TABLES FOR
DISCRIMINATION INTERVALS FOR PERCENTILES IN THE RANDOM-EFFECTS COVARIANCE MODEL

by

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Tables for Discrimination Intervals for Percentiles in the Random-Effects Covariance Model

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Summary

This technical report is intended as a supplement to the dissertation by Ames (1987). Included here are the tables of the mean squared errors and concentrations of the approximate degrees of freedom estimators of Chapter IV and the tables of empirical coverages of Chapter V. They are, in this order:

Mean Squared Error	Tables 1-27
Concentrations	Tables 28-54
Empirical Coverages	Tables 55-135.

Reference

Ames, M. H (1987). Discrimination Intervals for Percentiles in the Random-Effects Covariance Model. Ph.D. dissertation. Department of Statistics, Southern Methodist University.

TABLE 1 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	15.9979			
A,BC,H,THETA		3.000	6.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	4.6655	1.9265	0.9490	30.0187
MEAN	14.8391	15.1979	15.4882	11.9330

PROB	AOV EST LT 0	ML EST LT 0
	.2178	.2893

DF	15.3243			
A,BC,H,THETA		3.000	6.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	10.4479	4.6327	2.6412	44.2246
MEAN	13.8163	14.6323	15.0674	10.1407

PROB	AOV EST LT 0	ML EST LT 0
	.1319	.1790

DF	6.6596			
A,BC,H,THETA		3.000	6.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	26.4161	34.1432	39.7943	15.4520
MEAN	9.0460	10.5276	11.4587	5.7324

PROB	AOV EST LT 0	ML EST LT 0
	.0317	.0440

TABLE 2 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	8.2774			
A,BC,H,THETA		3.000	6.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	15.7609	20.8110	12.3036	17.5692
MEAN	8.7930	10.5298	9.9385	4.4462

PROB	AOV EST LT 0	ML EST LT 0
	.2178	.2893

DF	5.4783			
A,BC,H,THETA		3.000	6.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	18.0880	28.2774	20.4326	5.2062
MEAN	7.1950	8.7477	8.4890	3.8343

PROB	AOV EST LT 0	ML EST LT 0
	.1319	.1790

DF	2.6872			
A,BC,H,THETA		3.000	6.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	9.9655	16.3770	14.4953	1.1260
MEAN	4.0823	4.8776	5.0288	2.7226

PROB	AOV EST LT 0	ML EST LT 0
	.0317	.0440

TABLE 3 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	2.2042			
A,BC,H,THETA		3.000	6.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	0.0446	0.0927	0.0262	0.0177
MEAN	2.2670	2.3732	2.2903	2.0827

PROB	AOV EST LT 0	ML EST LT 0
	.2178	.2893

DF	2.1157			
A,BC,H,THETA		3.000	6.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	0.0405	0.0836	0.0329	0.0054
MEAN	2.1984	2.2807	2.2323	2.0629

PROB	AOV EST LT 0	ML EST LT 0
	.1319	.1790

DF	2.0259			
A,BC,H,THETA		3.000	6.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	0.0168	0.0331	0.0188	0.0012
MEAN	2.0771	2.1114	2.1065	2.0257

PROB	AOV EST LT 0	ML EST LT 0
	.0317	.0440

TABLE 4 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	61.4461			
A,BC,H,THETA		3.000	25.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	272.0071	156.2733	146.7104	985.8289
MEAN	59.1366	64.8677	65.0057	39.0580

PROB	AOV EST LT 0	ML EST LT 0
	.0713	.1036

DF	40.5725			
A,BC,H,THETA		3.000	25.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	514.2922	564.9964	555.7650	638.5459
MEAN	47.6614	55.3626	55.7943	27.8769

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0553

DF	7.6644			
A,BC,H,THETA		3.000	25.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	608.1249	875.1161	895.6573	221.9183
MEAN	20.6938	26.6396	27.3559	10.5385

PROB	AOV EST LT 0	ML EST LT 0
	.0079	.0117

TABLE 5 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	14.1705			
A,BC,H,THETA		3.000	25.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	601.5357	916.9386	697.3732	124.7263
MEAN	26.7992	34.6068	31.7966	11.1507

PROB	AOV EST LT 0	ML EST LT 0
	.0713	.1036

DF	7.2231			
A,BC,H,THETA		3.000	25.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	469.0285	734.2512	582.8505	77.2086
MEAN	18.2165	24.1361	22.5007	7.7599

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0553

DF	2.8316			
A,BC,H,THETA		3.000	25.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	133.8252	215.5012	177.5825	22.1539
MEAN	6.8772	8.9999	8.6968	3.6753

PROB	AOV EST LT 0	ML EST LT 0
	.0079	.0117

TABLE 6 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	3.3525			
A,BC,H,THETA		3.000	25.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	40.4120	90.3590	25.2678	1.5304
MEAN	6.1038	8.3649	6.2756	3.0611

PROB	AOV EST LT 0	ML EST LT 0
	.0713	.1036

DF	2.6609			
A,BC,H,THETA		3.000	25.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	24.0495	53.1673	16.5657	0.9579
MEAN	4.5441	5.9617	4.8154	2.6851

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0553

DF	2.1289			
A,BC,H,THETA		3.000	25.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	5.6559	12.3770	4.3218	0.2793
MEAN	2.7296	3.1353	2.8958	2.2126

PROB	AOV EST LT 0	ML EST LT 0
	.0079	.0117

TABLE 7 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 99.1590

A,BC,H,THETA	3.000	50.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	1697.5978	1536.3897	1489.8189	3389.9657
MEAN	105.7159	120.3375	120.0692	64.2342

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0557

DF 52.1689

A,BC,H,THETA	3.000	50.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	3015.4424	3890.2355	3835.5279	1940.4669
MEAN	79.2218	95.8468	95.9340	42.7223

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0288

DF 7.8308

A,BC,H,THETA	3.000	50.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	1958.5163	2857.7156	2860.5859	706.4746
MEAN	29.4738	39.2152	39.6314	14.0237

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0059

TABLE 8 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 15.8699

A,BC,H,THETA	3.000	50.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	2478.1213	3751.8611	3088.8216	531.0428
MEAN	42.4047	56.2258	52.2623	17.1981

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0557

DF 7.5933

A,BC,H,THETA	3.000	50.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	1630.3170	2521.8496	2111.4663	333.2635
MEAN	26.9272	36.6214	34.3453	11.0028

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0288

DF 2.8556

A,BC,H,THETA	3.000	50.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	400.4418	634.5619	538.8458	81.4437
MEAN	8.8185	11.8833	11.4082	4.3715

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0059

TABLE 9 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	3.6183			
A,BC,H,THETA		3.000	50.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	230.6477	488.0833	159.0326	8.4798
MEAN	9.5010	13.7785	10.0819	3.8260

PROB	AOV EST LT 0	ML EST LT 0
	.0377	.0557

DF	2.7670			
A,BC,H,THETA		3.000	50.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	125.6897	265.5862	90.6665	5.1002
MEAN	6.3747	8.8983	6.9337	3.1055

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0288

DF	2.1460			
A,BC,H,THETA		3.000	50.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	26.9706	57.1237	20.4232	1.2297
MEAN	3.1358	3.7903	3.3818	2.3096

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0059

TABLE 10 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	33.8199			
A,BC,H,THETA		6.000	6.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	7.1981	6.0957	3.9546	185.1415
MEAN	32.7499	32.7553	33.1521	22.2828

PROB	AOV EST LT 0	ML EST LT 0
	.0636	.0854

DF	33.4021			
A,BC,H,THETA		6.000	6.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	19.6041	12.8153	7.3133	312.4937
MEAN	31.5038	32.1191	32.8188	17.2652

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0268

DF	16.2749			
A,BC,H,THETA		6.000	6.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	65.4240	79.3805	103.5504	75.2500
MEAN	19.1297	20.9320	23.4928	8.3436

PROB	AOV EST LT 0	ML EST LT 0
	.0006	.0008

TABLE 11 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 19.9406

A,BC,H,THETA	6.000	6.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	53.5670	60.5886	36.5321	140.4303
MEAN	21.2657	23.1195	22.3395	8.3323

PROB	AOV EST LT 0	ML EST LT 0
	.0636	.0854

DF 13.5058

A,BC,H,THETA	6.000	6.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	55.0253	71.0834	55.8695	43.5759
MEAN	16.2578	17.9074	18.1030	7.1536

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0268

DF 6.7129

A,BC,H,THETA	6.000	6.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	11.3572	16.1306	18.9610	1.7664
MEAN	7.9233	8.5029	9.2079	5.5383

PROB	AOV EST LT 0	ML EST LT 0
	.0006	.0008

TABLE 12 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 5.5101

A,BC,H,THETA	6.000	6.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	0.2094	0.3173	0.0928	0.1592
MEAN	5.6654	5.7848	5.6543	5.1193

PROB	AOV EST LT 0	ML EST LT 0
	.0636	.0854

DF 5.2891

A,BC,H,THETA	6.000	6.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	0.1355	0.2038	0.0961	0.0480
MEAN	5.4274	5.5070	5.4730	5.0788

PROB	AOV EST LT 0	ML EST LT 0
	.0194	.0268

DF 5.0647

A,BC,H,THETA	6.000	6.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	0.0164	0.0244	0.0232	0.0024
MEAN	5.1066	5.1275	5.1498	5.0207

PROB	AOV EST LT 0	ML EST LT 0
	.0006	.0008

TABLE 13 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	131.3167				
A,BC,H,THETA		6.000	25.000	0.200	0.500
	AOV	ML	MQ1		MQ2
MSE	570.6781	400.8889	366.9169		7495.3868
MEAN	127.8407	133.4086	133.6659		51.4611

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0060

DF	92.6977				
A,BC,H,THETA		6.000	25.000	0.200	1.000
	AOV	ML	MQ1		MQ2
MSE	1239.7313	1273.5904	1235.3429		4579.4798
MEAN	99.4472	108.4092	109.7928		29.5896

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF	19.0391				
A,BC,H,THETA		6.000	25.000	0.200	5.000
	AOV	ML	MQ1		MQ2
MSE	749.6169	1045.3941	1131.1401		139.4431
MEAN	30.5538	35.8705	37.7038		9.1997

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 14 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	34.7411				
A,BC,H,THETA		6.000	25.000	1.000	0.500
	AOV	ML	MQ1		MQ2
MSE	1318.1815	1762.3273	1347.4343		567.7815
MEAN	50.4691	58.4441	55.2132		12.5150

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0060

DF	17.9562				
A,BC,H,THETA		6.000	25.000	1.000	1.000
	AOV	ML	MQ1		MQ2
MSE	675.3680	949.5091	788.1974		109.7888
MEAN	28.7782	33.7993	33.0079		8.7151

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF	7.0772				
A,BC,H,THETA		6.000	25.000	1.000	5.000
	AOV	ML	MQ1		MQ2
MSE	43.2661	64.4618	60.9353		3.0839
MEAN	8.9979	9.9241	10.1476		5.6858

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 15 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	8.3762			
A,BC,H,THETA	6.000	25.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	64.5033	102.4406	37.8361	6.6360
MEAN	11.2666	12.7516	11.3903	5.9828

PROB	AOV EST LT 0	ML EST LT 0
	.0040	.0060

DF	6.6513			
A,BC,H,THETA	6.000	25.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	20.0938	31.7648	14.9701	1.6056
MEAN	8.0582	8.7639	8.4265	5.5211

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF	5.3223			
A,BC,H,THETA	6.000	25.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	0.8631	1.3460	0.9453	0.0656
MEAN	5.5604	5.6791	5.7025	5.1081

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 16 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF	218.0605			
A,BC,H,THETA	6.000	50.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	4608.0895	4144.2364	3986.6269	26604.0192
MEAN	222.0687	238.3493	237.9822	68.1250

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF	122.9832			
A,BC,H,THETA	6.000	50.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	6713.8880	8041.8181	7928.8521	9376.4263
MEAN	151.9353	171.5000	172.5169	34.8418

PROB	AOV EST LT 0	ML EST LT 0
	.0002	.0003

DF	19.5133			
A,BC,H,THETA	6.000	50.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	1644.6703	2358.0257	2436.1926	174.1595
MEAN	35.2419	42.3977	43.5591	9.4103

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 17 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 39.2274

A,BC,H,THETA	6.000	50.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	4032.0452	5566.4703	4577.8571	831.2079
MEAN	67.0179	79.8685	75.9849	14.0402

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF 18.9253

A,BC,H,THETA	6.000	50.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	1548.1734	2226.9207	1914.4511	147.2308
MEAN	34.0826	40.9961	39.9916	9.1350

PROB	AOV EST LT 0	ML EST LT 0
	.0002	.0003

DF 7.1381

A,BC,H,THETA	6.000	50.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	70.1043	105.8739	97.7467	3.9419
MEAN	9.2604	10.2892	10.3926	5.7113

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 18 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 9.0422

A,BC,H,THETA	6.000	50.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	183.9638	288.3470	128.5370	10.3379
MEAN	13.2759	15.3533	13.9215	6.2394

PROB	AOV EST LT 0	ML EST LT 0
	.0008	.0013

DF 6.9167

A,BC,H,THETA	6.000	50.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	47.3476	74.4633	38.6567	2.3947
MEAN	8.7476	9.6502	9.3200	5.6214

PROB	AOV EST LT 0	ML EST LT 0
	.0002	.0003

DF 5.3649

A,BC,H,THETA	6.000	50.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	1.7068	2.6753	1.7100	0.0931
MEAN	5.6412	5.7788	5.7896	5.1229

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 19 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 57.4942

A,BC,H,THETA	10.000	6.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	14.0264	13.7763	10.2018	43.5648
MEAN	56.3965	56.2545	56.8525	54.4292

PROB	AOV EST LT 0	ML EST LT 0
	.0155	.0207

DF 57.3256

A,BC,H,THETA	10.000	6.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	32.1160	24.8737	18.5573	177.8362
MEAN	55.2125	55.7466	56.3628	47.6286

PROB	AOV EST LT 0	ML EST LT 0
	.0019	.0027

DF 29.0461

A,BC,H,THETA	10.000	6.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	117.4577	137.0851	169.4857	106.2604
MEAN	32.1161	34.0820	36.9934	22.2573

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 20 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 35.4024

A,BC,H,THETA	10.000	6.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	114.5538	124.2675	69.0333	184.2055
MEAN	37.3647	39.3376	36.7534	23.6691

PROB	AOV EST LT 0	ML EST LT 0
	.0155	.0207

DF 24.1828

A,BC,H,THETA	10.000	6.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	98.3726	118.8206	81.8984	63.3691
MEAN	27.3301	29.0347	28.5074	18.1296

PROB	AOV EST LT 0	ML EST LT 0
	.0019	.0027

DF 12.0796

A,BC,H,THETA	10.000	6.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	9.6210	12.7112	15.3874	3.0506
MEAN	13.0770	13.5513	14.2008	11.1123

