	5.44	5.23	5.02	4.81	4.60	4.39	4.19	3.99
1.5	3.80	3.61	3.42	3.23	3.05	2.87	2.69	2.52	2.35	2.19
1.6	2.03	1.87	1.72	1.57	1.42	1.28	1.15	1.02	0.89	0.77
1.7	0.66	0.55	0.45	0.36	0.27	0.19	0.12	0.06	0.02	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	SAMPLE SIZE					STANDARD DEVIATION METHOD				
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.63	49.27	48.90	48.53	48.16	47.80	47.43	47.06	46.70
0.1	46.33	45.96	45.60	45.23	44.86	44.50	44.13	43.77	43.40	43.04
0.2	42.68	42.31	41.95	41.59	41.22	40.86	40.50	40.14	39.78	39.42
0.3	39.06	38.70	38.34	37.98	37.62	37.27	36.91	36.55	36.20	35.84
0.4	35.49	35.14	34.79	34.43	34.08	33.73	33.38	33.04	32.69	32.34
0.5	32.00	31.65	31.31	30.96	30.62	30.28	29.94	29.60	29.26	28.93
0.6	28.59	28.25	27.92	27.59	27.26	26.92	26.60	26.27	25.94	25.61
0.7	25.29	24.96	24.64	24.32	24.00	23.68	23.37	23.05	22.74	22.42
0.8	22.11	21.80	21.49	21.18	20.88	20.57	20.27	19.97	19.67	19.37
0.9	19.07	18.78	18.49	18.19	17.90	17.61	17.33	17.04	16.76	16.48
1.0	16.20	15.92	15.64	15.37	15.09	14.82	14.55	14.29	14.02	13.76
1.1	13.50	13.24	12.98	12.72	12.47	12.22	11.97	11.72	11.47	11.23
1.2	10.99	10.75	10.51	10.28	10.04	9.81	9.58	9.36	9.13	8.91
1.3	8.69	8.48	8.26	8.05	7.84	7.63	7.42	7.22	7.02	6.82
1.4	6.63	6.43	6.24	6.05	5.87	5.68	5.50	5.33	5.15	4.98
1.5	4.81	4.64	4.47	4.31	4.15	4.00	3.84	3.69	3.54	3.40
1.6	3.25	3.11	2.97	2.84	2.71	2.58	2.45	2.33	2.21	2.09
1.7	1.98	1.87	1.76	1.66	1.55	1.45	1.36	1.27	1.18	1.09
1.8	1.01	0.93	0.85	0.78	0.71	0.64	0.57	0.51	0.46	0.40
1.9	0.35	0.30	0.26	0.22	0.18	0.15	0.12	0.09	0.07	0.05
2.0	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 7									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.63	49.25	48.88	48.50	48.13	47.76	47.38	47.01	46.63
0.1	46.26	45.89	45.51	45.14	44.77	44.40	44.03	43.65	43.28	42.91
0.2	42.54	42.17	41.80	41.44	41.07	40.70	40.33	39.97	39.60	39.23
0.3	38.87	38.50	38.14	37.78	37.42	37.06	36.69	36.33	35.98	35.62
0.4	35.26	34.90	34.55	34.19	33.84	33.49	33.13	32.78	32.43	32.08
0.5	31.74	31.39	31.04	30.70	30.36	30.01	29.67	29.33	28.99	28.66
0.6	28.32	27.98	27.65	27.32	26.99	26.66	26.33	26.00	25.68	25.35
0.7	25.03	24.71	24.39	24.07	23.75	23.44	23.12	22.81	22.50	22.19
0.8	21.88	21.58	21.27	20.97	20.67	20.37	20.07	19.78	19.48	19.19
0.9	18.90	18.61	18.33	18.04	17.76	17.48	17.20	16.92	16.65	16.37
1.0	16.10	15.83	15.56	15.30	15.03	14.77	14.51	14.26	14.00	13.75
1.1	13.49	13.25	13.00	12.75	12.51	12.27	12.03	11.79	11.56	11.33
1.2	11.10	10.87	10.65	10.42	10.20	9.98	9.77	9.55	9.34	9.13
1.3	8.93	8.72	8.52	8.32	8.12	7.92	7.73	7.54	7.35	7.17
1.4	6.98	6.80	6.62	6.45	6.27	6.10	5.93	5.77	5.60	5.44
1.5	5.28	5.13	4.97	4.82	4.67	4.52	4.38	4.24	4.10	3.96
1.6	3.83	3.69	3.57	3.44	3.31	3.19	3.07	2.95	2.84	2.73
1.7	2.62	2.51	2.41	2.30	2.20	2.11	2.01	1.92	1.83	1.74
1.8	1.65	1.57	1.49	1.41	1.34	1.26	1.19	1.12	1.06	0.99
1.9	0.93	0.87	0.81	0.76	0.70	0.65	0.60	0.56	0.51	0.47
2.0	0.43	0.39	0.36	0.32	0.29	0.26	0.23	0.21	0.18	0.16
2.1	0.14	0.12	0.10	0.08	0.07	0.06	0.05	0.04	0.03	0.02
2.2	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 8									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.62	49.24	48.86	48.49	48.11	47.73	47.35	46.97	46.59
0.1	46.22	45.84	45.46	45.08	44.71	44.33	43.96	43.58	43.21	42.83
0.2	42.46	42.08	41.71	41.34	40.97	40.59	40.22	39.85	39.48	39.11
0.3	38.75	38.38	38.01	37.65	37.28	36.92	36.55	36.19	35.83	35.47
0.4	35.11	34.75	34.39	34.04	33.68	33.33	32.97	32.62	32.27	31.92
0.5	31.57	31.22	30.87	30.53	30.18	29.84	29.50	29.16	28.82	28.48
0.6	28.15	27.81	27.48	27.15	26.82	26.49	26.16	25.83	25.51	25.19
0.7	24.86	24.54	24.23	23.91	23.59	23.28	22.97	22.66	22.35	22.04
0.8	21.74	21.44	21.14	20.84	20.54	20.24	19.95	19.66	19.37	19.08
0.9	18.79	18.51	18.23	17.95	17.67	17.39	17.12	16.85	16.57	16.31
1.0	16.04	15.78	15.51	15.25	15.00	14.74	14.49	14.24	13.99	13.74
1.1	13.49	13.25	13.01	12.77	12.54	12.30	12.07	11.84	11.61	11.39
1.2	11.17	10.94	10.73	10.51	10.30	10.09	9.88	9.67	9.47	9.26
1.3	9.06	8.87	8.67	8.48	8.29	8.10	7.91	7.73	7.55	7.37
1.4	7.19	7.02	6.85	6.68	6.51	6.35	6.19	6.03	5.87	5.71
1.5	5.56	5.41	5.26	5.12	4.97	4.83	4.69	4.56	4.42	4.29
1.6	4.16	4.03	3.91	3.79	3.67	3.55	3.43	3.32	3.21	3.10
1.7	2.99	2.89	2.79	2.69	2.59	2.49	2.40	2.31	2.22	2.13
1.8	2.04	1.96	1.88	1.80	1.72	1.65	1.58	1.51	1.44	1.37
1.9	1.31	1.24	1.18	1.12	1.07	1.01	0.96	0.91	0.86	0.81
2.0	0.76	0.72	0.67	0.63	0.59	0.55	0.52	0.48	0.45	0.42
2.1	0.39	0.36	0.33	0.30	0.28	0.26	0.23	0.21	0.19	0.17
2.2	0.16	0.14	0.13	0.11	0.10	0.09	0.08	0.07	0.06	0.05
2.3	0.04	0.04	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.00

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PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 9									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.62	49.24	48.85	48.47	48.09	47.71	47.33	46.95	46.57
0.1	46.18	45.80	45.42	45.04	44.66	44.29	43.91	43.53	43.15	42.77
0.2	42.40	42.02	41.64	41.27	40.89	40.52	40.15	39.77	39.40	39.03
0.3	38.66	38.29	37.92	37.55	37.19	36.82	36.46	36.09	35.73	35.37
0.4	35.00	34.64	34.29	33.93	33.57	33.21	32.86	32.51	32.15	31.80
0.5	31.45	31.10	30.76	30.41	30.07	29.72	29.38	29.04	28.70	28.36
0.6	28.03	27.69	27.36	27.03	26.70	26.37	26.04	25.72	25.39	25.07
0.7	24.75	24.43	24.11	23.80	23.49	23.17	22.86	22.56	22.25	21.94
0.8	21.64	21.34	21.04	20.75	20.45	20.16	19.87	19.58	19.29	19.00
0.9	18.72	18.44	18.16	17.88	17.61	17.33	17.06	16.79	16.53	16.26
1.0	16.00	15.74	15.48	15.23	14.97	14.72	14.47	14.22	13.98	13.73
1.1	13.49	13.26	13.02	12.79	12.55	12.32	12.10	11.87	11.65	11.43
1.2	11.21	11.00	10.78	10.57	10.36	10.15	9.95	9.75	9.55	9.35
1.3	9.16	8.96	8.77	8.59	8.40	8.22	8.04	7.86	7.68	7.51
1.4	7.33	7.17	7.00	6.83	6.67	6.51	6.35	6.20	6.04	5.89
1.5	5.74	5.60	5.45	5.31	5.17	5.03	4.90	4.77	4.64	4.51
1.6	4.38	4.26	4.14	4.02	3.90	3.78	3.67	3.56	3.45	3.34
1.7	3.24	3.14	3.03	2.94	2.84	2.75	2.65	2.56	2.47	2.39
1.8	2.30	2.22	2.14	2.06	1.98	1.91	1.84	1.76	1.70	1.63
1.9	1.56	1.50	1.44	1.37	1.32	1.26	1.20	1.15	1.10	1.05
2.0	1.00	0.95	0.90	0.86	0.82	0.77	0.73	0.70	0.66	0.62
