

Sample	INITIAL SAMPLE SIZE 36			INITIAL SAMPLE SIZE 80			INITIAL SAMPLE SIZE 150			INITIAL SAMPLE SIZE 294		
Iteration	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional
1	8	145	222	15	145	188	23	145	153	60	145	204
2	2	75	56	4	75	50	24	145	160	30	145	102
3	4	75	111	8	145	100	14	145	93	61	145	207
4	15	145	417	22	145	275	25	145	167	52	145	177
5	4	70	111	4	70	50	17	145	113	45	145	153
6	3	70	83	7	70	88	19	70	127	52	145	177
7	8	75	222	9	145	113	33	145	220	36	70	122
8	4	75	111	11	75	138	7	145	47	28	145	95
9	0	0	0	8	75	100	35	145	233	51	145	173
10	3	70	83	6	145	75	16	145	107	36	145	122
11	6	145	167	18	145	225	31	145	207	49	145	167
12	11	70	306	20	145	250	19	145	120	22	145	75
13	2	75	56	8	70	100	28	145	187	47	145	160
14	5	75	139	13	145	163	28	145	187	37	145	126
15	1	70	28	11	70	138	19	145	127	32	145	109
16	8	145	222	11	145	138	28	145	187	30	145	102
17	7	145	194	15	145	188	11	145	73	49	75	167
18	7	145	194	24	145	300	16	145	107	62	145	211
19	9	75	250	14	145	175	13	145	87	28	145	95
20	7	75	194	9	145	113	21	145	140	48	145	163
21	4	75	111	9	145	113	20	145	133	41	145	139
22	3	75	83	15	145	188	20	145	133	38	145	129
23	7	145	194	17	145	213	19	70	127	54	145	184
24	2	70	56	5	145	63	21	145	140	34	145	116
25	13	145	351	20	145	250	22	145	147	45	145	153
26	5	145	139	9	145	113	29	145	193	47	145	160
27	3	75	83	13	145	163	24	75	160	60	145	204
28	1	70	28	10	70	125	20	75	133	40	145	136
29	10	145	278	13	145	163	23	145	153	42	145	143
30	5	75	139	15	145	188	20	145	133	53	145	180
Est. Var.		3973	9847.47		1428	4230.27		703	1762.20		351	1338.03
Est. Mean		94.67	154.60		125.50	151.53		135.30	143.13		140.17	148.37

Table 2: Rooms with 500 or More Spores, by Initial Sample Size and Iteration

Sample	INITIAL SAMPLE SIZE 36			INITIAL SAMPLE SIZE 80			INITIAL SAMPLE SIZE 150			INITIAL SAMPLE SIZE 294		
Iteration	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional
1	10	145	278	17	145	213	22	145	147	49	145	167
2	4	145	111	6	145	75	12	145	80	25	145	85
3	6	145	167	10	145	125	18	145	120	39	145	133
4	17	145	472	24	145	300	40	145	267	65	145	221
5	6	145	167	6	145	75	6	145	40	28	145	95
6	5	145	139	9	145	113	16	145	107	42	145	143
7	9	145	250	11	145	138	20	145	133	37	145	126
8	6	145	167	12	145	150	24	145	160	61	145	207
9	2	145	56	10	145	125	18	145	120	35	145	119
10	5	145	139	8	145	100	22	145	147	57	145	194
11	8	145	222	19	145	238	34	145	227	50	145	170
12	11	145	306	22	145	275	30	145	200	38	145	129
13	4	145	111	10	145	125	26	145	173	52	145	177
14	7	145	194	15	145	188	21	145	140	47	145	160
15	3	145	83	12	145	150	19	145	127	30	145	102
16	10	145	278	13	145	163	14	145	93	42	145	143
17	9	145	250	17	145	213	25	145	167	35	145	119
18	9	145	250	24	145	300	32	145	213	57	145	194
19	10	145	278	15	145	188	32	145	213	58	145	197
20	9	145	250	11	145	138	17	145	113	31	145	105
21	5	145	139	11	145	138	27	145	180	61	145	207
22	5	145	139	15	145	188	22	145	147	40	145	136
23	8	145	222	18	145	225	25	145	167	30	145	102
24	4	145	111	7	145	88	10	145	67	39	145	133
25	14	145	389	22	145	275	33	145	220	42	145	143
26	6	145	167	11	145	138	20	145	133	32	145	109
27	5	145	139	14	145	175	23	145	153	62	145	211
28	3	145	83	11	145	138	15	145	100	44	145	150
29	11	145	306	15	145	188	23	145	153	47	145	160
30	6	145	167	16	145	200	33	145	220	54	145	184
Est. Var.	11713.67			4512.80			2629.70			1483.30		
Est. Mean		145.00	201.00		145.00	171.50		145.00	150.90		145.00	150.70

Table 3: Rooms with 500 or More Spores, by Initial Sample Size and Iteration;
Units Containing Means Included with Certainty

Sample Iteration	Units Containing Means Not Included with Certainty			Units Containing Means Included with Certainty		
	Initial	Adaptive	Traditional	Initial	Adaptive	Traditional
1	25	225	313	27	225	338
2	6	112	75	8	225	100
3	19	225	238	20	225	250
4	29	113	363	31	225	388
5	9	113	113	11	225	138
6	10	225	125	12	225	150
7	14	225	175	16	225	200
8	18	225	225	19	225	238
9	9	225	113	11	225	138
10	13	225	163	15	225	188
11	26	225	325	27	225	338
12	26	225	325	28	225	350
13	11	225	138	13	225	163
14	14	225	175	16	225	200
15	14	113	175	15	225	188
16	19	225	238	21	225	263
17	25	225	313	27	225	338
18	34	225	425	34	225	425
19	20	225	250	21	225	263
20	11	225	138	13	225	163
21	11	225	138	13	225	163
22	16	225	200	16	225	200
23	27	225	338	28	225	350
24	12	225	150	14	225	175
25	26	225	325	28	225	350
26	18	225	225	20	225	250
27	19	225	238	20	225	250
28	8	113	100	9	225	113
29	19	225	238	21	225	263
30	21	225	263	22	225	275
Est. Var.		2098.17	7785.33			7606.8
Est. Mean		206.3	220.67			240.26

Table 4: Rooms with 500 or More Spores for Initial Sample Size of 80; Determinant of Covariance Matrix Equal to 7.29