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 21 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 9.9179

A,BC,H,THETA	10.000	6.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	0.4452	0.5839	0.1546	0.2232
MEAN	10.1319	10.2492	10.0239	9.5096

PROB	AOV EST LT 0	ML EST LT 0
	.0155	.0207

DF 9.5202

A,BC,H,THETA	10.000	6.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	0.2011	0.2637	0.1251	0.0699
MEAN	9.6662	9.7374	9.6879	9.3221

PROB	AOV EST LT 0	ML EST LT 0
	.0019	.0027

DF 9.1164

A,BC,H,THETA	10.000	6.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	0.0117	0.0154	0.0180	0.0040
MEAN	9.1500	9.1666	9.1890	9.0802

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 22 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 223.5185

A,BC,H,THETA	10.000	25.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	1124.1149	910.8857	839.6849	5217.9479
MEAN	219.3469	224.9543	225.2778	170.1907

PROB	AOV EST LT 0	ML EST LT 0
	.0001	.0002

DF 161.3530

A,BC,H,THETA	10.000	25.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	2401.0601	2430.1323	2344.6129	5159.7858
MEAN	167.8887	177.6892	180.5666	108.6289

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 34.1841

A,BC,H,THETA	10.000	25.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	797.3843	1056.8894	1218.8499	263.9623
MEAN	44.4421	49.1172	52.1605	26.3232

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 23 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 62.0586

A,BC,H,THETA	10.000	25.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	1950.0180	2461.8240	1893.4427	943.4725
MEAN	78.0829	86.0153	82.7682	41.7957

PROB	AOV EST LT 0	ML EST LT 0
	.0001	.0002

DF 32.2493

A,BC,H,THETA	10.000	25.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	705.0961	937.0565	827.8013	206.7541
MEAN	41.8462	46.1994	46.3606	24.4426

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 12.7377

A,BC,H,THETA	10.000	25.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	19.5733	27.0566	29.5323	5.4656
MEAN	14.0981	14.7419	15.1461	11.6452

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 24 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 15.0736

A,BC,H,THETA	10.000	25.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	52.0899	71.8883	36.9529	11.3494
MEAN	17.4368	18.5356	17.7603	12.9805

PROB	AOV EST LT 0	ML EST LT 0
	.0001	.0002

DF 11.9716

A,BC,H,THETA	10.000	25.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	10.9352	15.0638	11.0267	2.7614
MEAN	13.0160	13.5131	13.4889	11.0354

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 9.5801

A,BC,H,THETA	10.000	25.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	0.3621	0.5184	0.4787	0.1103
MEAN	9.7551	9.8415	9.8959	9.4112

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 25 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 374.5620

A,BC,H,THETA	10.000	50.000	0.200	0.500
	AOV	ML	MQ1	MQ2
MSE	7888.3825	7233.1009	6906.7924	24672.0491
MEAN	377.1373	394.5307	394.0841	257.8025

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 216.4547

A,BC,H,THETA	10.000	50.000	0.200	1.000
	AOV	ML	MQ1	MQ2
MSE	11535.9640	13269.4651	13128.2611	12866.8713
MEAN	246.4544	267.5522	270.1548	139.5945

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 35.0784

A,BC,H,THETA	10.000	50.000	0.200	5.000
	AOV	ML	MQ1	MQ2
MSE	1480.1434	1967.1584	2100.0544	432.4976
MEAN	47.8032	53.4386	55.2524	27.1217

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 26 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 70.2939

A,BC,H,THETA	10.000	50.000	1.000	0.500
	AOV	ML	MQ1	MQ2
MSE	4940.9336	6441.2049	5359.6947	1647.2000
MEAN	96.3135	108.0943	104.7015	48.3757

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 34.0240

A,BC,H,THETA	10.000	50.000	1.000	1.000
	AOV	ML	MQ1	MQ2
MSE	1368.6749	1824.1169	1643.8169	354.3777
MEAN	46.2385	51.6456	51.5624	26.0392

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 12.8479

A,BC,H,THETA	10.000	50.000	1.000	5.000
	AOV	ML	MQ1	MQ2
MSE	50.4690	63.5799	61.0217	15.0675
MEAN	14.2790	14.9544	15.1662	11.7270

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 27 - MEAN SQUARED ERROR
ESTIMATED DEGREES OF FREEDOM

DF 16.2733

A,BC,H,THETA	10.000	50.000	5.000	0.500
	AOV	ML	MQ1	MQ2
MSE	124.5512	168.8778	96.0477	22.0934
MEAN	19.3218	20.7235	20.1118	13.9343

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 12.4496

A,BC,H,THETA	10.000	50.000	5.000	1.000
	AOV	ML	MQ1	MQ2
MSE	30.3816	40.0775	25.4559	5.6389
MEAN	13.7104	14.3069	14.2817	11.4023

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

DF 9.6568

A,BC,H,THETA	10.000	50.000	5.000	5.000
	AOV	ML	MQ1	MQ2
MSE	1.8123	2.1653	1.4010	0.3215
MEAN	9.8578	9.9559	9.9867	9.4662

PROB	AOV EST LT 0	ML EST LT 0
	.0000	.0000

TABLE 28 - CONCENTRATION

DF 15.9979
A,BC,H,THETA 3., 6.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.0828	.0161	.0000	.0000	.0000
ML	.0294	.0038	.0000	.0000	.0000
MQ1	.0141	.0012	.0000	.0000	.0000
MQ2	.4363	.1913	.0000	.0000	.0000

DF 15.3243
A,BC,H,THETA 3., 6.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.1893	.0601	.0000	.0000	.0000
ML	.0900	.0199	.0000	.0000	.0000
MQ1	.0514	.0081	.0000	.0000	.0000
MQ2	.5811	.3426	.0000	.0000	.0000

DF 6.6596
A,BC,H,THETA 3., 6.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.7555	.4844	.2674	.0000	.0000
ML	.7661	.5577	.3646	.0000	.0000
MQ1	.8089	.6435	.4467	.0000	.0000
MQ2	.8129	.5078	.0830	.0000	.0000

TABLE 29 - CONCENTRATION

DF 8.2774
A,BC,H,THETA 3., 6.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.6998	.3706	.0000	.0000	.0000
ML	.6295	.3555	.0000	.0000	.0000
MQ1	.6432	.3081	.0000	.0000	.0000
MQ2	.8210	.5363	.0000	.0000	.0000

DF 5.4783
A,BC,H,THETA 3., 6.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.7065	.3831	.2071	.0000	.0000
ML	.6796	.4436	.2743	.0000	.0000
MQ1	.7232	.5052	.2836	.0000	.0000
MQ2	.7617	.3161	.0000	.0000	.0000

DF 2.6872
A,BC,H,THETA 3., 6.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.3802	.2781	.1781	.0954	.0267
ML	.4993	.3778	.2498	.1371	.0392
MQ1	.5999	.4624	.3054	.1579	.0229
MQ2	.1412	.0882	.0415	.0057	.0000

TABLE 30 - CONCENTRATION

DF 2.2042
A,BC,H,THETA 3., 6.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.0318	.0000	.0000	.0000	.0000
ML	.0424	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 2.1157
A,BC,H,THETA 3., 6.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.0433	.0000	.0000	.0000	.0000
ML	.0603	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 2.0259
A,BC,H,THETA 3., 6.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0184	.0000	.0000	.0000	.0000
ML	.0271	.0000	.0000	.0000	.0000
MQ1	.0059	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

TABLE 31 - CONCENTRATION

DF 61.4461
A,BC,H,THETA 3.,25.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.2150	.0897	.0000	.0000	.0000
ML	.0988	.0276	.0000	.0000	.0000
MQ1	.0914	.0231	.0000	.0000	.0000
MQ2	.5996	.4269	.0000	.0000	.0000

DF 40.5725
A,BC,H,THETA 3.,25.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.7809	.5422	.0000	.0000	.0000
ML	.7826	.5715	.0000	.0000	.0000
MQ1	.7972	.5819	.0000	.0000	.0000
MQ2	.8407	.6464	.0000	.0000	.0000

DF 7.6644
A,BC,H,THETA 3.,25.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.7990	.5674	.3962	.2959	.1905
ML	.8177	.6488	.5275	.4068	.2703
MQ1	.8276	.6706	.5539	.4286	.2842
MQ2	.8514	.6075	.1665	.1167	.0690

TABLE 32 - CONCENTRATION

DF 14.1705
A,BC,H,THETA 3.,25.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.8212	.6196	.3687	.2421	.0305
ML	.8046	.6446	.4796	.3276	.0437
MQ1	.8276	.6600	.4887	.3131	.0000
MQ2	.8666	.6805	.0947	.0300	.0000

DF 7.2231
A,BC,H,THETA 3.,25.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.7867	.5412	.3739	.2712	.1653
ML	.7924	.6158	.4941	.3701	.2328
MQ1	.8083	.6365	.5128	.3774	.2248
MQ2	.8400	.5705	.1290	.0775	.0291

DF 2.8316
A,BC,H,THETA 3.,25.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.4323	.3312	.2331	.1525	.0944
ML	.5653	.4504	.3267	.2188	.1375
MQ1	.5925	.4741	.3441	.2292	.1417
MQ2	.2884	.1337	.0878	.0528	.0289

TABLE 33 - CONCENTRATION

DF 3.3525
A,BC,H,THETA 3.,25.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.5396	.3441	.2390	.1428	.0669
ML	.5898	.4512	.3237	.1988	.0951
MQ1	.6041	.4562	.3085	.1615	.0378
MQ2	.5822	.0816	.0285	.0000	.0000

DF 2.6609
A,BC,H,THETA 3.,25.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.3850	.2806	.1820	.1051	.0516
ML	.5069	.3819	.2550	.1504	.0750
MQ1	.5265	.3904	.2497	.1321	.0465
MQ2	.1348	.0820	.0364	.0033	.0000

DF 2.1289
A,BC,H,THETA 3.,25.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.1794	.1057	.0587	.0311	.0152
ML	.2554	.1536	.0864	.0461	.0226
MQ1	.2683	.1590	.0862	.0424	.0167
MQ2	.0642	.0334	.0147	.0039	.0000

TABLE 34 - CONCENTRATION

DF 99.1590
A,BC,H,THETA 3.,50.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.7177	.1379	.0000	.0000	.0000
ML	.7209	.0513	.0000	.0000	.0000
MQ1	.7287	.0482	.0000	.0000	.0000
MQ2	.7985	.4910	.0000	.0000	.0000

DF 52.1689
A,BC,H,THETA 3.,50.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.8384	.6647	.3631	.0000	.0000
ML	.8448	.6991	.4865	.0000	.0000
MQ1	.8531	.7071	.4951	.0000	.0000
MQ2	.8834	.7399	.1393	.0000	.0000

DF 7.8308
A,BC,H,THETA 3.,50.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.8045	.5778	.4092	.3158	.2235
ML	.8248	.6604	.5442	.4328	.3149
MQ1	.8297	.6713	.5576	.4442	.3232
MQ2	.8562	.6202	.1762	.1294	.0870

TABLE 35 - CONCENTRATION

DF 15.8699
A,BC,H,THETA 3.,50.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.8399	.6572	.4152	.3143	.1977
ML	.8379	.6929	.5418	.4237	.2759
MQ1	.8512	.7027	.5496	.4230	.2630
MQ2	.8827	.7195	.1507	.0982	.0433

DF 7.5933
A,BC,H,THETA 3.,50.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.7984	.5647	.3978	.3029	.2098
ML	.8118	.6435	.5270	.4136	.2945
MQ1	.8202	.6541	.5373	.4190	.2936
MQ2	.8506	.6023	.1572	.1095	.0665

DF 2.8556
A,BC,H,THETA 3.,50.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.4407	.3390	.2413	.1610	.1033
ML	.5752	.4613	.3383	.2309	.1505
MQ1	.5889	.4734	.3473	.2364	.1531
MQ2	.3172	.1406	.0949	.0600	.0362

TABLE 36 - CONCENTRATION

DF 3.6183
A,BC,H,THETA 3.,50.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.6051	.3876	.2880	.1941	.1188
ML	.6536	.5104	.3914	.2712	.1694
MQ1	.6624	.5161	.3882	.2579	.1469
MQ2	.6659	.1358	.0853	.0417	.0090

DF 2.7670
A,BC,H,THETA 3.,50.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.4155	.3148	.2164	.1374	.0818
ML	.5470	.4283	.3032	.1969	.1189
MQ1	.5581	.4343	.3029	.1903	.1073
MQ2	.1986	.1153	.0694	.0352	.0123

DF 2.1460
A,BC,H,THETA 3.,50.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.1992	.1211	.0702	.0399	.0224
ML	.2827	.1756	.1031	.0591	.0334
MQ1	.2900	.1791	.1037	.0578	.0309
MQ2	.0763	.0435	.0230	.0112	.0045

TABLE 37 - CONCENTRATION

DF 33.8199
A,BC,H,THETA 6., 6.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.0078	.0002	.0000	.0000	.0000
ML	.0029	.0000	.0000	.0000	.0000
MQ1	.0006	.0000	.0000	.0000	.0000
MQ2	.6364	.2627	.0000	.0000	.0000

DF 33.4021
A,BC,H,THETA 6., 6.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.0704	.0051	.0000	.0000	.0000
ML	.0370	.0018	.0000	.0000	.0000
MQ1	.0128	.0003	.0000	.0000	.0000
MQ2	.8358	.5513	.0000	.0000	.0000

DF 16.2749
A,BC,H,THETA 6., 6.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.6027	.2784	.0683	.0000	.0000
ML	.6246	.3469	.0963	.0000	.0000
MQ1	.6929	.4692	.1404	.0000	.0000
MQ2	.9271	.6710	.0009	.0000	.0000

TABLE 38 - CONCENTRATION

DF 19.9406
A,BC,H,THETA 6., 6.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.5665	.1931	.0000	.0000	.0000
ML	.5599	.2192	.0000	.0000	.0000
MQ1	.4695	.0870	.0000	.0000	.0000
MQ2	.9988	.8058	.0000	.0000	.0000

DF 13.5058
A,BC,H,THETA 6., 6.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.5742	.2594	.1029	.0000	.0000
ML	.5912	.3277	.1388	.0000	.0000
MQ1	.5922	.3445	.0943	.0000	.0000
MQ2	.9320	.5429	.0000	.0000	.0000

DF 6.7129
A,BC,H,THETA 6., 6.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.2459	.1307	.0521	.0144	.0002
ML	.3221	.1794	.0745	.0212	.0004
MQ1	.4466	.2568	.1023	.0226	.0000
MQ2	.0080	.0028	.0004	.0000	.0000