2.1	0.59	0.55	0.52	0.49	0.46	0.43	0.41	0.38	0.36	0.33
2.2	0.31	0.29	0.27	0.25	0.23	0.21	0.20	0.18	0.17	0.15
2.3	0.14	0.13	0.11	0.10	0.09	0.08	0.08	0.07	0.06	0.05
2.4	0.05	0.04	0.04	0.03	0.03	0.02	0.02	0.02	0.01	0.01
2.5	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 10									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.62	49.23	48.85	48.46	48.08	47.70	47.31	46.93	46.54
0.1	46.16	45.78	45.40	45.01	44.63	44.25	43.87	43.49	43.11	42.73
0.2	42.35	41.97	41.60	41.22	40.84	40.47	40.09	39.72	39.34	38.97
0.3	38.60	38.23	37.86	37.49	37.12	36.75	36.38	36.02	35.65	35.29
0.4	34.93	34.57	34.21	33.85	33.49	33.13	32.78	32.42	32.07	31.72
0.5	31.37	31.02	30.67	30.32	29.98	29.64	29.29	28.95	28.61	28.28
0.6	27.94	27.60	27.27	26.94	26.61	26.28	25.96	25.63	25.31	24.99
0.7	24.67	24.35	24.03	23.72	23.41	23.10	22.79	22.48	22.18	21.87
0.8	21.57	21.27	20.98	20.68	20.39	20.10	19.81	19.52	19.23	18.95
0.9	18.67	18.39	18.11	17.84	17.56	17.29	17.03	16.76	16.49	16.23
1.0	15.97	15.72	15.46	15.21	14.96	14.71	14.46	14.22	13.97	13.73
1.1	13.50	13.26	13.03	12.80	12.57	12.34	12.12	11.90	11.68	11.46
1.2	11.24	11.03	10.82	10.61	10.41	10.21	10.00	9.81	9.61	9.42
1.3	9.22	9.03	8.85	8.66	8.48	8.30	8.12	7.95	7.77	7.60
1.4	7.44	7.27	7.10	6.94	6.78	6.63	6.47	6.32	6.17	6.02
1.5	5.87	5.73	5.59	5.45	5.31	5.18	5.05	4.92	4.79	4.66
1.6	4.54	4.41	4.30	4.18	4.06	3.95	3.84	3.73	3.62	3.52
1.7	3.41	3.31	3.21	3.11	3.02	2.93	2.83	2.74	2.66	2.57
1.8	2.49	2.40	2.32	2.25	2.17	2.09	2.02	1.95	1.88	1.81
1.9	1.75	1.68	1.62	1.56	1.50	1.44	1.38	1.33	1.27	1.22
2.0	1.17	1.12	1.07	1.03	0.98	0.94	0.90	0.86	0.82	0.78
2.1	0.74	0.71	0.67	0.64	0.61	0.58	0.55	0.52	0.49	0.46
2.2	0.44	0.41	0.39	0.37	0.34	0.32	0.30	0.29	0.27	0.25
2.3	0.23	0.22	0.20	0.19	0.18	0.16	0.15	0.14	0.13	0.12
2.4	0.11	0.10	0.09	0.08	0.08	0.07	0.06	0.06	0.05	0.05
2.5	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.01	0.01
2.6	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 11									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.23	48.84	48.46	48.07	47.68	47.30	46.91	46.53
0.1	46.14	45.76	45.38	44.99	44.61	44.23	43.84	43.46	43.08	42.70
0.2	42.32	41.94	41.56	41.18	40.80	40.42	40.05	39.67	39.30	38.92
0.3	38.55	38.18	37.81	37.44	37.07	36.70	36.33	35.96	35.60	35.23
0.4	34.87	34.51	34.15	33.79	33.43	33.07	32.71	32.36	32.01	31.65
0.5	31.30	30.95	30.60	30.26	29.91	29.57	29.23	28.89	28.55	28.21
0.6	27.87	27.54	27.21	26.88	26.55	26.22	25.89	25.57	25.25	24.92
0.7	24.61	24.29	23.97	23.66	23.35	23.04	22.73	22.43	22.12	21.82
0.8	21.52	21.22	20.93	20.63	20.34	20.05	19.76	19.48	19.19	18.91
0.9	18.63	18.35	18.08	17.80	17.53	17.26	17.00	16.73	16.47	16.21
1.0	15.95	15.70	15.44	15.19	14.94	14.70	14.45	14.21	13.97	13.73
1.1	13.50	13.26	13.03	12.81	12.58	12.36	12.13	11.91	11.70	11.48
1.2	11.27	11.06	10.85	10.65	10.44	10.24	10.05	9.85	9.66	9.46
1.3	9.28	9.09	8.90	8.72	8.54	8.36	8.19	8.02	7.85	7.68
1.4	7.51	7.35	7.19	7.03	6.87	6.71	6.56	6.41	6.26	6.12
1.5	5.97	5.83	5.69	5.55	5.42	5.29	5.16	5.03	4.90	4.78
1.6	4.65	4.53	4.41	4.30	4.18	4.07	3.96	3.85	3.75	3.64
1.7	3.54	3.44	3.34	3.25	3.15	3.06	2.97	2.88	2.79	2.71
1.8	2.62	2.54	2.46	2.38	2.31	2.23	2.16	2.09	2.02	1.95
1.9	1.88	1.82	1.76	1.69	1.63	1.58	1.52	1.46	1.41	1.36
2.0	1.30	1.25	1.21	1.16	1.11	1.07	1.02	0.98	0.94	0.90
2.1	0.86	0.83	0.79	0.75	0.72	0.69	0.66	0.63	0.60	0.57
2.2	0.54	0.51	0.49	0.46	0.44	0.42	0.40	0.37	0.35	0.33
2.3	0.32	0.30	0.28	0.26	0.25	0.23	0.22	0.21	0.19	0.18
2.4	0.17	0.16	0.15	0.14	0.13	0.12	0.11	0.10	0.09	0.09
2.5	0.08	0.07	0.07	0.06	0.06	0.05	0.05	0.04	0.04	0.04
2.6	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.01	0.01	0.01
2.7	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	SAMPLE SIZE 12									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.23	48.84	48.45	48.06	47.68	47.29	46.90	46.52
0.1	46.13	45.74	45.36	44.97	44.59	44.20	43.82	43.44	43.05	42.67
0.2	42.29	41.91	41.53	41.15	40.77	40.39	40.01	39.64	39.26	38.89
0.3	38.51	38.14	37.77	37.39	37.02	36.65	36.29	35.92	35.55	35.19
0.4	34.82	34.46	34.10	33.74	33.38	33.02	32.66	32.31	31.96	31.60
0.5	31.25	30.90	30.55	30.21	29.86	29.52	29.18	28.83	28.50	28.16
0.6	27.82	27.49	27.16	26.82	26.50	26.17	25.84	25.52	25.20	24.88
0.7	24.56	24.24	23.93	23.61	23.30	22.99	22.69	22.38	22.08	21.78
0.8	21.48	21.18	20.89	20.59	20.30	20.01	19.73	19.44	19.16	18.88
0.9	18.60	18.32	18.05	17.78	17.51	17.24	16.98	16.71	16.45	16.19
1.0	15.94	15.68	15.43	15.18	14.94	14.69	14.45	14.21	13.97	13.73
1.1	13.50	13.27	13.04	12.81	12.59	12.37	12.15	11.93	11.71	11.50
1.2	11.29	11.08	10.88	10.67	10.47	10.27	10.08	9.88	9.69	9.50
1.3	9.32	9.13	8.95	8.77	8.59	8.41	8.24	8.07	7.90	7.73
1.4	7.57	7.41	7.25	7.09	6.93	6.78	6.63	6.48	6.34	6.19
1.5	6.05	5.91	5.77	5.64	5.50	5.37	5.24	5.11	4.99	4.86
1.6	4.74	4.62	4.51	4.39	4.28	4.17	4.06	3.95	3.85	3.74
1.7	3.64	3.54	3.45	3.35	3.26	3.16	3.07	2.99	2.90	2.81
1.8	2.73	2.65	2.57	2.49	2.42	2.34	2.27	2.20	2.13	2.06
1.9	1.99	1.93	1.86	1.80	1.74	1.68	1.62	1.57	1.51	1.46
2.0	1.41	1.36	1.31	1.26	1.21	1.17	1.12	1.08	1.04	1.00
2.1	0.96	0.92	0.88	0.85	0.81	0.78	0.75	0.71	0.68	0.65
2.2	0.63	0.60	0.57	0.54	0.52	0.49	0.47	0.45	0.43	0.41
2.3	0.39	0.37	0.35	0.33	0.31	0.30	0.28	0.27	0.25	0.24
2.4	0.22	0.21	0.20	0.19	0.18	0.16	0.15	0.14	0.14	0.13
2.5	0.12	0.11	0.10	0.10	0.09	0.08	0.08	0.07	0.07	0.06
2.6	0.06	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03
2.7	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
2.8	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	SAMPLE SIZE 13									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.22	48.83	48.45	48.06	47.67	47.28	46.89	46.51
0.1	46.12	45.73	45.35	44.96	44.57	44.19	43.80	43.42	43.04	42.65
0.2	42.27	41.89	41.51	41.13	40.75	40.37	39.99	39.61	39.23	38.86
0.3	38.48	38.11	37.73	37.36	36.99	36.62	36.25	35.88	35.52	35.15
0.4	34.79	34.42	34.06	33.70	33.34	32.98	32.63	32.27	31.92	31.56
0.5	31.21	30.86	30.51	30.17	29.82	29.48	29.13	28.79	28.45	28.12
0.6	27.78	27.45	27.11	26.78	26.45	26.13	25.80	25.48	25.16	24.84
0.7	24.52	24.20	23.89	23.58	23.27	22.96	22.65	22.35	22.04	21.74
0.8	21.45	21.15	20.86	20.56	20.27	19.99	19.70	19.42	19.13	18.85
0.9	18.58	18.30	18.03	17.76	17.49	17.22	16.96	16.70	16.44	16.18
1.0	15.93	15.67	15.42	15.18	14.93	14.69	14.44	14.21	13.97	13.73
1.1	13.50	13.27	13.05	12.82	12.60	12.38	12.16	11.94	11.73	11.52
1.2	11.31	11.10	10.90	10.70	10.50	10.30	10.10	9.91	9.72	9.53
1.3	9.35	9.17	8.98	8.81	8.63	8.45	8.28	8.11	7.95	7.78
1.4	7.62	7.46	7.30	7.14	6.99	6.84	6.69	6.54	6.39	6.25
1.5	6.11	5.97	5.83	5.70	5.57	5.44	5.31	5.18	5.06	4.94
1.6	4.82	4.70	4.58	4.47	4.36	4.25	4.14	4.03	3.93	3.82
1.7	3.72	3.62	3.53	3.43	3.34	3.25	3.16	3.07	2.98	2.90
1.8	2.82	2.74	2.66	2.58	2.50	2.43	2.35	2.28	2.21	2.15
1.9	2.08	2.01	1.95	1.89	1.83	1.77	1.71	1.65	1.60	1.54
2.0	1.49	1.44	1.39	1.34	1.30	1.25	1.21	1.16	1.12	1.08
2.1	1.04	1.00	0.96	0.92	0.89	0.85	0.82	0.79	0.76	0.72
2.2	0.69	0.67	0.64	0.61	0.58	0.56	0.53	0.51	0.49	0.47
2.3	0.45	0.42	0.40	0.39	0.37	0.35	0.33	0.32	0.30	0.29
2.4	0.27	0.26	0.24	0.23	0.22	0.21	0.19	0.18	0.17	0.16
2.5	0.15	0.14	0.14	0.13	0.12	0.11	0.11	0.10	0.09	0.09
2.6	0.08	0.08	0.07	0.07	0.06	0.06	0.05	0.05	0.04	0.04
2.7	0.04	0.04	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
2.8	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
2.9	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 14									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.22	48.83	48.44	48.05	47.66	47.27	46.89	46.50
0.1	46.11	45.72	45.33	44.95	44.56	44.17	43.79	43.40	43.02	42.63
0.2	42.25	41.87	41.49	41.11	40.72	40.34	39.97	39.59	39.21	38.83
0.3	38.46	38.08	37.71	37.34	36.96	36.59	36.22	35.85	35.49	35.12
0.4	34.76	34.39	34.03	33.67	33.31	32.95	32.59	32.24	31.88	31.53
0.5	31.18	30.83	30.48	30.13	29.79	29.44	29.10	28.76	28.42	28.08
0.6	27.75	27.41	27.08	26.75	26.42	26.09	25.77	25.45	25.12	24.81
0.7	24.49	24.17	23.86	23.55	23.24	22.93	22.62	22.32	22.02	21.72
0.8	21.42	21.12	20.83	20.54	20.25	19.96	19.68	19.39	19.11	18.84
0.9	18.56	18.28	18.01	17.74	17.48	17.21	16.95	16.69	16.43	16.17
1.0	15.92	15.67	15.42	15.17	14.92	14.68	14.44	14.20	13.97	13.74
1.1	13.50	13.28	13.05	12.83	12.60	12.39	12.17	11.95	11.74	11.53
1.2	11.32	11.12	10.92	10.72	10.52	10.32	10.13	9.94	9.75	9.56
1.3	9.38	9.19	9.01	8.84	8.66	8.49	8.32	8.15	7.98	7.82
1.4	7.66	7.50	7.34	7.18	7.03	6.88	6.73	6.59	6.44	6.30
1.5	6.16	6.02	5.89	5.75	5.62	5.49	5.36	5.24	5.12	4.99
1.6	4.88	4.76	4.64	4.53	4.42	4.31	4.20	4.09	3.99	3.89
1.7	3.79	3.69	3.59	3.50	3.41	3.32	3.23	3.14	3.05	2.97
1.8	2.89	2.81	2.73	2.65	2.57	2.50	2.43	2.35	2.28	2.22
1.9	2.15	2.08	2.02	1.96	1.90	1.84	1.78	1.72	1.67	1.61
2.0	1.56	1.51	1.46	1.41	1.36	1.32	1.27	1.23	1.18	1.14
2.1	1.10	1.06	1.02	0.99	0.95	0.92	0.88	0.85	0.82	0.78
2.2	0.75	0.72	0.69	0.67	0.64	0.61	0.59	0.56	0.54	0.52
2.3	0.50	0.47	0.45	0.43	0.41	0.40	0.38	0.36	0.34	0.33
2.4	0.31	0.30	0.28	0.27	0.26	0.24	0.23	0.22	0.21	0.20
2.5	0.19	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.12	0.11
2.6	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06
2.7	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03
2.8	0.03	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
2.9	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE 15		STANDARD DEVIATION METHOD				
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
0.0	50.00	49.61	49.22	48.83	48.44	48.05	47.66	47.27	46.88	46.49	
0.1	46.10	45.71	45.33	44.94	44.55	44.16	43.78	43.39	43.01	42.62	
0.2	42.24	41.85	41.47	41.09	40.71	40.33	39.95	39.57	39.19	38.81	
0.3	38.44	38.06	37.69	37.31	36.94	36.57	36.20	35.83	35.46	35.10	
0.4	34.73	34.37	34.00	33.64	33.28	32.92	32.57	32.21	31.85	31.50	
0.5	31.15	30.80	30.45	30.10	29.76	29.41	29.07	28.73	28.39	28.05	
0.6	27.72	27.39	27.05	26.72	26.39	26.07	25.74	25.42	25.10	24.78	
0.7	24.46	24.15	23.83	23.52	23.21	22.90	22.60	22.30	21.99	21.70	
0.8	21.40	21.10	20.81	20.52	20.23	19.94	19.66	19.38	19.10	18.82	
0.9	18.54	18.27	18.00	17.73	17.46	17.20	16.94	16.68	16.42	16.16	
1.0	15.91	15.66	15.41	15.17	14.92	14.68	14.44	14.20	13.97	13.74	
1.1	13.51	13.28	13.05	12.83	12.61	12.39	12.18	11.96	11.75	11.54	
1.2	11.34	11.13	10.93	10.73	10.53	10.34	10.15	9.96	9.77	9.58	
1.3	9.40	9.22	9.04	8.86	8.69	8.52	8.35	8.18	8.01	7.85	
1.4	7.69	7.53	7.37	7.22	7.07	6.92	6.77	6.63	6.48	6.34	
1.5	6.20	6.06	5.93	5.80	5.67	5.54	5.41	5.29	5.16	5.04	
1.6	4.92	4.81	4.69	4.58	4.47	4.36	4.25	4.15	4.05	3.94	
1.7	3.84	3.75	3.65	3.56	3.46	3.37	3.28	3.20	3.11	3.03	
1.8	2.94	2.86	2.79	2.71	2.63	2.56	2.49	2.41	2.34	2.28	
1.9	2.21	2.14	2.08	2.02	1.96	1.90	1.84	1.78	1.73	1.67	
2.0	1.62	1.57	1.52	1.47	1.42	1.37	1.33	1.28	1.24	1.20	
2.1	1.16	1.12	1.08	1.04	1.00	0.97	0.93	0.90	0.87	0.83	
2.2	0.80	0.77	0.74	0.71	0.69	0.66	0.63	0.61	0.58	0.56	
2.3	0.54	0.52	0.49	0.47	0.45	0.43	0.42	0.40	0.38	0.36	
2.4	0.35	0.33	0.32	0.30	0.29	0.27	0.26	0.25	0.24	0.23	
2.5	0.21	0.20	0.19	0.18	0.17	0.17	0.16	0.15	0.14	0.13	
2.6	0.13	0.12	0.11	0.11	0.10	0.09	0.09	0.08	0.08	0.07	
2.7	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	
2.8	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
2.9	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.0	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD			
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.22	48.83	48.44	48.05	47.66	47.26	46.87	46.48
0.1	46.10	45.71	45.32	44.93	44.54	44.15	43.77	43.38	42.99	42.61
0.2	42.22	41.84	41.46	41.07	40.69	40.31	39.93	39.55	39.17	38.79
0.3	38.42	38.04	37.67	37.29	36.92	36.55	36.18	35.81	35.44	35.07
0.4	34.71	34.34	33.98	33.62	33.26	32.90	32.54	32.19	31.83	31.48
0.5	31.13	30.78	30.43	30.08	29.73	29.39	29.05	28.71	28.37	28.03
0.6	27.70	27.36	27.03	26.70	26.37	26.04	25.72	25.40	25.08	24.76
0.7	24.44	24.12	23.81	23.50	23.19	22.88	22.58	22.28	21.98	21.68
0.8	21.38	21.09	20.79	20.50	20.21	19.93	19.64	19.36	19.08	18.81
0.9	18.53	18.26	17.99	17.72	17.45	17.19	16.93	16.67	16.41	16.16
1.0	15.90	15.65	15.41	15.16	14.92	14.68	14.44	14.20	13.97	13.74
1.1	13.51	13.28	13.06	12.84	12.62	12.40	12.18	11.97	11.76	11.55
1.2	11.35	11.14	10.94	10.74	10.55	10.35	10.16	9.97	9.79	9.60