TABLE 39 - CONCENTRATION

DF 5.5101
A,BC,H,THETA 6., 6.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.0188	.0000	.0000	.0000	.0000
ML	.0251	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 5.2891
A,BC,H,THETA 6., 6.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.0160	.0000	.0000	.0000	.0000
ML	.0224	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 5.0647
A,BC,H,THETA 6., 6.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0012	.0000	.0000	.0000	.0000
ML	.0018	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

TABLE 40 - CONCENTRATION

DF 131.3167
A,BC,H,THETA 6.,25.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.1223	.0179	.0000	.0000	.0000
ML	.0656	.0062	.0000	.0000	.0000
MQ1	.0570	.0044	.0000	.0000	.0000
MQ2	.8877	.7314	.0000	.0000	.0000

DF 92.6977
A,BC,H,THETA 6.,25.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.6111	.2342	.0000	.0000	.0000
ML	.6264	.2546	.0000	.0000	.0000
MQ1	.6201	.2396	.0000	.0000	.0000
MQ2	.9423	.8448	.0000	.0000	.0000

DF 19.0391
A,BC,H,THETA 6.,25.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.6733	.3789	.2307	.1177	.0377
ML	.6949	.4585	.3079	.1647	.0553
MQ1	.7079	.4927	.3380	.1818	.0599
MQ2	.9453	.7759	.0084	.0034	.0008

TABLE 41 - CONCENTRATION

DF 34.7411
A,BC,H,THETA 6.,25.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.7198	.4465	.2351	.0936	.0000
ML	.7338	.5019	.3118	.1317	.0000
MQ1	.7168	.4773	.2796	.0924	.0000
MQ2	.9585	.8668	.0024	.0000	.0000

DF 17.9562
A,BC,H,THETA 6.,25.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.6642	.3683	.2262	.1151	.0379
ML	.6864	.4502	.3020	.1610	.0554
MQ1	.6844	.4584	.3022	.1505	.0422
MQ2	.9447	.7592	.0062	.0018	.0000

DF 7.0772
A,BC,H,THETA 6.,25.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.2791	.1600	.0729	.0276	.0091
ML	.3659	.2197	.1046	.0409	.0137
MQ1	.4000	.2423	.1149	.0437	.0138
MQ2	.2888	.0051	.0019	.0006	.0001

TABLE 42 - CONCENTRATION

DF 8.3762
A,BC,H,THETA 6.,25.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.3764	.2196	.1131	.0457	.0135
ML	.4491	.2929	.1575	.0661	.0200
MQ1	.4248	.2591	.1178	.0333	.0017
MQ2	.8000	.0017	.0000	.0000	.0000

DF 6.6513
A,BC,H,THETA 6.,25.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.2446	.1302	.0548	.0190	.0055
ML	.3243	.1808	.0792	.0283	.0083
MQ1	.3263	.1716	.0655	.0174	.0023
MQ2	.0071	.0023	.0001	.0000	.0000

DF 5.3223
A,BC,H,THETA 6.,25.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0405	.0121	.0033	.0009	.0002
ML	.0594	.0183	.0050	.0013	.0003
MQ1	.0645	.0188	.0045	.0009	.0001
MQ2	.0009	.0002	.0000	.0000	.0000

TABLE 43 - CONCENTRATION

DF 218.0605
A,BC,H,THETA 6.,50.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.4740	.0558	.0000	.0000	.0000
ML	.4811	.0244	.0000	.0000	.0000
MQ1	.4613	.0218	.0000	.0000	.0000
MQ2	.9268	.8232	.0000	.0000	.0000

DF 122.9832
A,BC,H,THETA 6.,50.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.7209	.4524	.1518	.0000	.0000
ML	.7352	.4947	.2093	.0000	.0000
MQ1	.7333	.4934	.2057	.0000	.0000
MQ2	.9585	.8890	.0042	.0000	.0000

DF 19.5133
A,BC,H,THETA 6.,50.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.6822	.3912	.2455	.1372	.0601
ML	.7036	.4713	.3264	.1905	.0869
MQ1	.7097	.4884	.3422	.2004	.0911
MQ2	.9477	.7886	.0092	.0042	.0015

TABLE 44 - CONCENTRATION

DF 39.2274
A,BC,H,THETA 6.,50.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.7434	.4849	.2750	.1520	.0506
ML	.7579	.5392	.3613	.2094	.0735
MQ1	.7495	.5269	.3464	.1889	.0551
MQ2	.9617	.8811	.0087	.0031	.0000

DF 18.9253
A,BC,H,THETA 6.,50.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.6775	.3854	.2429	.1352	.0592
ML	.6993	.4669	.3231	.1879	.0856
MQ1	.6981	.4710	.3240	.1835	.0787
MQ2	.9474	.7809	.0083	.0036	.0011

DF 7.1381
A,BC,H,THETA 6.,50.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.2840	.1646	.0762	.0296	.0103
ML	.3723	.2258	.1092	.0439	.0157
MQ1	.3896	.2374	.1147	.0456	.0159
MQ2	.3498	.0053	.0020	.0007	.0002

TABLE 45 - CONCENTRATION

DF 9.0422
A,BC,H,THETA 6.,50.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.4284	.2460	.1358	.0613	.0234
ML	.4923	.3266	.1884	.0885	.0348
MQ1	.4794	.3101	.1676	.0691	.0211
MQ2	.8498	.0071	.0025	.0003	.0000

DF 6.9167
A,BC,H,THETA 6.,50.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.2680	.1502	.0672	.0253	.0086
ML	.3532	.2073	.0967	.0376	.0130
MQ1	.3553	.2036	.0899	.0313	.0088
MQ2	.0993	.0042	.0014	.0003	.0000

DF 5.3649
A,BC,H,THETA 6.,50.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0491	.0153	.0043	.0012	.0003
ML	.0716	.0230	.0066	.0018	.0005
MQ1	.0749	.0235	.0063	.0016	.0004
MQ2	.0012	.0003	.0001	.0000	.0000

TABLE 46 - CONCENTRATION

DF 57.4942
A,BC,H,THETA 10., 6.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.0004	.0000	.0000	.0000	.0000
ML	.0002	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0389	.0005	.0000	.0000	.0000

DF 57.3256
A,BC,H,THETA 10., 6.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.0231	.0002	.0000	.0000	.0000
ML	.0127	.0001	.0000	.0000	.0000
MQ1	.0051	.0000	.0000	.0000	.0000
MQ2	.2818	.0233	.0000	.0000	.0000

DF 29.0461
A,BC,H,THETA 10., 6.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.4730	.1606	.0000	.0000	.0000
ML	.4938	.2049	.0000	.0000	.0000
MQ1	.5490	.2785	.0000	.0000	.0000
MQ2	.6497	.1076	.0000	.0000	.0000

TABLE 47 - CONCENTRATION

DF 35.4024
A,BC,H,THETA 10., 6.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.4470	.0934	.0000	.0000	.0000
ML	.4559	.1142	.0000	.0000	.0000
MQ1	.3085	.0070	.0000	.0000	.0000
MQ2	.7128	.1821	.0000	.0000	.0000

DF 24.1828
A,BC,H,THETA 10., 6.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.4517	.1688	.0378	.0000	.0000
ML	.4745	.2144	.0511	.0000	.0000
MQ1	.4287	.1708	.0148	.0000	.0000
MQ2	.6450	.0353	.0000	.0000	.0000

DF 12.0796
A,BC,H,THETA 10., 6.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.1518	.0528	.0108	.0011	.0000
ML	.1965	.0723	.0156	.0017	.0000
MQ1	.2690	.0989	.0184	.0012	.0000
MQ2	.0210	.0050	.0006	.0000	.0000

TABLE 48 - CONCENTRATION

DF 9.9179
A,BC,H,THETA 10., 6.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.0082	.0000	.0000	.0000	.0000
ML	.0108	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 9.5202
A,BC,H,THETA 10., 6.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.0035	.0000	.0000	.0000	.0000
ML	.0049	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

DF 9.1164
A,BC,H,THETA 10., 6.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0000	.0000	.0000	.0000	.0000
ML	.0000	.0000	.0000	.0000	.0000
MQ1	.0000	.0000	.0000	.0000	.0000
MQ2	.0000	.0000	.0000	.0000	.0000

TABLE 49 - CONCENTRATION

DF 223.5185
A,BC,H,THETA 10.,25.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.0645	.0025	.0000	.0000	.0000
ML	.0371	.0009	.0000	.0000	.0000
MQ1	.0299	.0005	.0000	.0000	.0000
MQ2	.4630	.1173	.0000	.0000	.0000

DF 161.3530
A,BC,H,THETA 10.,25.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.4650	.0678	.0000	.0000	.0000
ML	.4762	.0680	.0000	.0000	.0000
MQ1	.4676	.0559	.0000	.0000	.0000
MQ2	.7002	.3347	.0000	.0000	.0000

DF 34.1841
A,BC,H,THETA 10.,25.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.5660	.2658	.1303	.0407	.0050
ML	.5870	.3283	.1724	.0570	.0074
MQ1	.6083	.3734	.2020	.0677	.0084
MQ2	.7269	.2257	.0195	.0047	.0004

TABLE 50 - CONCENTRATION

DF 62.0586
A,BC,H,THETA 10.,25.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.6233	.3147	.1337	.0255	.0000
ML	.6383	.3656	.1764	.0361	.0000
MQ1	.6134	.3361	.1439	.0180	.0000
MQ2	.7885	.4194	.0121	.0009	.0000

DF 32.2493
A,BC,H,THETA 10.,25.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.5553	.2588	.1269	.0398	.0054
ML	.5772	.3218	.1681	.0557	.0079
MQ1	.5766	.3334	.1676	.0490	.0046
MQ2	.7237	.1965	.0150	.0031	.0002

DF 12.7377
A,BC,H,THETA 10.,25.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.1808	.0717	.0186	.0034	.0005
ML	.2341	.0980	.0268	.0051	.0007
MQ1	.2716	.1160	.0316	.0057	.0007
MQ2	.0304	.0092	.0019	.0003	.0000

TABLE 51 - CONCENTRATION

DF 15.0736
A,BC,H,THETA 10.,25.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.2618	.1245	.0416	.0093	.0014
ML	.3211	.1649	.0580	.0136	.0021
MQ1	.2927	.1324	.0345	.0041	.0000
MQ2	.2607	.0109	.0020	.0001	.0000

DF 11.9716
A,BC,H,THETA 10.,25.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.1463	.0510	.0116	.0019	.0002
ML	.1921	.0707	.0169	.0029	.0004
MQ1	.1936	.0642	.0120	.0012	.0000
MQ2	.0184	.0044	.0006	.0000	.0000

DF 9.5801
A,BC,H,THETA 10.,25.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0068	.0008	.0001	.0000	.0000
ML	.0099	.0013	.0001	.0000	.0000
MQ1	.0115	.0013	.0001	.0000	.0000
MQ2	.0006	.0001	.0000	.0000	.0000

TABLE 52 - CONCENTRATION

DF 374.5620
A,BC,H,THETA 10.,50.,0.2,0.5

R=	.25	.5	1.	2.	4.
AOV	.2871	.0185	.0000	.0000	.0000
ML	.2812	.0087	.0000	.0000	.0000
MQ1	.2589	.0073	.0000	.0000	.0000
MQ2	.6267	.2803	.0000	.0000	.0000

DF 216.4547
A,BC,H,THETA 10.,50.,0.2,1.0

R=	.25	.5	1.	2.	4.
AOV	.6169	.2978	.0492	.0000	.0000
ML	.6297	.3339	.0684	.0000	.0000
MQ1	.6274	.3337	.0653	.0000	.0000
MQ2	.7846	.4838	.0051	.0000	.0000

DF 35.0784
A,BC,H,THETA 10.,50.,0.2,5.0

R=	.25	.5	1.	2.	4.
AOV	.5779	.2787	.1450	.0541	.0127
ML	.5987	.3428	.1909	.0750	.0185
MQ1	.6085	.3658	.2069	.0819	.0200
MQ2	.7385	.2473	.0226	.0067	.0013

TABLE 53 - CONCENTRATION

DF 70.2939
A,BC,H,THETA 10.,50.,1.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.6546	.3554	.1737	.0629	.0083
ML	.6687	.4062	.2258	.0866	.0122
MQ1	.6569	.3916	.2095	.0717	.0070
MQ2	.8046	.4690	.0230	.0057	.0004

DF 34.0240
A,BC,H,THETA 10.,50.,1.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.5722	.2746	.1427	.0529	.0125
ML	.5934	.3390	.1880	.0734	.0181
MQ1	.5928	.3454	.1888	.0703	.0155
MQ2	.7368	.2321	.0199	.0056	.0010

DF 12.8479
A,BC,H,THETA 10.,50.,1.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.1853	.0748	.0201	.0039	.0006
ML	.2399	.1022	.0288	.0058	.0010
MQ1	.2589	.1115	.0313	.0062	.0010
MQ2	.0323	.0100	.0021	.0004	.0000

TABLE 54 - CONCENTRATION

DF 16.2733
A,BC,H,THETA 10.,50.,5.0,0.5

R=	.25	.5	1.	2.	4.
AOV	.3034	.1470	.0544	.0141	.0027
ML	.3591	.1933	.0753	.0203	.0041
MQ1	.3444	.1765	.0612	.0131	.0017
MQ2	.3767	.0182	.0048	.0008	.0001

DF 12.4496
A,BC,H,THETA 10.,50.,5.0,1.0

R=	.25	.5	1.	2.	4.
AOV	.1687	.0642	.0162	.0030	.0005
ML	.2198	.0883	.0234	.0045	.0007
MQ1	.2220	.0855	.0205	.0033	.0004
MQ2	.0250	.0071	.0014	.0001	.0000

DF 9.6568
A,BC,H,THETA 10.,50.,5.0,5.0

R=	.25	.5	1.	2.	4.
AOV	.0095	.0012	.0001	.0000	.0000
ML	.0138	.0019	.0002	.0000	.0000
MQ1	.0149	.0020	.0002	.0000	.0000
MQ2	.0009	.0001	.0000	.0000	.0000

TABLE 55 - EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 3 3 2 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	898.	0.8775	2.2027
MLE	885.	1.2358	1.3940
MQ1	888.	1.3148	1.1540
MQ2	942.	-0.5073	3.7910
KWN	908.	1.6601	0.1184
METHOD USED	BON1		
AOV	939.	1.6584	0.0198
MLE	936.	1.6740	0.0166
MQ1	937.	1.6758	0.0152
MQ2	967.	1.5999	0.0283
KWN	955.	1.6782	0.0109
METHOD USED	BON2		
AOV	977.	1.4593	0.0608
MLE	977.	1.4613	0.0601
MQ1	977.	1.4614	0.0598
MQ2	977.	1.4527	0.0620
KWN	977.	1.4615	0.0585
METHOD USED	MLS		
AOV	971.	1.5810	0.0304
MLE	971.	1.5830	0.0299
MQ1	971.	1.5832	0.0297
MQ2	971.	1.5741	0.0314
KWN	971.	1.5836	0.0286
METHOD USED	HAL		
AOV	938.	1.6439	0.0258
MLE	936.	1.6626	0.0216
MQ1	937.	1.6646	0.0197
MQ2	966.	1.5793	0.0349
KWN	953.	1.6686	0.0130
METHOD USED	NORM		
AOV	866.	1.7368	0.0095
MLE	863.	1.7403	0.0092
MQ1	862.	1.7406	0.0090
MQ2	880.	1.7242	0.0103
KWN	869.	1.7410	0.0085

TABLE 56 - EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 3 3 2 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	901.	0.1648	3.2171
MLE	889.	0.5890	2.5703
MQ1	890.	0.7391	2.2367
MQ2	946.	-1.3504	3.9838
KWN	947.	-0.2702	1.9597
METHOD USED	BON1		
AOV	934.	1.5746	0.0410
MLE	925.	1.5996	0.0346
MQ1	930.	1.6066	0.0307
MQ2	960.	1.4980	0.0529
KWN	957.	1.5934	0.0199
METHOD USED	BON2		
AOV	972.	1.3066	0.1055
MLE	972.	1.3093	0.0149
MQ1	972.	1.3097	0.1044
MQ2	972.	1.2995	0.1059
KWN	972.	1.3067	0.1026
METHOD USED	MLS		
AOV	966.	1.4757	0.0551
MLE	966.	1.4786	0.0544
MQ1	966.	1.4793	0.0540
MQ2	968.	1.4676	0.0558
KWN	968.	1.4769	0.0523
METHOD USED	HAL		
AOV	934.	1.5436	0.0567
MLE	926.	1.5718	0.0500
MQ1	930.	1.5793	0.0453
MQ2	960.	1.4660	0.0637
KWN	957.	1.5619	0.0304
METHOD USED	NORM		
AOV	856.	1.6946	0.0147
MLE	851.	1.7000	0.0141
MQ1	850.	1.7014	0.0137
MQ2	872.	1.6790	0.0156
KWN	864.	1.6977	0.0124

TABLE 57 - EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 3 3 2 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	903.	-2.0635	4.3516
MLE	876.	-1.4707	3.9280
MQ1	868.	-1.2139	3.4069
MQ2	956.	-3.8906	6.6413
KWN	974.	-2.4854	0.6955
METHOD USED	BON1		
AOV	893.	1.0961	0.2917
MLE	875.	1.1436	0.2796
MQ1	870.	1.1724	0.2640
MQ2	926.	0.9995	0.2951
KWN	950.	1.0810	0.1903
METHOD USED	BON2		
AOV	966.	0.6266	0.5210
MLE	966.	0.6288	0.5218
MQ1	966.	0.6298	0.5214
MQ2	967.	0.6222	0.5180
KWN	967.	0.6230	0.5092
METHOD USED	MLS		
AOV	931.	0.9758	0.2948
MLE	931.	0.9787	0.2958
MQ1	931.	0.9802	0.2958
MQ2	936.	0.9700	0.2917
KWN	941.	0.9708	0.2880
METHOD USED	HAL		
AOV	894.	1.0027	0.3420
MLE	886.	1.0325	0.3535
MQ1	879.	1.0481	0.3547
MQ2	931.	0.9458	0.3091
KWN	952.	0.9527	0.2810
METHOD USED	NORM		
AOV	781.	1.4614	0.0847
MLE	770.	1.4703	0.0840
MQ1	765.	1.4757	0.0827
MQ2	804.	1.4444	0.0844
KWN	810.	1.4571	0.0754

TABLE 58 - EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 3 3 5 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	892.	0.1148	3.1568
MLE	876.	0.6066	2.5123
MQ1	888.	0.5579	2.4916
MQ2	954.	-1.3719	3.7982
KWN	937.	-0.9093	1.2324
METHOD USED	BON1		
AOV	914.	1.6469	0.0189
MLE	904.	1.6650	0.0149
MQ1	911.	1.6645	0.0141
MQ2	952.	1.5801	0.0313
KWN	953.	1.6561	0.0087
METHOD USED	BON2		
AOV	978.	1.4050	0.0731
MLE	978.	1.4070	0.0727
MQ1	978.	1.4066	0.0725
MQ2	978.	1.3998	0.0734
KWN	978.	1.4044	0.0712
METHOD USED	MLS		
AOV	965.	1.5445	0.0364
MLE	965.	1.5467	0.0360
MQ1	965.	1.5464	0.0358
MQ2	967.	1.5388	0.0368
KWN	969.	1.5445	0.0346
METHOD USED	HAL		
AOV	949.	1.5542	0.0446
MLE	931.	1.5867	0.0387
MQ1	946.	1.5814	0.0365
MQ2	977.	1.4671	0.0495
KWN	978.	1.5497	0.0211
METHOD USED	NORM		
AOV	847.	1.7130	0.0081
MLE	840.	1.7185	0.0074
MQ1	841.	1.7183	0.0073
MQ2	871.	1.6934	0.0096
KWN	868.	1.7151	0.0062

TABLE 59 - EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 3 3 5 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	879.	-0.8761	3.6386
MLE	862.	-0.3082	3.3865
MQ1	868.	-0.3247	3.2027
MQ2	947.	-2.4770	3.9534
KWN	949.	-1.6398	0.8089
METHOD USED	BON1		
AOV	879.	1.5420	0.0517
MLE	861.	1.5731	0.0425
MQ1	865.	1.5758	0.0399
MQ2	926.	1.4486	0.0710
KWN	947.	1.5494	0.0223
METHOD USED	BON2		
AOV	968.	1.2073	0.1450
MLE	968.	1.2095	0.1450
MQ1	968.	1.2093	0.1447
MQ2	969.	1.2025	0.1442
KWN	970.	1.2047	0.1425
METHOD USED	MLS		
AOV	943.	1.4059	0.0759
MLE	942.	1.4085	0.0757
MQ1	944.	1.4085	0.0755
MQ2	946.	1.4001	0.0756
KWN	948.	1.4040	0.0735
METHOD USED	HAL		
AOV	924.	1.3997	0.0952
MLE	909.	1.4379	0.0952
MQ1	917.	1.4366	0.0894
MQ2	959.	1.3158	0.0873
KWN	971.	1.3647	0.0609
METHOD USED	NORM		
AOV	780.	1.6582	0.0180
MLE	773.	1.6670	0.0168
MQ1	772.	1.6677	0.0164
MQ2	823.	1.6330	0.0198
KWN	828.	1.6581	0.0132

TABLE 60 - EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 3 3 5 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	936.	-3.5084	5.7048
MLE	908.	-2.7484	4.7460
MQ1	912.	-2.6224	4.1956
MQ2	978.	-5.9260	11.5939
KWN	987.	-4.0165	0.4600
METHOD USED	BON1		
AOV	866.	0.9301	0.4240
MLE	841.	0.9931	0.4030
MQ1	841.	1.0087	0.3920
MQ2	913.	0.8010	0.4338
KWN	967.	0.9002	0.2474
METHOD USED	BON2		
AOV	965.	0.3216	0.7791
MLE	965.	0.3230	0.7796
MQ1	965.	0.3231	0.7791
MQ2	966.	0.3192	0.7773
KWN	966.	0.3200	0.7672
METHOD USED	MLS		
AOV	928.	0.7578	0.4269
MLE	925.	0.7596	0.4281
MQ1	926.	0.7598	0.4280
MQ2	934.	0.7548	0.4241
KWN	936.	0.7543	0.4207
METHOD USED	HAL		
AOV	917.	0.7107	0.4506
MLE	904.	0.7340	0.4704
MQ1	908.	0.7365	0.4695
MQ2	953.	0.6708	0.4098
KWN	982.	0.6608	0.3702
METHOD USED	NORM		
AOV	748.	1.3441	0.1177
MLE	732.	1.3586	0.1165
MQ1	728.	1.3620	0.1155
MQ2	786.	1.3165	0.1162
KWN	798.	1.3327	0.0970

TABLE 61 - EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 3 3 10 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	922.	-0.9325	3.4208
MLE	900.	-0.3668	3.2397
MQ1	918.	-0.4571	3.0955
MQ2	965.	-2.5001	3.6171
KWN	946.	-1.6511	0.7625
METHOD USED	BON1		
AOV	899.	1.6083	0.0226
MLE	883.	1.6303	0.0175
MQ1	891.	1.6296	0.0170
MQ2	937.	1.5303	0.0385
KWN	958.	1.6161	0.0091
METHOD USED	BON2		
AOV	971.	1.3146	0.0924
MLE	971.	1.3164	0.0923
MQ1	971.	1.3161	0.0922
MQ2	971.	1.3108	0.0921
KWN	972.	1.3131	0.0906
METHOD USED	MLS		
AOV	959.	1.4797	0.0459
MLE	959.	1.4817	0.0457
MQ1	959.	1.4814	0.0456
MQ2	960.	1.4752	0.0459
KWN	960.	1.4786	0.0443
METHOD USED	HAL		
AOV	960.	1.4109	0.0670
MLE	947.	1.4525	0.0647
MQ1	960.	1.4442	0.0616
MQ2	975.	1.3195	0.0597
KWN	976.	1.3699	0.0344
METHOD USED	NORM		
AOV	810.	1.6783	0.0091
MLE	796.	1.6861	0.0081
MQ1	799.	1.6858	0.0080
MQ2	857.	1.6514	0.0114
KWN	855.	1.6797	0.0061

TABLE 62 - EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 3 3 10 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	924.	-1.9130	3.7122
MLE	903.	-1.3667	3.3558
MQ1	916.	-1.4161	3.0624
MQ2	971.	-3.6766	5.0885
KWN	964.	-2.4352	0.7031
METHOD USED	BON1		
AOV	868.	1.4792	0.0644
MLE	854.	1.5162	0.0525
MQ1	858.	1.5176	0.0507
MQ2	918.	1.3694	0.0914
KWN	956.	1.4845	0.0253
METHOD USED	BON2		
AOV	968.	1.0766	0.1903
MLE	968.	1.0782	0.1907
MQ1	968.	1.0780	0.1905
MQ2	968.	1.0736	0.1892
KWN	970.	1.0740	0.1879
METHOD USED	MLS		
AOV	941.	1.3105	0.0983
MLE	941.	1.3125	0.0984
MQ1	941.	1.3124	0.0983
MQ2	943.	1.3067	0.0976
KWN	946.	1.3081	0.0962
METHOD USED	HAL		
AOV	945.	1.2186	0.1227
MLE	928.	1.2565	0.1285
MQ1	942.	1.2521	0.1244
MQ2	975.	1.1468	0.1019
KWN	979.	1.1577	0.0801
METHOD USED	NORM		
AOV	791.	1.6057	0.0222
MLE	776.	1.6179	0.0204
MQ1	777.	1.6183	0.0201
MQ2	839.	1.5721	0.0249
KWN	857.	1.6036	0.0145

TABLE 63 - EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 3 3 10 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	964.	-5.1439	9.0542
MLE	951.	-4.1678	6.6611
MQ1	958.	-4.0894	6.0278
MQ2	990.	-8.4586	20.9531
KWN	997.	-5.7171	0.1751
METHOD USED	BON1		
AOV	849.	0.7474	0.5742
MLE	828.	0.8237	0.5412
MQ1	828.	0.8335	0.5329
MQ2	908.	0.5929	0.5945
KWN	975.	0.7203	0.3197
METHOD USED	BON2		
AOV	959.	0.0096	1.0844
MLE	959.	0.0106	1.0843
MQ1	959.	0.0106	1.0839
MQ2	961.	0.0081	1.0838
KWN	961.	0.0093	1.0179
METHOD USED	MLS		
AOV	933.	0.5374	0.5813
MLE	933.	0.5384	0.5823
MQ1	933.	0.5384	0.5821
MQ2	935.	0.5358	0.5274
KWN	935.	0.5355	0.5756
METHOD USED	HAL		
AOV	946.	0.4393	0.5645
MLE	935.	0.4555	0.5841
MQ1	939.	0.4550	0.5809
MQ2	971.	0.4124	0.5274
KWN	992.	0.4039	0.4769
METHOD USED	NORM		
AOV	747.	1.2279	0.1595
MLE	725.	1.2468	0.1578
MQ1	723.	1.2491	0.1570
MQ2	781.	1.1926	0.1570
KWN	794.	1.2137	0.1259

TABLE 64 - EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 3 5 2 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	931.	-1.1570	3.8286
MLE	922.	-0.5721	3.6147
MQ1	936.	-0.8968	2.8923
MQ2	945.	-2.8231	4.7721
KWN	906.	-1.5150	1.5777
METHOD USED	BON1		
AOV	933.	1.6285	0.0233
MLE	922.	1.6486	0.0186
MQ1	931.	1.6485	0.0173
MQ2	957.	1.5557	0.0365
KWN	955.	1.6445	0.0109
METHOD USED	BON2		
AOV	967.	1.3640	0.0836
MLE	966.	1.3658	0.0835
MQ1	967.	1.3652	0.0832
MQ2	967.	1.3600	0.0834
KWN	967.	1.3633	0.0822
METHOD USED	MLS		
AOV	959.	1.5195	0.0420
MLE	959.	1.5216	0.0418
MQ1	959.	1.5210	0.0416
MQ2	960.	1.5149	0.0419
KWN	960.	1.5193	0.0406
METHOD USED	HAL		
AOV	959.	1.4744	0.0555
MLE	957.	1.5066	0.0534
MQ1	961.	1.4950	0.0494
MQ2	967.	1.4006	0.0526
KWN	968.	1.4609	0.0361
METHOD USED	NORM		
AOV	824.	1.7103	0.0093
MLE	811.	1.7164	0.0085
MQ1	816.	1.7164	0.0083
MQ2	868.	1.6884	0.0109
KWN	848.	1.7144	0.0070

TABLE 65 - EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 3 5 2 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	938.	-1.9582	4.3338
MLE	919.	-1.4019	3.8221
MQ1	940.	-1.5201	3.0053
MQ2	955.	-3.7945	6.6883
KWN	928.	-2.2593	1.7349
METHOD USED	BON1		
AOV	899.	1.5254	0.0546
MLE	889.	1.5559	0.0452
MQ1	892.	1.5600	0.0414
MQ2	934.	1.4340	0.0741
KWN	940.	1.5372	0.0250
METHOD USED	BON2		
AOV	960.	1.1909	0.1541
MLE	960.	1.1925	0.1543
MQ1	960.	1.1921	0.1539
MQ2	960.	1.1876	0.1532
KWN	960.	1.1889	0.1524
METHOD USED	MLS		
AOV	944.	1.3935	0.0797
MLE	942.	1.3955	0.0798
MQ1	943.	1.3952	0.0795
MQ2	945.	1.3895	0.0792
KWN	947.	1.3918	0.0780
METHOD USED	HAL		
AOV	946.	1.3365	0.0960
MLE	938.	1.3664	0.0980
MQ1	947.	1.3603	0.0927
MQ2	960.	1.2763	0.0852
KWN	961.	1.3012	0.0724
METHOD USED	NORM		
AOV	804.	1.6527	0.0184
MLE	793.	1.6615	0.0172
MQ1	796.	1.6626	0.0167
MQ2	850.	1.6277	0.0202
KWN	839.	1.6537	0.0136