1.3	9.42	9.24	9.06	8.88	8.71	8.54	8.37	8.20	8.04	7.88
1.4	7.72	7.56	7.40	7.25	7.10	6.95	6.80	6.66	6.52	6.38
1.5	6.24	6.10	5.97	5.83	5.70	5.58	5.45	5.33	5.20	5.08
1.6	4.97	4.85	4.74	4.62	4.51	4.40	4.30	4.19	4.09	3.99
1.7	3.89	3.79	3.70	3.60	3.51	3.42	3.33	3.25	3.16	3.08
1.8	2.99	2.91	2.83	2.76	2.68	2.61	2.54	2.46	2.39	2.33
1.9	2.26	2.19	2.13	2.07	2.01	1.95	1.89	1.83	1.78	1.72
2.0	1.67	1.62	1.57	1.52	1.47	1.42	1.38	1.33	1.29	1.25
2.1	1.20	1.16	1.12	1.09	1.05	1.01	0.98	0.94	0.91	0.88
2.2	0.85	0.81	0.78	0.76	0.73	0.70	0.67	0.65	0.62	0.60
2.3	0.58	0.55	0.53	0.51	0.49	0.47	0.45	0.43	0.41	0.40
2.4	0.38	0.36	0.35	0.33	0.32	0.30	0.29	0.28	0.26	0.25
2.5	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15
2.6	0.14	0.14	0.13	0.12	0.12	0.11	0.10	0.10	0.09	0.09
2.7	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.05	0.05	0.05
2.8	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02
2.9	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
3.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
	SAMPLE SIZE 17									
0.0	50.00	49.61	49.22	48.83	48.43	48.04	47.65	47.26	46.87	46.48
0.1	46.09	45.70	45.31	44.92	44.53	44.15	43.76	43.37	42.98	42.60
0.2	42.21	41.83	41.44	41.06	40.68	40.30	39.92	39.54	39.16	38.78
0.3	38.40	38.03	37.65	37.28	36.90	36.53	36.16	35.79	35.42	35.06
0.4	34.69	34.33	33.96	33.60	33.24	32.88	32.52	32.17	31.81	31.46
0.5	31.11	30.76	30.41	30.06	29.71	29.37	29.03	28.69	28.35	28.01
0.6	27.68	27.34	27.01	26.68	26.35	26.02	25.70	25.38	25.06	24.74
0.7	24.42	24.11	23.79	23.48	23.17	22.87	22.56	22.26	21.96	21.66
0.8	21.36	21.07	20.78	20.49	20.20	19.92	19.63	19.35	19.07	18.79
0.9	18.52	18.25	17.98	17.71	17.44	17.18	16.92	16.66	16.41	16.15
1.0	15.90	15.65	15.40	15.16	14.92	14.68	14.44	14.20	13.97	13.74
1.1	13.51	13.29	13.06	12.84	12.62	12.40	12.19	11.98	11.77	11.56
1.2	11.36	11.15	10.95	10.76	10.56	10.37	10.18	9.99	9.80	9.62
1.3	9.44	9.26	9.08	8.90	8.73	8.56	8.39	8.23	8.06	7.90
1.4	7.74	7.58	7.43	7.28	7.13	6.98	6.83	6.69	6.55	6.41
1.5	6.27	6.13	6.00	5.87	5.74	5.61	5.48	5.36	5.24	5.12
1.6	5.00	4.89	4.77	4.66	4.55	4.44	4.34	4.23	4.13	4.03
1.7	3.93	3.83	3.74	3.64	3.55	3.46	3.37	3.29	3.20	3.12
1.8	3.04	2.96	2.88	2.80	2.72	2.65	2.58	2.51	2.44	2.37
1.9	2.30	2.24	2.17	2.11	2.05	1.99	1.93	1.87	1.82	1.76
2.0	1.71	1.66	1.61	1.56	1.51	1.46	1.42	1.37	1.33	1.29
2.1	1.24	1.20	1.16	1.12	1.09	1.05	1.02	0.98	0.95	0.91
2.2	0.88	0.85	0.82	0.79	0.76	0.74	0.71	0.68	0.66	0.63
2.3	0.61	0.59	0.56	0.54	0.52	0.50	0.48	0.46	0.44	0.42
2.4	0.41	0.39	0.37	0.36	0.34	0.33	0.31	0.30	0.29	0.27
2.5	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17
2.6	0.16	0.15	0.15	0.14	0.13	0.13	0.12	0.11	0.11	0.10
2.7	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.06
2.8	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03
2.9	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
3.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.1	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD			
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.22	48.82	48.43	48.04	47.65	47.26	46.87	46.48
0.1	46.08	45.69	45.30	44.92	44.53	44.14	43.75	43.36	42.98	42.59
0.2	42.20	41.82	41.43	41.05	40.67	40.29	39.91	39.53	39.15	38.77
0.3	38.39	38.01	37.64	37.26	36.89	36.52	36.15	35.78	35.41	35.04
0.4	34.67	34.31	33.95	33.58	33.22	32.86	32.51	32.15	31.79	31.44
0.5	31.09	30.74	30.39	30.04	29.70	29.35	29.01	28.67	28.33	27.99
0.6	27.66	27.32	26.99	26.66	26.33	26.01	25.68	25.36	25.04	24.72
0.7	24.41	24.09	23.78	23.47	23.16	22.85	22.55	22.25	21.95	21.65
0.8	21.35	21.06	20.77	20.48	20.19	19.90	19.62	19.34	19.06	18.79
0.9	18.51	18.24	17.97	17.70	17.44	17.18	16.91	16.66	16.40	16.15
1.0	15.90	15.65	15.40	15.16	14.92	14.68	14.44	14.20	13.97	13.74
1.1	13.51	13.29	13.07	12.84	12.63	12.41	12.20	11.99	11.78	11.57
1.2	11.37	11.16	10.96	10.77	10.57	10.38	10.19	10.00	9.81	9.63
1.3	9.45	9.27	9.09	8.92	8.75	8.58	8.41	8.25	8.08	7.92
1.4	7.76	7.61	7.45	7.30	7.15	7.00	6.86	6.71	6.57	6.43
1.5	6.29	6.16	6.03	5.90	5.77	5.64	5.51	5.39	5.27	5.15
1.6	5.03	4.92	4.80	4.69	4.58	4.48	4.37	4.27	4.16	4.06
1.7	3.96	3.87	3.77	3.68	3.59	3.50	3.41	3.32	3.24	3.15
1.8	3.07	2.99	2.91	2.84	2.76	2.69	2.62	2.54	2.47	2.41
1.9	2.34	2.27	2.21	2.15	2.09	2.03	1.97	1.91	1.86	1.80
2.0	1.75	1.70	1.65	1.60	1.55	1.50	1.45	1.41	1.36	1.32
2.1	1.28	1.24	1.20	1.16	1.12	1.08	1.05	1.01	0.98	0.95
2.2	0.91	0.88	0.85	0.82	0.79	0.77	0.74	0.71	0.69	0.66
2.3	0.64	0.61	0.59	0.57	0.55	0.53	0.51	0.49	0.47	0.45
2.4	0.43	0.41	0.40	0.38	0.37	0.35	0.34	0.32	0.31	0.30
2.5	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19
2.6	0.18	0.17	0.16	0.15	0.15	0.14	0.13	0.13	0.12	0.11
2.7	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	0.07	0.07
2.8	0.06	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04
2.9	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02
3.0	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD				
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
	19										
0.0	50.00	49.61	49.22	48.82	48.43	48.04	47.65	47.25	46.86	46.47	
0.1	46.08	45.69	45.30	44.91	44.52	44.13	43.74	43.36	42.97	42.58	
0.2	42.20	41.81	41.43	41.04	40.66	40.28	39.90	39.51	39.13	38.76	
0.3	38.38	38.00	37.63	37.25	36.88	36.51	36.13	35.76	35.40	35.03	
0.4	34.66	34.30	33.93	33.57	33.21	32.85	32.49	32.13	31.78	31.43	
0.5	31.07	30.72	30.37	30.03	29.68	29.34	28.99	28.65	28.31	27.98	
0.6	27.64	27.31	26.98	26.65	26.32	25.99	25.67	25.35	25.03	24.71	
0.7	24.39	24.08	23.76	23.45	23.15	22.84	22.54	22.23	21.93	21.64	
0.8	21.34	21.05	20.75	20.47	20.18	19.89	19.61	19.33	19.05	18.78	
0.9	18.50	18.23	17.96	17.70	17.43	17.17	16.91	16.65	16.40	16.14	
1.0	15.89	15.64	15.40	15.16	14.91	14.67	14.44	14.20	13.97	13.74	
1.1	13.52	13.29	13.07	12.85	12.63	12.41	12.20	11.99	11.78	11.58	
1.2	11.37	11.17	10.97	10.78	10.58	10.39	10.20	10.01	9.83	9.64	
1.3	9.46	9.29	9.11	8.94	8.76	8.59	8.43	8.26	8.10	7.94	
1.4	7.78	7.63	7.47	7.32	7.17	7.02	6.88	6.73	6.59	6.45	
1.5	6.32	6.18	6.05	5.92	5.79	5.66	5.54	5.42	5.30	5.18	
1.6	5.06	4.95	4.83	4.72	4.61	4.51	4.40	4.30	4.19	4.09	
1.7	4.00	3.90	3.80	3.71	3.62	3.53	3.44	3.35	3.27	3.19	
1.8	3.11	3.03	2.95	2.87	2.79	2.72	2.65	2.58	2.51	2.44	
1.9	2.37	2.31	2.24	2.18	2.12	2.06	2.00	1.94	1.89	1.83	
2.0	1.78	1.73	1.68	1.63	1.58	1.53	1.48	1.44	1.39	1.35	
2.1	1.31	1.27	1.23	1.19	1.15	1.11	1.08	1.04	1.01	0.98	
2.2	0.94	0.91	0.88	0.85	0.82	0.79	0.76	0.74	0.71	0.69	
2.3	0.66	0.64	0.62	0.59	0.57	0.55	0.53	0.51	0.49	0.47	
2.4	0.45	0.44	0.42	0.40	0.39	0.37	0.36	0.34	0.33	0.31	
2.5	0.30	0.29	0.28	0.26	0.25	0.24	0.23	0.22	0.21	0.20	
2.6	0.19	0.18	0.18	0.17	0.16	0.15	0.15	0.14	0.13	0.13	
2.7	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.07	
2.8	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	
2.9	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.02	0.02	
3.0	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	
3.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD			
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.43	48.04	47.64	47.25	46.86	46.47
0.1	46.08	45.69	45.30	44.91	44.52	44.13	43.74	43.35	42.96	42.57
0.2	42.19	41.80	41.42	41.03	40.65	40.27	39.89	39.51	39.13	38.75
0.3	38.37	37.99	37.62	37.24	36.87	36.49	36.12	35.75	35.38	35.02
0.4	34.65	34.28	33.92	33.56	33.20	32.84	32.48	32.12	31.77	31.41
0.5	31.06	30.71	30.36	30.01	29.67	29.32	28.98	28.64	28.30	27.96
0.6	27.63	27.30	26.96	26.63	26.31	25.98	25.66	25.33	25.01	24.70
0.7	24.38	24.06	23.75	23.44	23.13	22.83	22.52	22.22	21.92	21.63
0.8	21.33	21.04	20.75	20.46	20.17	19.89	19.60	19.32	19.05	18.77
0.9	18.50	18.23	17.96	17.69	17.43	17.16	16.90	16.65	16.39	16.14
1.0	15.89	15.64	15.40	15.15	14.91	14.67	14.44	14.20	13.97	13.74
1.1	13.52	13.29	13.07	12.85	12.63	12.42	12.21	12.00	11.79	11.58
1.2	11.38	11.18	10.98	10.78	10.59	10.40	10.21	10.02	9.84	9.66
1.3	9.48	9.30	9.12	8.95	8.78	8.61	8.44	8.28	8.12	7.96
1.4	7.80	7.64	7.49	7.34	7.19	7.04	6.90	6.75	6.61	6.48
1.5	6.34	6.20	6.07	5.94	5.81	5.69	5.56	5.44	5.32	5.20
1.6	5.08	4.97	4.86	4.75	4.64	4.53	4.43	4.32	4.22	4.12
1.7	4.02	3.93	3.83	3.74	3.65	3.56	3.47	3.38	3.30	3.21
1.8	3.13	3.05	2.98	2.90	2.82	2.75	2.68	2.61	2.54	2.47
1.9	2.40	2.34	2.27	2.21	2.15	2.09	2.03	1.97	1.92	1.86
2.0	1.81	1.76	1.71	1.66	1.61	1.56	1.51	1.47	1.42	1.38
2.1	1.34	1.30	1.26	1.22	1.18	1.14	1.10	1.07	1.03	1.00
2.2	0.97	0.94	0.90	0.87	0.85	0.82	0.79	0.76	0.74	0.71
2.3	0.68	0.66	0.64	0.61	0.59	0.57	0.55	0.53	0.51	0.49
2.4	0.47	0.45	0.44	0.42	0.40	0.39	0.37	0.36	0.34	0.33
2.5	0.32	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22
2.6	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.15	0.14	0.14
2.7	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08
2.8	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05
2.9	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
3.0	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01
3.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.2	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD			
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.43	48.03	47.64	47.25	46.86	46.47
0.1	46.07	45.68	45.29	44.90	44.51	44.12	43.73	43.34	42.96	42.57
0.2	42.18	41.80	41.41	41.03	40.64	40.26	39.88	39.50	39.12	38.74
0.3	38.36	37.98	37.61	37.23	36.86	36.48	36.11	35.74	35.37	35.00
0.4	34.64	34.27	33.91	33.55	33.18	32.82	32.47	32.11	31.75	31.40
0.5	31.05	30.70	30.35	30.00	29.66	29.31	28.97	28.63	28.29	27.95
0.6	27.62	27.28	26.95	26.62	26.29	25.97	25.64	25.32	25.00	24.68
0.7	24.37	24.05	23.74	23.43	23.12	22.82	22.51	22.21	21.91	21.62
0.8	21.32	21.03	20.74	20.45	20.16	19.88	19.60	19.32	19.04	18.76
0.9	18.49	18.22	17.95	17.69	17.42	17.16	16.90	16.64	16.39	16.14
1.0	15.89	15.64	15.40	15.15	14.91	14.67	14.44	14.20	13.97	13.75
1.1	13.52	13.30	13.07	12.85	12.64	12.42	12.21	12.00	11.79	11.59
1.2	11.39	11.19	10.99	10.79	10.60	10.41	10.22	10.03	9.85	9.67
1.3	9.49	9.31	9.13	8.96	8.79	8.62	8.46	8.29	8.13	7.97
1.4	7.81	7.66	7.50	7.35	7.21	7.06	6.91	6.77	6.63	6.49
1.5	6.36	6.22	6.09	5.96	5.83	5.71	5.58	5.46	5.34	5.22
1.6	5.11	4.99	4.88	4.77	4.66	4.55	4.45	4.34	4.24	4.14
1.7	4.05	3.95	3.86	3.76	3.67	3.58	3.49	3.41	3.32	3.24
1.8	3.16	3.08	3.00	2.92	2.85	2.77	2.70	2.63	2.56	2.49
1.9	2.43	2.36	2.30	2.24	2.17	2.11	2.06	2.00	1.94	1.89
2.0	1.83	1.78	1.73	1.68	1.63	1.58	1.54	1.49	1.45	1.40
2.1	1.36	1.32	1.28	1.24	1.20	1.16	1.13	1.09	1.06	1.02
2.2	0.99	0.96	0.93	0.90	0.87	0.84	0.81	0.78	0.76	0.73
2.3	0.71	0.68	0.66	0.63	0.61	0.59	0.57	0.55	0.53	0.51
2.4	0.49	0.47	0.45	0.44	0.42	0.40	0.39	0.37	0.36	0.35
2.5	0.33	0.32	0.31	0.29	0.28	0.27	0.26	0.25	0.24	0.23
2.6	0.22	0.21	0.20	0.19	0.18	0.18	0.17	0.16	0.15	0.15
2.7	0.14	0.13	0.13	0.12	0.12	0.11	0.10	0.10	0.10	0.09
2.8	0.09	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05
2.9	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03
3.0	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3.1	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD				
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
0.0	50.00	49.61	49.21	48.82	48.43	48.03	47.64	47.25	46.85	46.46	
0.1	46.07	45.68	45.29	44.90	44.51	44.12	43.73	43.34	42.95	42.56	
0.2	42.18	41.79	41.40	41.02	40.64	40.25	39.87	39.49	39.11	38.73	
0.3	38.35	37.97	37.60	37.22	36.85	36.47	36.10	35.73	35.36	34.99	
0.4	34.63	34.26	33.90	33.54	33.17	32.81	32.46	32.10	31.74	31.39	
0.5	31.04	30.69	30.34	29.99	29.64	29.30	28.96	28.62	28.28	27.94	
0.6	27.61	27.27	26.94	26.61	26.28	25.96	25.63	25.31	24.99	24.67	
0.7	24.36	24.04	23.73	23.42	23.12	22.81	22.51	22.20	21.91	21.61	
0.8	21.31	21.02	20.73	20.44	20.16	19.87	19.59	19.31	19.03	18.76	
0.9	18.49	18.21	17.95	17.68	17.42	17.16	16.90	16.64	16.39	16.14	
1.0	15.89	15.64	15.39	15.15	14.91	14.67	14.44	14.21	13.97	13.75	
1.1	13.52	13.30	13.08	12.86	12.64	12.43	12.21	12.01	11.80	11.59	
1.2	11.39	11.19	10.99	10.80	10.61	10.41	10.23	10.04	9.86	9.67	
1.3	9.50	9.32	9.14	8.97	8.80	8.63	8.47	8.30	8.14	7.98	
1.4	7.83	7.67	7.52	7.37	7.22	7.07	6.93	6.79	6.65	6.51	
1.5	6.37	6.24	6.11	5.98	5.85	5.73	5.60	5.48	5.36	5.24	
1.6	5.13	5.01	4.90	4.79	4.68	4.57	4.47	4.37	4.26	4.16	
1.7	4.07	3.97	3.88	3.78	3.69	3.60	3.52	3.43	3.35	3.26	