TABLE 66 - EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 3 5 2 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	958.	-5.1797	9.4914
MLE	949.	-4.1925	6.9774
MQ1	959.	-3.9510	5.1944
MQ2	976.	-8.5548	22.1944
KWN	974.	-5.5757	1.5352
METHOD USED	BON1		
AOV	861.	0.9070	0.4143
MLE	841.	0.9686	0.3915
MQ1	841.	0.9915	0.3748
MQ2	910.	0.7828	0.4286
KWN	954.	0.8879	0.2562
METHOD USED	BON2		
AOV	957.	0.2989	0.7719
MLE	956.	0.2998	0.7725
MQ1	957.	0.2998	0.7719
MQ2	958.	0.2975	0.7704
KWN	961.	0.2979	0.7656
METHOD USED	MLS		
AOV	924.	0.7420	0.4238
MLE	923.	0.7430	0.4248
MQ1	924.	0.7431	0.4246
MQ2	926.	0.7402	0.4219
KWN	926.	0.7399	0.4202
METHOD USED	HAL		
AOV	935.	0.6731	0.4257
MLE	923.	0.6873	0.4405
MQ1	927.	0.6876	0.4374
MQ2	963.	0.6491	0.3975
KWN	974.	0.6439	0.3778
METHOD USED	NORM		
AOV	742.	1.3380	0.1188
MLE	728.	1.3520	0.1174
MQ1	725.	1.3571	0.1158
MQ2	769.	1.3115	0.1177
KWN	788.	1.3290	0.0998

TABLE 67 - EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 3 5 5 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	960.	-2.3099	4.0194
MLE	953.	-1.6665	3.7578
MQ1	962.	-1.9621	2.6393
MQ2	962.	-4.1880	6.9542
KWN	927.	-2.6015	1.5772
METHOD USED	BON1		
AOV	881.	1.6104	0.0238
MLE	870.	1.6315	0.0187
MQ1	874.	1.6306	0.0180
MQ2	928.	1.5343	0.0397
KWN	949.	1.6185	0.0097
METHOD USED	BON2		
AOV	965.	1.3177	0.0948
MLE	965.	1.3189	0.0949
MQ1	965.	1.3185	0.0947
MQ2	966.	1.3152	0.0943
KWN	966.	1.3163	0.0937
METHOD USED	MLS		
AOV	950.	1.4832	0.0471
MLE	950.	1.4847	0.0471
MQ1	950.	1.4842	0.0470
MQ2	952.	1.4804	0.0468
KWN	954.	1.4820	0.0461
METHOD USED	HAL		
AOV	965.	1.3390	0.0632
MLE	963.	1.3715	0.0659
MQ1	966.	1.3574	0.0606
MQ2	966.	1.2765	0.0528
KWN	966.	1.2951	0.0425
METHOD USED	NORM		
AOV	780.	1.6842	0.0093
MLE	769.	1.6920	0.0082
MQ1	772.	1.6917	0.0081
MQ2	853.	1.6567	0.0114
KWN	841.	1.6853	0.0060

TABLE 68 - EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 3 5 5 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	952.	-3.4548	5.4291
MLE	939.	-2.6975	4.5415
MQ1	957.	-2.8342	3.4333
MQ2	967.	-5.8633	11.4338
KWN	956.	-3.8287	1.4987
METHOD USED	BON1		
AOV	854.	1.4810	0.0680
MLE	837.	1.5163	0.0558
MQ1	841.	1.5178	0.0536
MQ2	899.	1.3747	0.0536
KWN	944.	1.4862	0.0273
METHOD USED	BON2		
AOV	956.	1.0834	0.1990
MLE	956.	1.0844	0.1994
MQ1	956.	1.0842	0.1991
MQ2	957.	1.0817	0.1981
KWN	957.	1.0818	0.1974
METHOD USED	MLS		
AOV	929.	1.3157	0.1027
MLE	928.	1.3169	0.1029
MQ1	929.	1.3167	0.1027
MQ2	930.	1.3134	0.1020
KWN	930.	1.3140	0.1013
METHOD USED	HAL		
AOV	955.	1.1644	0.1112
MLE	946.	1.1894	0.1187
MQ1	957.	1.1812	0.1124
MQ2	968.	1.1201	0.0939
KWN	970.	1.1203	0.0834
METHOD USED	NORM		
AOV	772.	1.6100	0.0230
MLE	757.	1.6220	0.0212
MQ1	758.	1.6225	0.0208
MQ2	823.	1.5764	0.0257
KWN	837.	1.6070	0.0149

TABLE 69 - EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 3 5 5 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	992.	-7.9752	18.2929
MLE	985.	-6.5117	12.7137
MQ1	992.	-6.3599	11.2164
MQ2	993.	-12.9629	47.3039
KWN	993.	-8.9165	0.8364
METHOD USED	BON1		
AOV	831.	0.7929	0.5232
MLE	813.	0.8676	0.4901
MQ1	813.	0.8789	0.4804
MQ2	892.	0.6395	0.5465
KWN	960.	0.7564	0.2966
METHOD USED	BON2		
AOV	962.	0.0688	0.9926
MLE	962.	0.0693	0.9929
MQ1	962.	0.0693	0.9926
MQ2	962.	0.0680	0.9917
KWN	962.	0.0684	0.9882
METHOD USED	MLS		
AOV	916.	0.5829	0.5337
MLE	914.	0.5834	0.5344
MQ1	915.	0.5834	0.5343
MQ2	916.	0.5818	0.5325
KWN	917.	0.5818	0.5313
METHOD USED	HAL		
AOV	964.	0.4598	0.4883
MLE	953.	0.4696	0.5022
MQ1	958.	0.4679	0.4979
MQ2	977.	0.4447	0.4660
KWN	987.	0.4406	0.4492
METHOD USED	NORM		
AOV	727.	1.2559	0.1483
MLE	717.	1.2748	0.1465
MQ1	716.	1.2775	0.1455
MQ2	766.	1.2201	0.1460
KWN	782.	1.2392	0.1173

TABLE 70 - EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 3 5 10 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	973.	-3.3064	5.6535
MLE	964.	-2.5673	4.6883
MQ1	977.	-2.7219	3.9417
MQ2	981.	-5.7948	10.2970
KWN	963.	-3.8208	1.2729
METHOD USED	BON1		
AOV	898.	1.7255	0.0123
MLE	882.	1.7395	0.0100
MQ1	888.	1.7390	0.0099
MQ2	929.	1.6766	0.0195
KWN	956.	1.7278	0.0060
METHOD USED	BON2		
AOV	973.	1.5375	0.0434
MLE	973.	1.5386	0.0434
MQ1	973.	1.5383	0.0433
MQ2	974.	1.5356	0.0431
KWN	974.	1.5363	0.0426
METHOD USED	MLS		
AOV	945.	1.6418	0.0232
MLE	944.	1.6430	0.0232
MQ1	944.	1.6427	0.0231
MQ2	948.	1.6397	0.0230
KWN	949.	1.6407	0.0225
METHOD USED	HAL		
AOV	977.	1.5253	0.0277
MLE	974.	1.5443	0.0293
MQ1	980.	1.5377	0.0272
MQ2	983.	1.4902	0.0227
KWN	983.	1.4854	0.0173
METHOD USED	NORM		
AOV	814.	1.7812	0.0051
MLE	807.	1.7854	0.0047
MQ1	808.	1.7853	0.0047
MQ2	847.	1.7657	0.0061
KWN	846.	1.7807	0.0039

TABLE 71 - EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 3 5 10 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	980.	-4.8204	8.3852
MLE	971.	-3.8590	6.3844
MQ1	980.	-3.9382	5.4979
MQ2	990.	-8.0872	18.5168
KWN	980.	-5.5017	1.1278
METHOD USED	BON1		
AOV	860.	1.6374	0.0335
MLE	842.	1.6606	0.0280
MQ1	844.	1.6610	0.0274
MQ2	909.	1.5683	0.0466
KWN	957.	1.6369	0.0156
METHOD USED	BON2		
AOV	970.	1.3803	0.0906
MLE	970.	1.3812	0.0908
MQ1	970.	1.3811	0.0917
MQ2	970.	1.3788	0.0901
KWN	971.	1.3790	0.0896
METHOD USED	MLS		
AOV	934.	1.5281	0.0500
MLE	930.	1.5292	0.0501
MQ1	934.	1.5290	0.0500
MQ2	935.	1.5264	0.0496
KWN	938.	1.5268	0.0491
METHOD USED	HAL		
AOV	976.	1.4130	0.0489
MLE	973.	1.4277	0.0521
MQ1	977.	1.4239	0.0500
MQ2	990.	1.3879	0.0417
KWN	990.	1.3865	0.0359
METHOD USED	NORM		
AOV	775.	1.7340	0.0124
MLE	761.	1.7407	0.0116
MQ1	762.	1.7409	0.0115
MQ2	810.	1.7147	0.0136
KWN	825.	1.7309	0.0091

TABLE 72 - EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 3 5 10 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	991.	-11.2626	37.1207
MLE	988.	-9.2064	25.0245
MQ1	992.	-9.0845	23.7060
MQ2	994.	-18.3710	96.5905
KWN	993.	-12.3710	1.4743
METHOD USED	BON1		
AOV	869.	1.1115	0.2964
MLE	850.	1.1614	0.2801
MQ1	848.	1.1652	0.2776
MQ2	904.	1.0104	0.3078
KWN	958.	1.0931	0.1780
METHOD USED	BON2		
AOV	963.	0.6304	0.5340
MLE	963.	0.6307	0.5345
MQ1	963.	0.6307	0.5344
MQ2	963.	0.6298	0.5333
KWN	963.	0.6297	0.5326
METHOD USED	MLS		
AOV	922.	0.9728	0.3013
MLE	922.	0.9732	0.3017
MQ1	922.	0.9732	0.3017
MQ2	922.	0.9721	0.3006
KWN	924.	0.9720	0.3002
METHOD USED	HAL		
AOV	975.	0.8883	0.2748
MLE	964.	0.8937	0.2804
MQ1	969.	0.8930	0.2791
MQ2	986.	0.8802	0.2660
KWN	989.	0.8773	0.2611
METHOD USED	NORM		
AOV	749.	1.4660	0.0861
MLE	732.	1.4770	0.0853
MQ1	732.	1.4778	0.0851
MQ2	772.	1.4450	0.0852
KWN	788.	1.4570	0.0720

TABLE 73 - EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 3 10 2 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	958.	-4.5962	9.1085
MLE	958.	-3.7461	6.3709
MQ1	958.	-3.8905	5.7626
MQ2	958.	-7.7265	21.9968
KWN	917.	-4.7630	4.0542
METHOD USED	BON1		
AOV	901.	1.6037	0.0252
MLE	890.	1.6240	0.0198
MQ1	898.	1.6232	0.0190
MQ2	935.	1.5291	0.0416
KWN	946.	1.6134	0.0108
METHOD USED	BON2		
AOV	965.	1.3105	0.0984
MLE	965.	1.3111	0.0985
MQ1	965.	1.3107	0.0984
MQ2	966.	1.3095	0.0982
KWN	966.	1.3098	0.0980
METHOD USED	MLS		
AOV	947.	1.4778	0.0489
MLE	946.	1.4785	0.0490
MQ1	948.	1.4782	0.0489
MQ2	949.	1.4766	0.0485
KWN	950.	1.4772	0.0485
METHOD USED	HAL		
AOV	968.	1.2737	0.0557
MLE	968.	1.2895	0.0579
MQ1	968.	1.2781	0.0543
MQ2	968.	1.2483	0.0516
KWN	968.	1.2540	0.0490
METHOD USED	NORM		
AOV	799.	1.6818	0.0098
MLE	783.	1.6897	0.0087
MQ1	785.	1.6893	0.0085
MQ2	859.	1.6542	0.0119
KWN	845.	1.6832	0.0064

TABLE 74 - EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 3 10 2 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	961.	-6.5035	14.8350
MLE	961.	-5.3162	10.1397
MQ1	961.	-5.3311	8.8905
MQ2	961.	-10.7595	37.1621
KWN	947.	-6.9162	4.3503
METHOD USED	BON1		
AOV	861.	1.4747	0.0692
MLE	848.	1.5093	0.0567
MQ1	851.	1.5114	0.0541
MQ2	907.	1.3696	0.0972
KWN	949.	1.4829	0.0291
METHOD USED	BON2		
AOV	962.	1.0762	0.2014
MLE	962.	1.0767	0.2016
MQ1	962.	1.0765	0.2014
MQ2	962.	1.0755	0.2010
KWN	963.	1.0756	0.2008
METHOD USED	MLS		
AOV	936.	1.3106	0.1043
MLE	935.	1.3112	0.1044
MQ1	936.	1.3110	0.1043
MQ2	936.	1.3098	0.1039
KWN	936.	1.3099	0.1037
METHOD USED	HAL		
AOV	967.	1.1187	0.0965
MLE	967.	1.1294	0.1004
MQ1	967.	1.1229	0.0962
MQ2	967.	1.1014	0.0897
KWN	967.	1.1015	0.0869
METHOD USED	NORM		
AOV	757.	1.6086	0.0238
MLE	736.	1.6206	0.0219
MQ1	738.	1.6212	0.0214
MQ2	815.	1.5749	0.0265
KWN	842.	1.6062	0.0156

TABLE 75 - EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 3 10 2 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	990.	-15.1786	70.1344
MLE	990.	-12.4285	47.0875
MQ1	990.	-11.9910	41.8370
MQ2	990.	-24.7404	183.5029
KWN	990.	-16.0443	3.2440
METHOD USED	BON1		
AOV	881.	0.6924	0.6301
MLE	860.	0.7680	0.5985
MQ1	859.	0.7826	0.5865
MQ2	918.	0.5399	0.6474
KWN	967.	0.6775	0.3599
METHOD USED	BON2		
AOV	966.	-0.0579	1.1844
MLE	966.	-0.0577	1.1845
MQ1	966.	-0.0577	1.1843
MQ2	966.	-0.0581	1.1842
KWN	966.	-0.0578	1.1810
METHOD USED	MLS		
AOV	938.	0.4848	0.6327
MLE	938.	0.4850	0.6330
MQ1	938.	0.4849	0.6328
MQ2	938.	0.4845	0.6323
KWN	938.	0.4845	0.6312
METHOD USED	HAL		
AOV	981.	0.3537	0.5638
MLE	977.	0.3570	0.5685
MQ1	981.	0.3557	0.5653
MQ2	985.	0.3489	0.5563
KWN	988.	0.3487	0.5435
METHOD USED	NORM		
AOV	758.	1.1954	0.1728
MLE	739.	1.2143	0.1715
MQ1	739.	1.2178	0.1703
MQ2	810.	1.1603	0.1698
KWN	828.	1.1838	0.1378