1.8	3.18	3.10	3.02	2.95	2.87	2.80	2.73	2.65	2.59	2.52	
1.9	2.45	2.39	2.32	2.26	2.20	2.14	2.08	2.02	1.97	1.91	
2.0	1.86	1.80	1.75	1.70	1.65	1.61	1.56	1.51	1.47	1.43	
2.1	1.38	1.34	1.30	1.26	1.22	1.19	1.15	1.11	1.08	1.04	
2.2	1.01	0.98	0.95	0.92	0.89	0.86	0.83	0.80	0.77	0.75	
2.3	0.72	0.70	0.67	0.65	0.63	0.61	0.59	0.56	0.54	0.53	
2.4	0.51	0.49	0.47	0.45	0.44	0.42	0.40	0.39	0.37	0.36	
2.5	0.35	0.33	0.32	0.31	0.29	0.28	0.27	0.26	0.25	0.24	
2.6	0.23	0.22	0.21	0.20	0.19	0.19	0.18	0.17	0.16	0.16	
2.7	0.15	0.14	0.14	0.13	0.12	0.12	0.11	0.11	0.10	0.10	
2.8	0.09	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	
2.9	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	
3.0	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
3.1	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 23									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.43	48.03	47.64	47.25	46.85	46.46
0.1	46.07	45.68	45.28	44.89	44.50	44.11	43.72	43.33	42.95	42.56
0.2	42.17	41.78	41.40	41.01	40.63	40.25	39.86	39.48	39.10	38.72
0.3	38.34	37.97	37.59	37.21	36.84	36.47	36.09	35.72	35.35	34.99
0.4	34.62	34.25	33.89	33.53	33.17	32.81	32.45	32.09	31.73	31.38
0.5	31.03	30.68	30.33	29.98	29.64	29.29	28.95	28.61	28.27	27.93
0.6	27.60	27.26	26.93	26.60	26.27	25.95	25.63	25.30	24.98	24.67
0.7	24.35	24.04	23.72	23.41	23.11	22.80	22.50	22.20	21.90	21.60
0.8	21.31	21.01	20.72	20.43	20.15	19.87	19.58	19.30	19.03	18.75
0.9	18.48	18.21	17.94	17.68	17.41	17.15	16.89	16.64	16.38	16.13
1.0	15.88	15.64	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75
1.1	13.52	13.30	13.08	12.86	12.64	12.43	12.22	12.01	11.80	11.60
1.2	11.40	11.20	11.00	10.80	10.61	10.42	10.23	10.05	9.86	9.68
1.3	9.50	9.33	9.15	8.98	8.81	8.64	8.48	8.31	8.15	7.99
1.4	7.84	7.68	7.53	7.38	7.23	7.09	6.94	6.80	6.66	6.52
1.5	6.39	6.26	6.12	5.99	5.87	5.74	5.62	5.50	5.38	5.26
1.6	5.14	5.03	4.92	4.81	4.70	4.59	4.49	4.38	4.28	4.18
1.7	4.09	3.99	3.90	3.80	3.71	3.62	3.54	3.45	3.37	3.28
1.8	3.20	3.12	3.04	2.97	2.89	2.82	2.75	2.68	2.61	2.54
1.9	2.47	2.41	2.34	2.28	2.22	2.16	2.10	2.04	1.99	1.93
2.0	1.88	1.83	1.77	1.72	1.67	1.63	1.58	1.53	1.49	1.45
2.1	1.40	1.36	1.32	1.28	1.24	1.20	1.17	1.13	1.10	1.06
2.2	1.03	1.00	0.96	0.93	0.90	0.87	0.85	0.82	0.79	0.77
2.3	0.74	0.71	0.69	0.67	0.64	0.62	0.60	0.58	0.56	0.54
2.4	0.52	0.50	0.48	0.47	0.45	0.43	0.42	0.40	0.39	0.37
2.5	0.36	0.34	0.33	0.32	0.31	0.29	0.28	0.27	0.26	0.25
2.6	0.24	0.23	0.22	0.21	0.20	0.19	0.19	0.18	0.17	0.16
2.7	0.16	0.15	0.14	0.14	0.13	0.13	0.12	0.11	0.11	0.10
2.8	0.10	0.09	0.09	0.09	0.08	0.08	0.07	0.07	0.07	0.06
2.9	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04
3.0	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02
3.1	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01
3.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.3	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	SAMPLE SIZE 24									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.64	47.24	46.85	46.46
0.1	46.07	45.67	45.28	44.89	44.50	44.11	43.72	43.33	42.94	42.55
0.2	42.17	41.78	41.39	41.01	40.62	40.24	39.86	39.48	39.10	38.72
0.3	38.34	37.96	37.58	37.21	36.83	36.46	36.09	35.72	35.35	34.98
0.4	34.61	34.25	33.88	33.52	33.16	32.80	32.44	32.08	31.73	31.37
0.5	31.02	30.67	30.32	29.97	29.63	29.28	28.94	28.60	28.26	27.92
0.6	27.59	27.26	26.92	26.59	26.27	25.94	25.62	25.30	24.98	24.66
0.7	24.34	24.03	23.72	23.41	23.10	22.79	22.49	22.19	21.89	21.59
0.8	21.30	21.01	20.72	20.43	20.14	19.86	19.58	19.30	19.02	18.75
0.9	18.48	18.21	17.94	17.67	17.41	17.15	16.89	16.64	16.38	16.13
1.0	15.88	15.64	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75
1.1	13.52	13.30	13.08	12.86	12.65	12.43	12.22	12.01	11.81	11.60
1.2	11.40	11.20	11.00	10.81	10.62	10.43	10.24	10.05	9.87	9.69
1.3	9.51	9.34	9.16	8.99	8.82	8.65	8.49	8.32	8.16	8.01
1.4	7.85	7.69	7.54	7.39	7.24	7.10	6.96	6.81	6.67	6.54
1.5	6.40	6.27	6.14	6.01	5.88	5.76	5.63	5.51	5.39	5.27
1.6	5.16	5.05	4.93	4.82	4.72	4.61	4.50	4.40	4.30	4.20
1.7	4.10	4.01	3.91	3.82	3.73	3.64	3.55	3.47	3.38	3.30
1.8	3.22	3.14	3.06	2.99	2.91	2.84	2.76	2.69	2.62	2.56
1.9	2.49	2.43	2.36	2.30	2.24	2.18	2.12	2.06	2.01	1.95
2.0	1.90	1.84	1.79	1.74	1.69	1.64	1.60	1.55	1.51	1.46
2.1	1.42	1.38	1.34	1.30	1.26	1.22	1.18	1.15	1.11	1.08
2.2	1.05	1.01	0.98	0.95	0.92	0.89	0.86	0.83	0.81	0.78
2.3	0.75	0.73	0.71	0.68	0.66	0.64	0.61	0.59	0.57	0.55
2.4	0.53	0.52	0.50	0.48	0.46	0.45	0.43	0.41	0.40	0.38
2.5	0.37	0.36	0.34	0.33	0.32	0.30	0.29	0.28	0.27	0.26
2.6	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.19	0.18	0.17
2.7	0.16	0.16	0.15	0.14	0.14	0.13	0.13	0.12	0.12	0.11
2.8	0.10	0.10	0.10	0.09	0.09	0.08	0.08	0.08	0.07	0.07
2.9	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	0.04
3.0	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02
3.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01
3.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.3	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE					SAMPLE SIZE 25	STANDARD DEVIATION METHOD				
	0.00	0.01	0.02	0.03	0.04		0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.64	47.24	46.85	46.46	
0.1	46.06	45.67	45.28	44.89	44.50	44.11	43.72	43.33	42.94	42.55	
0.2	42.16	41.78	41.39	41.00	40.62	40.24	39.85	39.47	39.09	38.71	
0.3	38.33	37.95	37.58	37.20	36.83	36.45	36.08	35.71	35.34	34.97	
0.4	34.60	34.24	33.87	33.51	33.15	32.79	32.43	32.07	31.72	31.36	
0.5	31.01	30.66	30.31	29.96	29.62	29.27	28.93	28.59	28.25	27.92	
0.6	27.58	27.25	26.92	26.59	26.26	25.93	25.61	25.29	24.97	24.65	
0.7	24.33	24.02	23.71	23.40	23.09	22.79	22.48	22.18	21.89	21.59	
0.8	21.29	21.00	20.71	20.42	20.14	19.86	19.57	19.30	19.02	18.74	
0.9	18.47	18.20	17.94	17.67	17.41	17.15	16.89	16.63	16.38	16.13	
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75	
1.1	13.52	13.30	13.08	12.86	12.65	12.44	12.22	12.02	11.81	11.61	
1.2	11.41	11.21	11.01	10.82	10.62	10.43	10.25	10.06	9.88	9.70	
1.3	9.52	9.34	9.17	9.00	8.83	8.66	8.50	8.33	8.17	8.01	
1.4	7.86	7.70	7.55	7.40	7.26	7.11	6.97	6.83	6.69	6.55	