TABLE 76 - EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 3 10 5 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	974.	-7.1790	15.5599
MLE	974.	-5.8610	10.5827
MQ1	974.	-5.9881	9.7729
MQ2	974.	-11.8668	39.3327
KWN	957.	-7.7295	4.2136
METHOD USED	BON1		
AOV	876.	1.7271	0.0121
MLE	867.	1.7404	0.0099
MQ1	872.	1.7400	0.0097
MQ2	910.	1.6787	0.0193
KWN	938.	1.7303	0.0062
METHOD USED	BON2		
AOV	966.	1.5362	0.0427
MLE	966.	1.5366	0.0428
MQ1	967.	1.5365	0.0427
MQ2	968.	1.5356	0.0426
KWN	968.	1.5358	0.0424
METHOD USED	MLS		
AOV	937.	1.6418	0.0229
MLE	936.	1.6422	0.0229
MQ1	937.	1.6421	0.0229
MQ2	941.	1.6411	0.0228
KWN	941.	1.6413	0.0226
METHOD USED	HAL		
AOV	977.	1.4858	0.0224
MLE	977.	1.4937	0.0235
MQ1	977.	1.4891	0.0221
MQ2	977.	1.4730	0.0202
KWN	977.	1.4740	0.0188
METHOD USED	NORM		
AOV	782.	1.7853	0.0051
MLE	774.	1.7897	0.0048
MQ1	778.	1.7896	0.0047
MQ2	814.	1.7693	0.0061
KWN	821.	1.7849	0.0039

TABLE 77 - EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 3 10 5 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	988.	-10.2053	28.8454
MLE	988.	-8.3413	19.3645
MQ1	988.	-8.3722	17.9068
MQ2	988.	-16.7421	74.9742
KWN	982.	-11.1817	3.1645
METHOD USED	BON1		
AOV	881.	1.6273	0.0345
MLE	864.	1.6505	0.0289
MQ1	866.	1.6509	0.0284
MQ2	912.	1.5577	0.0478
KWN	953.	1.6299	0.0164
METHOD USED	BON2		
AOV	965.	1.3645	0.0926
MLE	965.	1.3648	0.0927
MQ1	965.	1.3647	0.0926
MQ2	965.	1.3640	0.0924
KWN	965.	1.3641	0.0922
METHOD USED	MLS		
AOV	933.	1.5158	0.0510
MLE	933.	1.5161	0.0511
MQ1	933.	1.5160	0.0510
MQ2	935.	1.5153	0.0509
KWN	936.	1.5154	0.0507
METHOD USED	HAL		
AOV	987.	1.3730	0.0417
MLE	986.	1.3784	0.0733
MQ1	987.	1.3758	0.0419
MQ2	989.	1.3645	0.0388
KWN	989.	1.3639	0.0373
METHOD USED	NORM		
AOV	781.	1.7288	0.0128
MLE	773.	1.7358	0.0120
MQ1	773.	1.7359	0.0119
MQ2	815.	1.7090	0.0140
KWN	832.	1.7263	0.0094

TABLE 78 - EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 3 10 5 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	999.	-22.9107	150.5645
MLE	999.	-18.7315	100.6145
MQ1	999.	-18.4674	95.5532
MQ2	999.	-37.3774	398.4629
KWN	999.	-25.2860	0.7414
METHOD USED	BON1		
AOV	875.	1.1103	0.2927
MLE	853.	1.1599	0.2770
MQ1	852.	1.1637	0.2746
MQ2	906.	1.0090	0.3032
KWN	956.	1.0912	0.1742
METHOD USED	BON2		
AOV	963.	0.6278	0.5227
MLE	963.	0.6279	0.5228
MQ1	963.	0.6279	0.5228
MQ2	963.	0.6277	0.5224
KWN	963.	0.6276	0.5222
METHOD USED	MLS		
AOV	918.	0.9707	0.2958
MLE	918.	0.9708	0.2960
MQ1	918.	0.9708	0.2959
MQ2	918.	0.9705	0.2956
KWN	918.	0.9704	0.2955
METHOD USED	HAL		
AOV	985.	0.8766	0.2580
MLE	982.	0.8784	0.2601
MQ1	983.	0.8778	0.2591
MQ2	988.	0.8739	0.2548
KWN	989.	0.8730	0.2533
METHOD USED	NORM		
AOV	769.	1.4653	0.0856
MLE	756.	1.4764	0.0849
MQ1	756.	1.4773	0.0847
MQ2	795.	1.4441	0.0846
KWN	805.	1.4559	0.0711

TABLE 79 - EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 3 10 10 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	987.	-9.8824	28.9544
MLE	987.	-8.0769	19.4507
MQ1	987.	-8.1974	18.3299
MQ2	987.	-16.2150	75.2775
KWN	981.	-11.1677	3.3316
METHOD USED	BON1		
AOV	872.	1.6735	0.0176
MLE	862.	1.6896	0.0140
MQ1	864.	1.6893	0.0139
MQ2	908.	1.6152	0.0291
KWN	951.	1.6747	0.0076
METHOD USED	BON2		
AOV	965.	1.4383	0.0670
MLE	964.	1.4386	0.0671
MQ1	965.	1.4385	0.0670
MQ2	965.	1.4380	0.0669
KWN	965.	1.4380	0.0668
METHOD USED	MLS		
AOV	935.	1.5674	0.0346
MLE	935.	1.5677	0.0346
MQ1	935.	1.5676	0.0346
MQ2	937.	1.5670	0.0345
KWN	937.	1.5671	0.0344
METHOD USED	HAL		
AOV	988.	1.3426	0.0267
MLE	988.	1.3493	0.0283
MQ1	988.	1.3454	0.0286
MQ2	988.	1.3325	0.0242
KWN	988.	1.3314	0.0230
METHOD USED	NORM		
AOV	755.	1.7359	0.0072
MLE	738.	1.7420	0.0065
MQ1	739.	1.7419	0.0064
MQ2	821.	1.7141	0.0088
KWN	838.	1.7336	0.0047

TABLE 80 - EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 3 10 10 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	995.	-14.6415	55.4312
MLE	995.	-11.9699	37.0849
MQ1	995.	-11.9956	35.4614
MQ2	995.	-23.9287	145.8999
KWN	993.	-15.9322	2.2578
METHOD USED	BON1		
AOV	853.	1.5476	0.0482
MLE	839.	1.5779	0.0395
MQ1	842.	1.5783	0.0391
MQ2	906.	1.4573	0.0690
KWN	968.	1.5527	0.0198
METHOD USED	BON2		
AOV	972.	1.2065	0.1390
MLE	972.	1.2066	0.1390
MQ1	972.	1.2066	0.1390
MQ2	972.	1.2062	0.1388
KWN	973.	1.2062	0.1388
METHOD USED	MLS		
AOV	943.	1.4017	0.0733
MLE	943.	1.4019	0.0734
MQ1	943.	1.4019	0.0734
MQ2	944.	1.4015	0.0732
KWN	945.	1.4015	0.0732
METHOD USED	HAL		
AOV	995.	1.2063	0.0524
MLE	995.	1.2101	0.0539
MQ1	995.	1.2085	0.0529
MQ2	955.	1.2010	0.0501
KWN	995.	1.2002	0.0490
METHOD USED	NORM		
AOV	766.	1.6656	0.0170
MLE	751.	1.6759	0.0157
MQ1	754.	1.6760	0.0156
MQ2	807.	1.6374	0.0189
KWN	840.	1.6623	0.0111

TABLE 81 - EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 3 10 10 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	997.	-31.6713	300.2310
MLE	997.	-25.8912	200.6457
MQ1	997.	-25.7102	195.4533
MQ2	997.	-51.6461	795.4533
KWN	996.	-35.5703	5.6332
METHOD USED	BON1		
AOV	840.	0.9346	0.4371
MLE	819.	0.9976	0.4106
MQ1	820.	1.0000	0.4087
MQ2	890.	0.8052	0.4570
KWN	963.	0.9058	0.2507
METHOD USED	BON2		
AOV	958.	0.3228	0.8124
MLE	958.	0.3228	0.8125
MQ1	958.	0.3228	0.8124
MQ2	958.	0.3227	0.8122
KWN	958.	0.3227	0.8120
METHOD USED	MLS		
AOV	919.	0.7548	0.4452
MLE	919.	0.7549	0.4453
MQ1	919.	0.7549	0.4453
MQ2	919.	0.7547	0.4451
KWN	919.	0.7547	0.4550
METHOD USED	HAL		
AOV	990.	0.6283	0.3812
MLE	988.	0.6295	0.3829
MQ1	989.	0.6290	0.3819
MQ2	990.	0.6265	0.3784
KWN	991.	0.6258	0.3768
METHOD USED	NORM		
AOV	733.	1.3458	0.1261
MLE	720.	1.3613	0.1247
MQ1	720.	1.3619	0.1245
MQ2	773.	1.3162	0.1244
KWN	790.	1.3314	0.1008

TABLE 82 - EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 6 3 2 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	878.	1.7120	0.0062
MLE	876.	1.7155	0.0059
MQ1	877.	1.7165	0.0055
MQ2	943.	1.6508	0.0106
KWN	890.	1.7169	0.0050
METHOD USED	BON1		
AOV	945.	1.6815	0.0065
MLE	944.	1.6853	0.0065
MQ1	945.	1.6858	0.0059
MQ2	974.	1.6335	0.0082
KWN	948.	1.6858	0.0050
METHOD USED	BON2		
AOV	981.	1.6066	0.0100
MLE	981.	1.6068	0.0100
MQ1	981.	1.6069	0.0100
MQ2	982.	1.6035	0.0102
KWN	981.	1.6069	0.0099
METHOD USED	MLS		
AOV	963.	1.6587	0.0076
MLE	963.	1.6590	0.0076
MQ1	963.	1.6590	0.0075
MQ2	966.	1.6556	0.0077
KWN	964.	1.6590	0.0074
METHOD USED	HAL		
AOV	945.	1.6768	0.0072
MLE	945.	1.6810	0.0069
MQ1	945.	1.6815	0.0066
MQ2	974.	1.6274	0.0087
KWN	949.	1.6814	0.0055
METHOD USED	NORM		
AOV	869.	1.7242	0.0048
MLE	866.	1.7256	0.0048
MQ1	868.	1.7258	0.0047
MQ2	912.	1.7067	0.0052
KWN	875.	1.7259	0.0044

TABLE 83 - EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 6 3 2 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	878.	1.6465	0.0125
MLE	874.	1.6533	0.0116
MQ1	874.	1.6579	0.0106
MQ2	945.	1.5601	0.0184
KWN	893.	1.6515	0.0091
METHOD USED BON1			
AOV	930.	1.6149	0.0117
MLE	924.	1.6207	0.0113
MQ1	926.	1.6242	0.0106
MQ2	969.	1.5581	0.0132
KWN	952.	1.6163	0.0086
METHOD USED BON2			
AOV	984.	1.5197	0.0166
MLE	984.	1.5201	0.0166
MQ1	984.	1.5203	0.0165
MQ2	985.	1.5163	0.0166
KWN	984.	1.5198	0.0163
METHOD USED MLS			
AOV	948.	1.5854	0.0130
MLE	948.	1.5858	0.0129
MQ1	948.	1.5860	0.0129
MQ2	953.	1.5818	0.0130
KWN	950.	1.5854	0.0127
METHOD USED HAL			
AOV	930.	1.6050	0.0134
MLE	927.	1.6114	0.0130
MQ1	927.	1.6149	0.0122
MQ2	970.	1.5503	0.0138
KWN	954.	1.6056	0.0099
METHOD USED NORM			
AOV	861.	1.6742	0.0079
MLE	859.	1.6764	0.0078
MQ1	860.	1.6777	0.0076
MQ2	895.	1.6537	0.0083
KWN	870.	1.6747	0.0070

TABLE 84 - EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 6 3 2 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	889.	1.2249	0.1027
MLE	881.	1.2402	0.1032
MQ1	872.	1.2620	0.1018
MQ2	960.	1.1309	0.0865
KWN	941.	1.2043	0.0913
METHOD USED BON1			
AOV	919.	1.2597	0.0668
MLE	912.	1.2691	0.0666
MQ1	905.	1.2826	0.0652
MQ2	964.	1.2052	0.0635
KWN	956.	1.2520	0.0527
METHOD USED BON2			
AOV	975.	1.1042	0.0840
MLE	975.	1.1046	0.0841
MQ1	975.	1.1051	0.0842
MQ2	975.	1.1022	0.0834
KWN	976.	1.1035	0.0834
METHOD USED MLS			
AOV	943.	1.2262	0.0657
MLE	943.	1.2266	0.0658
MQ1	943.	1.2272	0.0658
MQ2	944.	1.2238	0.0652
KWN	944.	1.2254	0.0651
METHOD USED HAL			
AOV	930.	1.2298	0.0719
MLE	923.	1.2364	0.0729
MQ1	913.	1.2456	0.0735
MQ2	967.	1.1957	0.0639
KWN	964.	1.2179	0.0627
METHOD USED NORM			
AOV	807.	1.4201	0.0391
MLE	799.	1.4235	0.0391
MQ1	792.	1.4283	0.0388
MQ2	845.	1.4015	0.0382
KWN	827.	1.4173	0.0355

TABLE 85 - EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 6 3 5 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	907.	1.6524	0.0079
MLE	894.	1.6607	0.0072
MQ1	902.	1.6599	0.0068
MQ2	984.	1.5551	0.0116
KWN	895.	1.6554	0.0078
METHOD USED	BON1		
AOV	927.	1.6615	0.0054
MLE	923.	1.6662	0.0051
MQ1	924.	1.6659	0.0049
MQ2	983.	1.6006	0.0076
KWN	957.	1.6625	0.0036
METHOD USED	BON2		
AOV	988.	1.5818	0.0092
MLE	988.	1.8521	0.0092
MQ1	989.	1.5820	0.0092
MQ2	990.	1.5794	0.0092
KWN	989.	1.5817	0.0090
METHOD USED	MLS		
AOV	959.	1.6327	0.0068
MLE	958.	1.6330	0.0068
MQ1	958.	1.6330	0.0068
MQ2	963.	1.6303	0.0068
KWN	962.	1.6327	0.0067
METHOD USED	HAL		
AOV	964.	1.6172	0.0081
MLE	959.	1.6246	0.0079
MQ1	965.	1.6227	0.0074
MQ2	996.	1.5596	0.0076
KWN	990.	1.6126	0.0049
METHOD USED	NORM		
AOV	838.	1.6974	0.0037
MLE	832.	1.6995	0.0036
MQ1	835.	1.6994	0.0036
MQ2	920.	1.6700	0.0044
KWN	856.	1.6978	0.0031

TABLE 86 - EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 6 3 5 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	907.	1.5465	0.0216
MLE	900.	1.5591	0.0205
MQ1	903.	1.5617	0.0194
MQ2	990.	1.4403	0.0219
KWN	916.	1.5465	0.0206
METHOD USED	BON1		
AOV	907.	1.5795	0.0134
MLE	903.	1.5871	0.0128
MQ1	902.	1.5888	0.0123
MQ2	971.	1.5075	0.0154
KWN	959.	1.5786	0.0083
METHOD USED	BON2		
AOV	982.	1.4737	0.0202
MLE	982.	1.4741	0.0202
MQ1	982.	1.4741	0.0202
MQ2	986.	1.4715	0.0201
KWN	984.	1.4734	0.0199
METHOD USED	MLS		
AOV	946.	1.5414	0.0153
MLE	946.	1.5418	0.0153
MQ1	946.	1.5418	0.0153
MQ2	951.	1.5391	0.0152
KWN	951.	1.5412	0.0151
METHOD USED	HAL		
AOV	959.	1.5192	0.0173
MLE	949.	1.5270	0.0173
MQ1	954.	1.5276	0.0167
MQ2	995.	1.4703	0.0143
KWN	993.	1.5099	0.0116
METHOD USED	NORM		
AOV	830.	1.6367	0.0084
MLE	819.	1.6401	0.0082
MQ1	819.	1.6408	0.0080
MQ2	896.	1.6056	0.0088
KWN	857.	1.6360	0.0067

TABLE 87 - EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 6 3 5 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	933.	1.0160	0.1209
MLE	926.	1.0271	0.1242
MQ1	923.	1.0335	0.1254
MQ2	971.	0.9600	0.0987
KWN	947.	1.0002	0.1266
METHOD USED	BON1		
AOV	900.	1.1633	0.0819
MLE	893.	1.1754	0.0816
MQ1	890.	1.1826	0.0807
MQ2	951.	1.0931	0.0777
KWN	943.	1.1535	0.0612
METHOD USED	BON2		
AOV	961.	0.9806	0.1061
MLE	961.	0.9806	0.1062
MQ1	961.	0.9806	0.1062
MQ2	961.	0.9797	0.1057
KWN	961.	0.9801	0.1057
METHOD USED	MLS		
AOV	934.	1.1190	0.0806
MLE	934.	1.1192	0.0806
MQ1	934.	1.1193	0.0806
MQ2	934.	1.1180	0.0802
KWN	934.	1.1185	0.0802
METHOD USED	HAL		
AOV	944.	1.0884	0.0816
MLE	943.	1.0923	0.0829
MQ1	939.	1.0943	0.0832
MQ2	964.	1.0706	0.0747
KWN	966.	1.0793	0.0741
METHOD USED	NORM		
AOV	798.	1.3373	0.0465
MLE	794.	1.3421	0.0465
MQ1	793.	1.3450	0.0463
MQ2	846.	1.3104	0.0449
KWN	831.	1.3327	0.0403

TABLE 88 - EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 6 3 10 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	937.	1.7477	0.0047
MLE	925.	1.7543	0.0044
MQ1	933.	1.7536	0.0043
MQ2	994.	1.6852	0.0051
KWN	912.	1.7491	0.0053
METHOD USED	BON1		
AOV	917.	1.7691	0.0031
MLE	913.	1.7725	0.0030
MQ1	915.	1.7723	0.0029
MQ2	971.	1.7282	0.0041
KWN	948.	1.7697	0.0021
METHOD USED	BON2		
AOV	978.	1.7193	0.0048
MLE	978.	1.7196	0.0048
MQ1	978.	1.7196	0.0048
MQ2	983.	1.7175	0.0048
KWN	983.	1.7193	0.0047
METHOD USED	MLS		
AOV	955.	1.7496	0.0038
MLE	955.	1.7499	0.0038
MQ1	955.	1.7498	0.0037
MQ2	959.	1.7477	0.0037
KWN	959.	1.7192	0.0037
METHOD USED	HAL		
AOV	971.	1.7241	0.0043
MLE	969.	1.7291	0.0043
MQ1	974.	1.7279	0.0043
MQ2	998.	1.6918	0.0036
KWN	997.	1.7194	0.0027
METHOD USED	NORM		
AOV	846.	1.7946	0.0022
MLE	843.	1.7957	0.0021
MQ1	845.	1.7957	0.0021
MQ2	908.	1.7786	0.0024
KWN	865.	1.7948	0.0019

TABLE 89 - EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 6 3 10 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	945.	1.6714	0.0108
MLE	937.	1.6798	0.0105
MQ1	938.	1.6805	0.0103
MQ2	989.	1.6103	0.0097
KWN	938.	1.6710	0.0119
METHOD USED BON1			
AOV	920.	1.7102	0.0073
MLE	916.	1.7154	0.0071
MQ1	916.	1.7160	0.0070
MQ2	976.	1.6613	0.0082
KWN	957.	1.7097	0.0049
METHOD USED BON2			
AOV	983.	1.6427	0.0104
MLE	981.	1.6430	0.0104
MQ1	983.	1.6430	0.0104
MQ2	983.	1.6411	0.0103
KWN	983.	1.6424	0.0102
METHOD USED MLS			
AOV	953.	1.6842	0.0082
MLE	953.	1.6845	0.0082
MQ1	954.	1.6845	0.0082
MQ2	955.	1.6825	0.0081
KWN	954.	1.6839	0.0080
METHOD USED HAL			
AOV	977.	1.6557	0.0085
MLE	974.	1.6602	0.0086
MQ1	975.	1.6602	0.0085
MQ2	991.	1.6309	0.0073
KWN	992.	1.6501	0.0063
METHOD USED NORM			
AOV	840.	1.7526	0.0047
MLE	836.	1.7545	0.0046
MQ1	836.	1.7547	0.0046
MQ2	900.	1.7343	0.0048
KWN	868.	1.7522	0.0040

TABLE 90 - EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 6 3 10 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	954.	1.3065	0.0585
MLE	948.	1.3128	0.0596
MQ1	948.	1.3147	0.0598
MQ2	981.	1.2761	0.0514
KWN	953.	1.3025	0.0629
METHOD USED BON1			
AOV	921.	1.4004	0.0469
MLE	912.	1.4086	0.0469
MQ1	911.	1.4111	0.0466
MQ2	955.	1.3534	0.0447
KWN	948.	1.3954	0.0368
METHOD USED BON2			
AOV	967.	1.2808	0.0582
MLE	967.	1.2809	0.0582
MQ1	967.	1.2810	0.0582
MQ2	969.	1.2801	0.0580
KWN	969.	1.2805	0.0580
METHOD USED MLS			
AOV	942.	1.3707	0.0461
MLE	942.	1.3708	0.0461
MQ1	942.	1.3709	0.0462
MQ2	944.	1.3699	0.0460
KWN	944.	1.3704	0.0459
METHOD USED HAL			
AOV	959.	1.3461	0.0450
MLE	955.	1.3481	0.0455
MQ1	955.	1.3487	0.0455
MQ2	969.	1.3374	0.0429
KWN	969.	1.3426	0.0425
METHOD USED NORM			
AOV	812.	1.5334	0.0279
MLE	805.	1.5362	0.0279
MQ1	805.	1.5371	0.0279
MQ2	843.	1.5177	0.0272
KWN	829.	1.5313	0.0253

TABLE 91 - EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 6 5 2 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	957.	1.6032	0.0109
MLE	946.	1.6142	0.0104
MQ1	966.	1.6617	0.0094
MQ2	986.	1.5097	0.0112
KWN	925.	1.6038	0.0138
METHOD USED	BON1		
AOV	937.	1.6525	0.0057
MLE	931.	1.6573	0.0054
MQ1	932.	1.6572	0.0051
MQ2	985.	1.5921	0.0078
KWN	960.	1.6554	0.0039
METHOD USED	BON2		
AOV	989.	1.5663	0.0098
MLE	989.	1.5665	0.0098
MQ1	989.	1.5664	0.0098
MQ2	989.	1.5647	0.0098
KWN	989.	1.5662	0.0097
METHOD USED	MLS		
AOV	971.	1.6232	0.0072
MLE	971.	1.6235	0.0072
MQ1	971.	1.6234	0.0072
MQ2	972.	1.6216	0.0072
KWN	972.	1.6232	0.0071
METHOD USED	HAL		
AOV	984.	1.5828	0.0086
MLE	980.	1.5893	0.0087
MQ1	986.	1.5893	0.0080
MQ2	991.	1.5424	0.0074
KWN	991.	1.5779	0.0060
METHOD USED	NORM		
AOV	855.	1.6929	0.0039
MLE	848.	1.6951	0.0037
MQ1	852.	1.6951	0.0037
MQ2	921.	1.6948	0.0044
KWN	875.	1.6940	0.0032

TABLE 92 - EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 6 5 2 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	944.	1.4960	0.0231
MLE	936.	1.5086	0.0228
MQ1	946.	1.5111	0.0213
MQ2	991.	1.4107	0.0193
KWN	934.	1.4928	0.0278
METHOD USED	BON1		
AOV	911.	1.5768	0.0132
MLE	906.	1.5841	0.0126
MQ1	910.	1.5866	0.0119
MQ2	967.	1.5065	0.0152
KWN	953.	1.5760	0.0086
METHOD USED	BON2		
AOV	976.	1.4667	0.0198
MLE	976.	1.4669	0.0198
MQ1	976.	1.4669	0.0198
MQ2	978.	1.4653	0.0197
KWN	978.	1.4664	0.0196
METHOD USED	MLS		
AOV	945.	1.5391	0.0151
MLE	944.	1.5394	0.0151
MQ1	945.	1.5394	0.0150
MQ2	947.	1.5377	0.0150
KWN	947.	1.5388	0.0149
METHOD USED	HAL		
AOV	967.	1.4943	0.0162
MLE	965.	1.5001	0.0165
MQ1	970.	1.4999	0.0157
MQ2	991.	1.4630	0.0136
KWN	989.	1.4856	0.0122
METHOD USED	NORM		
AOV	822.	1.6371	0.0083
MLE	819.	1.6404	0.0081
MQ1	820.	1.6415	0.0079
MQ2	899.	1.6060	0.0087
KWN	855.	1.6362	0.0067

TABLE 93 - EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 6 5 2 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	959.	0.9399	0.1178
MLE	957.	0.9464	0.1207
MQ1	957.	0.9546	0.1222
MQ2	982.	0.9100	0.1029
KWN	956.	0.9335	0.1352
METHOD USED	BON1		
AOV	917.	1.1213	0.0898
MLE	906.	1.1330	0.0895
MQ1	903.	1.1435	0.0883
MQ2	955.	1.0546	0.0850
KWN	948.	1.1163	0.0683
METHOD USED	BON2		
AOV	973.	0.9329	0.1148
MLE	973.	0.9330	0.1149
MQ1	973.	0.9330	0.1149
MQ2	973.	0.9325	0.1146
KWN	973.	0.9327	0.1146
METHOD USED	MLS		
AOV	938.	1.0787	0.0879
MLE	938.	1.0788	0.0879
MQ1	938.	1.0789	0.0880
MQ2	938.	1.0782	0.0877
KWN	938.	1.0785	0.0877
METHOD USED	HAL		
AOV	960.	1.0403	0.0851
MLE	960.	1.0423	0.0859
MQ1	958.	1.0439	0.0863
MQ2	972.	1.0316	0.0813
KWN	972.	1.0360	0.0812
METHOD USED	NORM		
AOV	827.	1.3060	0.0515
MLE	823.	1.3107	0.0515
MQ1	820.	1.3149	0.0512
MQ2	859.	1.2805	0.0496
KWN	847.	1.3033	0.0450

TABLE 94 - EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 6 5 5 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	980.	1.7130	0.0055
MLE	977.	1.7203	0.0054
MQ1	980.	1.7185	0.0051
MQ2	999.	1.6629	0.0044
KWN	940.	1.7134	0.0085
METHOD USED	BON1		
AOV	923.	1.7701	0.0031
MLE	917.	1.7733	0.0030
MQ1	921.	1.7731	0.0029
MQ2	979.	1.7309	0.0041
KWN	956.	1.7702	0.0022
METHOD USED	BON2		
AOV	985.	1.7199	0.0049
MLE	985.	1.7201	0.0049
MQ1	985.	1.7200	0.0049
MQ2	985.	1.7189	0.0048
KWN	985.	1.7197	0.0048
METHOD USED	MLS		
AOV	956.	1.7508	0.0038
MLE	955.	1.7510	0.0038
MQ1	956.	1.7509	0.0038
MQ2	961.	1.7497	0.0038
KWN	960.	1.7506	0.0037
METHOD USED	HAL		
AOV	993.	1.7056	0.0041
MLE	990.	1.7091	0.0042
MQ1	995.	1.7076	0.0040
MQ2	999.	1.6865	0.0033
KWN	999.	1.7003	0.0029
METHOD USED	NORM		
AOV	846.	1.7962	0.0021
MLE	837.	1.7974	0.0021
MQ1	839.	1.7973	0.0021
MQ2	907.	1.7799	0.0024
KWN	868.	1.7961	0.0019

TABLE 95 - EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 6 5 5 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	981.	1.6341	0.0102
MLE	975.	1.6410	0.0104
MQ1	978.	1.6412	0.0101
MQ2	996.	1.5952	0.0082
KWN	959.	1.6338	0.0148
METHOD USED	BON1		
AOV	919.	1.7113	0.0070
MLE	909.	1.7164	0.0067
MQ1	910.	1.7171	0.0066
MQ2	976.	1.6640	0.0079
KWN	959.	1.7110	0.0047
METHOD USED	BON2		
AOV	979.	1.6429	0.0100
MLE	979.	1.6431	0.0100
MQ1	979.	1.6431	0.0100
MQ2	979.	1.6421	0.0099
KWN	979.	1.6428	0.0099
METHOD USED	MLS		
AOV	951.	1.6853	0.0078
MLE	950.	1.6854	0.0078
MQ1	951.	1.6854	0.0078
MQ2	953.	1.6845	0.0078
KWN	953.	1.6851	0.0077
METHOD USED	HAL		
AOV	988.	1.6413	0.0075
MLE	986.	1.6439	0.0077
MQ1	988.	1.6437	0.0075
MQ2	995.	1.6289	0.0067
KWN	996.	1.6375	0.0063
METHOD USED	NORM		
AOV	828.	1.7548	0.0044
MLE	822.	1.7568	0.0044
MQ1	822.	1.7571	0.0043
MQ2	891.	1.7363	0.0046
KWN	856.	1.7544	0.0038