1.5	6.41	6.28	6.15	6.02	5.89	5.77	5.65	5.53	5.41	5.29	
1.6	5.17	5.06	4.95	4.84	4.73	4.62	4.52	4.42	4.32	4.22	
1.7	4.12	4.02	3.93	3.84	3.75	3.66	3.57	3.48	3.40	3.32	
1.8	3.24	3.16	3.08	3.00	2.93	2.85	2.78	2.71	2.64	2.57	
1.9	2.51	2.44	2.38	2.32	2.25	2.19	2.14	2.08	2.02	1.97	
2.0	1.91	1.86	1.81	1.76	1.71	1.66	1.61	1.57	1.52	1.48	
2.1	1.44	1.39	1.35	1.31	1.28	1.24	1.20	1.16	1.13	1.09	
2.2	1.06	1.03	1.00	0.96	0.93	0.91	0.88	0.85	0.82	0.79	
2.3	0.77	0.74	0.72	0.70	0.67	0.65	0.63	0.61	0.59	0.57	
2.4	0.55	0.53	0.51	0.49	0.47	0.46	0.44	0.42	0.41	0.39	
2.5	0.38	0.37	0.35	0.34	0.33	0.31	0.30	0.29	0.28	0.27	
2.6	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.19	0.18	
2.7	0.17	0.16	0.16	0.15	0.14	0.14	0.13	0.13	0.12	0.12	
2.8	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.08	0.07	
2.9	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.04	
3.0	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	
3.1	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	
3.2	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	SAMPLE SIZE 26									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.63	47.24	46.85	46.45
0.1	46.06	45.67	45.28	44.88	44.49	44.10	43.71	43.32	42.93	42.55
0.2	42.16	41.77	41.38	41.00	40.61	40.23	39.85	39.47	39.08	38.70
0.3	38.33	37.95	37.57	37.20	36.82	36.45	36.07	35.70	35.33	34.97
0.4	34.60	34.23	33.87	33.50	33.14	32.78	32.42	32.07	31.71	31.36
0.5	31.00	30.65	30.30	29.96	29.61	29.27	28.92	28.58	28.25	27.91
0.6	27.57	27.24	26.91	26.58	26.25	25.93	25.60	25.28	24.96	24.64
0.7	24.33	24.02	23.70	23.39	23.09	22.78	22.48	22.18	21.88	21.58
0.8	21.29	21.00	20.71	20.42	20.13	19.85	19.57	19.29	19.01	18.74
0.9	18.47	18.20	17.93	17.67	17.41	17.15	16.89	16.63	16.38	16.13
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75
1.1	13.53	13.30	13.08	12.87	12.65	12.44	12.23	12.02	11.81	11.61
1.2	11.41	11.21	11.01	10.82	10.63	10.44	10.25	10.07	9.88	9.70
1.3	9.53	9.35	9.18	9.00	8.84	8.67	8.50	8.34	8.18	8.02
1.4	7.87	7.71	7.56	7.41	7.27	7.12	6.98	6.84	6.70	6.56
1.5	6.43	6.29	6.16	6.03	5.91	5.78	5.66	5.54	5.42	5.30
1.6	5.19	5.07	4.96	4.85	4.74	4.64	4.53	4.43	4.33	4.23
1.7	4.13	4.04	3.94	3.85	3.76	3.67	3.59	3.50	3.42	3.33
1.8	3.25	3.17	3.09	3.02	2.94	2.87	2.80	2.73	2.66	2.59
1.9	2.52	2.46	2.39	2.33	2.27	2.21	2.15	2.09	2.04	1.98
2.0	1.93	1.88	1.82	1.77	1.72	1.68	1.63	1.58	1.54	1.49
2.1	1.45	1.41	1.37	1.33	1.29	1.25	1.21	1.18	1.14	1.11
2.2	1.07	1.04	1.01	0.98	0.95	0.92	0.89	0.86	0.83	0.81
2.3	0.78	0.76	0.73	0.71	0.68	0.66	0.64	0.62	0.60	0.58
2.4	0.56	0.54	0.52	0.50	0.48	0.47	0.45	0.43	0.42	0.40
2.5	0.39	0.38	0.36	0.35	0.34	0.32	0.31	0.30	0.29	0.28
2.6	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.19
2.7	0.18	0.17	0.16	0.16	0.15	0.14	0.14	0.13	0.13	0.12
2.8	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08	0.08
2.9	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05	0.05
3.0	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03
3.1	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3.2	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

VARIABILITY-UNKNOWN PROCEDURE	STANDARD DEVIATION METHOD									
	SAMPLE SIZE 27									
Q	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.63	47.24	46.85	46.45
0.1	46.06	45.67	45.27	44.88	44.49	44.10	43.71	43.32	42.93	42.54
0.2	42.15	41.77	41.38	41.00	40.61	40.23	39.84	39.46	39.08	38.70
0.3	38.32	37.94	37.57	37.19	36.82	36.44	36.07	35.70	35.33	34.96
0.4	34.59	34.23	33.86	33.50	33.14	32.78	32.42	32.06	31.70	31.35
0.5	31.00	30.65	30.30	29.95	29.60	29.26	28.92	28.58	28.24	27.90
0.6	27.57	27.23	26.90	26.57	26.25	25.92	25.60	25.28	24.96	24.64
0.7	24.32	24.01	23.70	23.39	23.08	22.78	22.47	22.17	21.87	21.58
0.8	21.28	20.99	20.70	20.42	20.13	19.85	19.57	19.29	19.01	18.74
0.9	18.47	18.20	17.93	17.67	17.40	17.14	16.89	16.63	16.38	16.13
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75
1.1	13.53	13.31	13.09	12.87	12.65	12.44	12.23	12.02	11.82	11.61
1.2	11.41	11.21	11.02	10.82	10.63	10.44	10.26	10.07	9.89	9.71
1.3	9.53	9.36	9.18	9.01	8.84	8.68	8.51	8.35	8.19	8.03
1.4	7.88	7.72	7.57	7.42	7.27	7.13	6.99	6.85	6.71	6.57
1.5	6.44	6.30	6.17	6.04	5.92	5.79	5.67	5.55	5.43	5.31
1.6	5.20	5.08	4.97	4.86	4.76	4.65	4.55	4.44	4.34	4.24
1.7	4.15	4.05	3.96	3.87	3.78	3.69	3.60	3.51	3.43	3.35
1.8	3.27	3.19	3.11	3.03	2.96	2.88	2.81	2.74	2.67	2.60
1.9	2.54	2.47	2.41	2.35	2.28	2.22	2.17	2.11	2.05	2.00
2.0	1.94	1.89	1.84	1.79	1.74	1.69	1.64	1.60	1.55	1.51
2.1	1.47	1.42	1.38	1.34	1.30	1.26	1.23	1.19	1.16	1.12
2.2	1.09	1.05	1.02	0.99	0.96	0.93	0.90	0.87	0.85	0.82
2.3	0.79	0.77	0.74	0.72	0.70	0.67	0.65	0.63	0.61	0.59
2.4	0.57	0.55	0.53	0.51	0.49	0.48	0.46	0.44	0.43	0.41
2.5	0.40	0.38	0.37	0.36	0.34	0.33	0.32	0.31	0.30	0.28
2.6	0.27	0.26	0.25	0.24	0.23	0.22	0.22	0.21	0.20	0.19
2.7	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.14	0.13	0.13
2.8	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08	0.08
2.9	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.05	0.05	0.05
3.0	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03
3.1	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02
3.2	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE									
	SAMPLE SIZE 28									
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.63	47.24	46.84	46.45
0.1	46.06	45.66	45.27	44.88	44.49	44.10	43.71	43.32	42.93	42.54
0.2	42.15	41.76	41.38	40.99	40.61	40.22	39.84	39.46	39.08	38.70
0.3	38.32	37.94	37.56	37.18	36.81	36.44	36.06	35.69	35.32	34.95
0.4	34.59	34.22	33.86	33.49	33.13	32.77	32.41	32.05	31.70	31.34
0.5	30.99	30.64	30.29	29.94	29.60	29.25	28.91	28.57	28.23	27.90
0.6	27.56	27.23	26.90	26.57	26.24	25.91	25.59	25.27	24.95	24.63
0.7	24.32	24.00	23.69	23.38	23.08	22.77	22.47	22.17	21.87	21.57
0.8	21.28	20.99	20.70	20.41	20.13	19.84	19.56	19.28	19.01	18.73
0.9	18.46	18.19	17.93	17.66	17.40	17.14	16.88	16.63	16.38	16.13
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75
1.1	13.53	13.31	13.09	12.87	12.66	12.44	12.23	12.03	11.82	11.62
1.2	11.42	11.22	11.02	10.83	10.64	10.45	10.26	10.08	9.89	9.71
1.3	9.54	9.36	9.19	9.02	8.85	8.68	8.52	8.36	8.20	8.04
1.4	7.88	7.73	7.58	7.43	7.28	7.14	7.00	6.86	6.72	6.58
1.5	6.45	6.31	6.18	6.05	5.93	5.80	5.68	5.56	5.44	5.32
1.6	5.21	5.10	4.98	4.88	4.77	4.66	4.56	4.46	4.36	4.26
1.7	4.16	4.06	3.97	3.88	3.79	3.70	3.61	3.53	3.44	3.36
1.8	3.28	3.20	3.12	3.05	2.97	2.90	2.83	2.75	2.69	2.62
1.9	2.55	2.49	2.42	2.36	2.30	2.24	2.18	2.12	2.07	2.01
2.0	1.96	1.90	1.85	1.80	1.75	1.70	1.66	1.61	1.57	1.52
2.1	1.48	1.44	1.39	1.35	1.32	1.28	1.24	1.20	1.17	1.13
2.2	1.10	1.07	1.03	1.00	0.97	0.94	0.91	0.88	0.86	0.83
2.3	0.80	0.78	0.75	0.73	0.71	0.68	0.66	0.64	0.62	0.60
2.4	0.58	0.56	0.54	0.52	0.50	0.49	0.47	0.45	0.44	0.42
2.5	0.41	0.39	0.38	0.36	0.35	0.34	0.33	0.31	0.30	0.29
2.6	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.21	0.20
2.7	0.19	0.18	0.17	0.17	0.16	0.15	0.15	0.14	0.14	0.13
2.8	0.12	0.12	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.08
2.9	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.05
3.0	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	0.03
3.1	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
3.2	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
3.4	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE 29	STANDARD DEVIATION METHOD					
	0.00	0.01	0.02	0.03		0.04	0.05	0.06	0.07	0.08	0.09
0.0	50.00	49.61	49.21	48.82	48.42	48.03	47.63	47.24	46.84	46.45	
0.1	46.06	45.66	45.27	44.88	44.49	44.10	43.70	43.31	42.93	42.54	
0.2	42.15	41.76	41.37	40.99	40.60	40.22	39.84	39.45	39.07	38.69	
0.3	38.31	37.93	37.56	37.18	36.81	36.43	36.06	35.69	35.32	34.95	
0.4	34.58	34.22	33.85	33.49	33.13	32.77	32.41	32.05	31.69	31.34	
0.5	30.99	30.64	30.29	29.94	29.59	29.25	28.91	28.57	28.23	27.89	
0.6	27.56	27.22	26.89	26.56	26.23	25.91	25.59	25.26	24.95	24.63	
0.7	24.31	24.00	23.69	23.38	23.07	22.77	22.46	22.16	21.87	21.57	
0.8	21.28	20.98	20.69	20.41	20.12	19.84	19.56	19.28	19.01	18.73	
0.9	18.46	18.19	17.93	17.66	17.40	17.14	16.88	16.63	16.37	16.12	
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75	
1.1	13.53	13.31	13.09	12.87	12.66	12.44	12.24	12.03	11.82	11.62	
1.2	11.42	11.22	11.03	10.83	10.64	10.45	10.27	10.08	9.90	9.72	
1.3	9.54	9.37	9.19	9.02	8.85	8.69	8.52	8.36	8.20	8.05	
1.4	7.89	7.74	7.59	7.44	7.29	7.15	7.00	6.86	6.73	6.59	
1.5	6.45	6.32	6.19	6.06	5.94	5.81	5.69	5.57	5.45	5.33	
1.6	5.22	5.11	5.00	4.89	4.78	4.67	4.57	4.47	4.37	4.27	
1.7	4.17	4.08	3.98	3.89	3.80	3.71	3.62	3.54	3.45	3.37	
1.8	3.29	3.21	3.13	3.06	2.98	2.91	2.84	2.77	2.70	2.63	
1.9	2.56	2.50	2.43	2.37	2.31	2.25	2.19	2.13	2.08	2.02	
2.0	1.97	1.92	1.86	1.81	1.76	1.72	1.67	1.62	1.58	1.53	
2.1	1.49	1.45	1.41	1.37	1.33	1.29	1.25	1.21	1.18	1.14	
2.2	1.11	1.08	1.04	1.01	0.98	0.95	0.92	0.89	0.87	0.84	
2.3	0.81	0.79	0.76	0.74	0.71	0.69	0.67	0.65	0.63	0.61	
2.4	0.59	0.57	0.55	0.53	0.51	0.49	0.48	0.46	0.44	0.43	
2.5	0.41	0.40	0.39	0.37	0.36	0.35	0.33	0.32	0.31	0.30	
2.6	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	
2.7	0.19	0.19	0.18	0.17	0.17	0.16	0.15	0.15	0.14	0.13	
2.8	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.10	0.09	0.09	
2.9	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	0.06	
3.0	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.03	
3.1	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	
3.2	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.4	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

VALUES IN BODY OF TABLE ARE ESTIMATES OF PERCENT DEFECTIVE CORRESPONDING TO SPECIFIC VALUES OF $Q = (\text{AVERAGE} - \text{LOWER LIMIT}) / (\text{STANDARD DEVIATION})$ OR $Q = (\text{UPPER LIMIT} - \text{AVERAGE}) / (\text{STANDARD DEVIATION})$. FOR NEGATIVE Q VALUES, THE TABLE VALUES MUST BE SUBTRACTED FROM 100.

PERCENT DEFECTIVE ESTIMATION TABLE

Q	VARIABILITY-UNKNOWN PROCEDURE				SAMPLE SIZE		STANDARD DEVIATION METHOD				
	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
0.0	50.00	49.60	49.21	48.81	48.42	48.02	47.63	47.24	46.84	46.45	
0.1	46.05	45.66	45.27	44.88	44.48	44.09	43.70	43.31	42.92	42.53	
0.2	42.15	41.76	41.37	40.99	40.60	40.22	39.83	39.45	39.07	38.69	
0.3	38.31	37.93	37.55	37.18	36.80	36.43	36.05	35.68	35.31	34.94	
0.4	34.58	34.21	33.85	33.48	33.12	32.76	32.40	32.04	31.69	31.33	
0.5	30.98	30.63	30.28	29.93	29.59	29.24	28.90	28.56	28.22	27.89	
0.6	27.55	27.22	26.89	26.56	26.23	25.90	25.58	25.26	24.94	24.62	
0.7	24.31	23.99	23.68	23.37	23.07	22.76	22.46	22.16	21.86	21.57	
0.8	21.27	20.98	20.69	20.40	20.12	19.84	19.56	19.28	19.00	18.73	
0.9	18.46	18.19	17.92	17.66	17.40	17.14	16.88	16.63	16.37	16.12	
1.0	15.88	15.63	15.39	15.15	14.91	14.67	14.44	14.21	13.98	13.75	
1.1	13.53	13.31	13.09	12.87	12.66	12.45	12.24	12.03	11.82	11.62	
1.2	11.42	11.22	11.03	10.84	10.64	10.46	10.27	10.09	9.90	9.72	
1.3	9.55	9.37	9.20	9.03	8.86	8.69	8.53	8.37	8.21	8.05	
1.4	7.90	7.74	7.59	7.44	7.30	7.15	7.01	6.87	6.73	6.60	
1.5	6.46	6.33	6.20	6.07	5.95	5.82	5.70	5.58	5.46	5.34	
1.6	5.23	5.12	5.01	4.90	4.79	4.68	4.58	4.48	4.38	4.28	
1.7	4.18	4.09	3.99	3.90	3.81	3.72	3.63	3.55	3.47	3.38	
1.8	3.30	3.22	3.15	3.07	2.99	2.92	2.85	2.78	2.71	2.64	
1.9	2.57	2.51	2.45	2.38	2.32	2.26	2.20	2.14	2.09	2.03	
2.0	1.98	1.93	1.87	1.82	1.77	1.73	1.68	1.63	1.59	1.54	
2.1	1.50	1.46	1.42	1.38	1.34	1.30	1.26	1.22	1.19	1.15	
2.2	1.12	1.09	1.05	1.02	0.99	0.96	0.93	0.90	0.88	0.85	
2.3	0.82	0.80	0.77	0.75	0.72	0.70	0.68	0.66	0.63	0.61	
2.4	0.59	0.57	0.56	0.54	0.52	0.50	0.48	0.47	0.45	0.44	
2.5	0.42	0.41	0.39	0.38	0.37	0.35	0.34	0.33	0.32	0.30	
2.6	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.22	0.21	
2.7	0.20	0.19	0.18	0.18	0.17	0.16	0.16	0.15	0.14	0.14	
2.8	0.13	0.13	0.12	0.12	0.11	0.11	0.10	0.10	0.09	0.09	
2.9	0.09	0.08	0.08	0.08	0.07	0.07	0.07	0.06	0.06	0.06	
3.0	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04	
3.1	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	
3.2	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	
3.3	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
3.4	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	

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