TABLE 96 - EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 6 5 5 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	969.	1.2888	0.0475
MLE	968.	1.2920	0.0483
MQ1	968.	1.2931	0.0484
MQ2	982.	1.2748	0.0440
KWN	958.	1.2923	0.0562
METHOD USED	BON1		
AOV	925.	1.4036	0.0415
MLE	920.	1.4117	0.0413
MQ1	918.	1.4147	0.0411
MQ2	954.	1.3575	0.0397
KWN	946.	1.3980	0.0326
METHOD USED	BON2		
AOV	969.	1.2844	0.0513
MLE	969.	1.2845	0.0514
MQ1	969.	1.2845	0.0514
MQ2	969.	1.2842	0.0513
KWN	969.	1.2843	0.0512
METHOD USED	MLS		
AOV	943.	1.3739	0.0408
MLE	942.	1.3740	0.0408
MQ1	942.	1.3740	0.0408
MQ2	943.	1.3736	0.0408
KWN	943.	1.3730	0.0407
METHOD USED	HAL		
AOV	965.	1.3436	0.0386
MLE	965.	1.3445	0.0388
MQ1	965.	1.3448	0.0388
MQ2	966.	1.3399	0.0377
KWN	966.	1.3738	0.0375
METHOD USED	NORM		
AOV	815.	1.5357	0.0250
MLE	806.	1.5385	0.0250
MQ1	804.	1.5395	0.0249
MQ2	847.	1.5200	0.0243
KWN	868.	1.5332	0.0227

TABLE 97 - EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 6 5 10 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	992.	1.6009	0.0073
MLE	989.	1.6087	0.0075
MQ1	993.	1.6071	0.0071
MQ2	1000.	1.5569	0.0050
KWN	947.	1.6003	0.0169
METHOD USED BON1			
AOV	906.	1.7164	0.0038
MLE	902.	1.7236	0.0036
MQ1	903.	1.7234	0.0036
MQ2	970.	1.6688	0.0054
KWN	951.	1.7200	0.0024
METHOD USED BON2			
AOV	977.	1.6569	0.0065
MLE	976.	1.6570	0.0065
MQ1	977.	1.6570	0.0065
MQ2	979.	1.6563	0.0065
KWN	979.	1.6568	0.0064
METHOD USED MLS			
AOV	945.	1.6936	0.0049
MLE	944.	1.6937	0.0049
MQ1	945.	1.6937	0.0049
MQ2	947.	1.6930	0.0049
KWN	947.	1.6935	0.0048
METHOD USED HAL			
AOV	999.	1.6194	0.0047
MLE	997.	1.6223	0.0049
MQ1	999.	1.6214	0.0047
MQ2	1000.	1.6056	0.0039
KWN	1000.	1.6147	0.0036
METHOD USED NORM			
AOV	833.	1.7489	0.0025
MLE	830.	1.7507	0.0025
MQ1	831.	1.7507	0.0025
MQ2	915.	1.7248	0.0029
KWN	863.	1.7488	0.0020

TABLE 98 - EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 6 5 10 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	994.	1.5122	0.0126
MLE	990.	1.5183	0.0130
MQ1	994.	1.5181	0.0128
MQ2	1000.	1.4827	0.0099
KWN	961.	1.5172	0.0250
METHOD USED BON1			
AOV	909.	1.6513	0.0090
MLE	898.	1.6578	0.0086
MQ1	900.	1.6583	0.0085
MQ2	973.	1.5903	0.0104
KWN	956.	1.6500	0.0055
METHOD USED BON2			
AOV	975.	1.5663	0.0135
MLE	975.	1.5664	0.0135
MQ1	975.	1.5664	0.0135
MQ2	975.	1.5659	0.0135
KWN	975.	1.5662	0.0134
METHOD USED MLS			
AOV	947.	1.6173	0.0103
MLE	947.	1.6174	0.0103
MQ1	947.	1.6174	0.0103
MQ2	949.	1.6169	0.0102
KWN	949.	1.6174	0.0103
METHOD USED HAL			
AOV	995.	1.5489	0.0089
MLE	995.	1.5507	0.0091
MQ1	995.	1.5506	0.0090
MQ2	998.	1.5406	0.0082
KWN	999.	1.5457	0.0079
METHOD USED NORM			
AOV	817.	1.7000	0.0055
MLE	805.	1.7029	0.0054
MQ1	804.	1.7031	0.0054
MQ2	902.	1.6730	0.0057
KWN	855.	1.6988	0.0043

TABLE 99 - EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 6 5 10 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	986.	1.0939	0.0706
MLE	984.	1.0957	0.0713
MQ1	984.	1.0960	0.0714
MQ2	991.	1.0864	0.0678
KWN	964.	1.1020	0.0916
METHOD USED	BON1		
AOV	920.	1.2676	0.0634
MLE	911.	1.2781	0.0633
MQ1	910.	1.2800	0.0631
MQ2	959.	1.2074	0.0602
KWN	951.	1.2615	0.0481
METHOD USED	BON2		
AOV	972.	1.1134	0.0805
MLE	972.	1.1134	0.0805
MQ1	972.	1.1134	0.0805
MQ2	972.	1.1133	0.0804
KWN	972.	1.1134	0.0804
METHOD USED	MLS		
AOV	946.	1.2286	0.0621
MLE	946.	1.2286	0.0621
MQ1	946.	1.2286	0.0621
MQ2	946.	1.2284	0.0620
KWN	946.	1.2285	0.0620
METHOD USED	HAL		
AOV	974.	1.1857	0.0574
MLE	971.	1.1862	0.0575
MQ1	971.	1.1862	0.0575
MQ2	979.	1.1848	0.0567
KWN	979.	1.1848	0.0567
METHOD USED	NORM		
AOV	819.	1.4250	0.0368
MLE	813.	1.4291	0.0368
MQ1	813.	1.4298	0.0368
MQ2	853.	1.4025	0.0355
KWN	837.	1.4219	0.0323

TABLE 100- EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 6 10 2 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	991.	1.6711	0.0051
MLE	990.	1.6759	0.0052
MQ1	993.	1.6735	0.0048
MQ2	995.	1.6458	0.0040
KWN	952.	1.6745	0.0119
METHOD USED	BON1		
AOV	930.	1.7679	0.0031
MLE	924.	1.7711	0.0030
MQ1	927.	1.7709	0.0029
MQ2	972.	1.7290	0.0042
KWN	955.	1.7685	0.0022
METHOD USED	BON2		
AOV	979.	1.7163	0.0049
MLE	979.	1.7164	0.0049
MQ1	979.	1.7163	0.0049
MQ2	979.	1.7159	0.0049
KWN	979.	1.7162	0.0049
METHOD USED	MLS		
AOV	957.	1.7485	0.0038
MLE	957.	1.7486	0.0038
MQ1	957.	1.7486	0.0038
MQ2	957.	1.7482	0.0038
KWN	957.	1.7485	0.0038
METHOD USED	HAL		
AOV	993.	1.6893	0.0037
MLE	993.	1.6909	0.0038
MQ1	994.	1.6898	0.0036
MQ2	995.	1.6821	0.0034
KWN	955.	1.6868	0.0032
METHOD USED	NORM		
AOV	851.	1.7956	0.0021
MLE	847.	1.7969	0.0021
MQ1	848.	1.7968	0.0020
MQ2	912.	1.7789	0.0024
KWN	864.	1.7956	0.0018

TABLE 101- EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 6 10 2 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	992.	1.6007	0.0091
MLE	992.	1.9042	0.0093
MQ1	995.	1.6038	0.0091
MQ2	999.	1.5842	0.0078
KWN	954.	1.6061	0.0177
METHOD USED BON1			
AOV	915.	1.7089	0.0073
MLE	910.	1.7138	0.0071
MQ1	910.	1.7147	0.0069
MQ2	967.	1.6625	0.0083
KWN	944.	1.7087	0.0050
METHOD USED BON2			
AOV	974.	1.6401	0.0104
MLE	974.	1.6402	0.0104
MQ1	974.	1.6402	0.0104
MQ2	974.	1.6399	0.0103
KWN	974.	1.6401	0.0103
METHOD USED MLS			
AOV	945.	1.6833	0.0082
MLE	945.	1.6833	0.0082
MQ1	945.	1.6833	0.0082
MQ2	945.	1.6830	0.0082
KWN	945.	1.6832	0.0081
METHOD USED HAL			
AOV	995.	1.6301	0.0072
MLE	993.	1.6311	0.0073
MQ1	996.	1.6309	0.0072
MQ2	996.	1.6257	0.0069
KWN	996.	1.6284	0.0067
METHOD USED NORM			
AOV	840.	1.7532	0.0047
MLE	831.	1.7552	0.0047
MQ1	833.	1.7555	0.0046
MQ2	894.	1.7347	0.0048
KWN	867.	1.7527	0.0040

TABLE 102- EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 6 10 2 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	977.	1.2667	0.0515
MLE	976.	1.2678	0.0519
MQ1	976.	1.2682	0.0519
MQ2	980.	1.2621	0.0501
KWN	960.	1.2736	0.0649
METHOD USED BON1			
AOV	914.	1.3934	0.0478
MLE	911.	1.4014	0.0476
MQ1	950.	1.4050	0.0473
MQ2	955.	1.3480	0.0458
KWN	946.	1.3891	0.0379
METHOD USED BON2			
AOV	967.	1.2726	0.0590
MLE	967.	1.2726	0.0590
MQ1	967.	1.2726	0.0590
MQ2	967.	1.2725	0.0590
KWN	967.	1.2725	0.0590
METHOD USED MLS			
AOV	943.	1.3641	0.0470
MLE	943.	1.3641	0.0470
MQ1	943.	1.3641	0.0470
MQ2	943.	1.3640	0.0470
KWN	943.	1.3641	0.0470
METHOD USED HAL			
AOV	966.	1.3314	0.0438
MLE	966.	1.3317	0.0439
MQ1	966.	1.3318	0.0439
MQ2	968.	1.3302	0.0435
KWN	968.	1.3309	0.0435
METHOD USED NORM			
AOV	829.	1.5288	0.0288
MLE	826.	1.5316	0.0288
MQ1	823.	1.5329	0.0288
MQ2	854.	1.5133	0.0281
KWN	846.	1.5268	0.0262

TABLE 103- EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 6 10 5 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	999.	1.5684	0.0049
MLE	999.	1.5719	0.0051
MQ1	999.	1.5706	0.0049
MQ2	999.	1.5522	0.0039
KWN	961.	1.5845	0.0190
METHOD USED BON1			
AOV	909.	1.7271	0.0036
MLE	898.	1.7310	0.0033
MQ1	902.	1.7309	0.0033
MQ2	971.	1.6783	0.0051
KWN	948.	1.7262	0.0023
METHOD USED BON2			
AOV	974.	1.6668	0.0061
MLE	974.	1.6669	0.0061
MQ1	974.	1.6669	0.0061
MQ2	975.	1.6667	0.0061
KWN	974.	1.6668	0.0061
METHOD USED MLS			
AOV	950.	1.7024	0.0045
MLE	950.	1.7024	0.0045
MQ1	950.	1.7024	0.0045
MQ2	951.	1.7022	0.0045
KWN	950.	1.7023	0.0045
METHOD USED HAL			
AOV	999.	1.6145	0.0037
MLE	999.	1.6155	0.0037
MQ1	999.	1.6150	0.0037
MQ2	999.	1.6103	0.0034
KWN	999.	1.6126	0.0034
METHOD USED NORM			
AOV	813.	1.7555	0.0023
MLE	806.	1.7572	0.0023
MQ1	807.	1.7572	0.0023
MQ2	915.	1.7315	0.0027
KWN	853.	1.7545	0.0019

TABLE 104- EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 6 10 5 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	1000.	1.4850	0.0100
MLE	1000.	1.4871	0.0102
MQ1	1000.	1.4869	0.0101
MQ2	1000.	1.4759	0.0090
KWN	963.	1.5016	0.0267
METHOD USED BON1			
AOV	905.	1.6516	0.0089
MLE	895.	1.6580	0.0089
MQ1	895.	1.6584	0.0084
MQ2	974.	1.5915	0.0104
KWN	965.	1.6495	0.0055
METHOD USED BON2			
AOV	977.	1.5678	0.0134
MLE	977.	1.5678	0.0134
MQ1	977.	1.5678	0.0134
MQ2	977.	1.5677	0.0134
KWN	977.	1.5677	0.0134
METHOD USED MLS			
AOV	951.	1.6181	0.0102
MLE	951.	1.6181	0.0102
MQ1	951.	1.6181	0.0102
MQ2	951.	1.6180	0.0102
KWN	951.	1.6181	0.0102
METHOD USED HAL			
AOV	1000.	1.5416	0.0082
MLE	1000.	1.5421	0.0082
MQ1	1000.	1.5420	0.0082
MQ2	1000.	1.5393	0.0080
KWN	1000.	1.5405	0.0079
METHOD USED NORM			
AOV	815.	1.6995	0.0055
MLE	810.	1.7024	0.0054
MQ1	811.	1.7026	0.0054
MQ2	900.	1.6725	0.0057
KWN	855.	1.6978	0.0043

TABLE 105- EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 6 10 5 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	989.	1.0829	0.0667
MLE	988.	1.0833	0.0669
MQ1	989.	1.0834	0.0669
MQ2	990.	1.0809	0.0659
KWN	959.	1.0945	0.0898
METHOD USED BON1			
AOV	911.	1.2633	0.0621
MLE	908.	1.2738	0.0619
MQ1	904.	1.2757	0.0617
MQ2	948.	1.2034	0.0593
KWN	946.	1.2572	0.0474
METHOD USED BON2			
AOV	972.	1.1059	0.0789
MLE	972.	1.1059	0.0789
MQ1	972.	1.1059	0.0789
MQ2	972.	1.1059	0.0789
KWN	972.	1.1059	0.0789
METHOD USED MLS			
AOV	939.	1.2244	0.0610
MLE	939.	1.2244	0.0610
MQ1	939.	1.2244	0.0610
MQ2	939.	1.2244	0.0610
KWN	939.	1.2244	0.0610
METHOD USED HAL			
AOV	973.	1.1798	0.0558
MLE	973.	1.1799	0.0559
MQ1	973.	1.1799	0.0558
MQ2	977.	1.1793	0.0556
KWN	977.	1.1795	0.0556
METHOD USED NORM			
AOV	822.	1.4204	0.0364
MLE	817.	1.4245	0.0364
MQ1	816.	1.4252	0.0364
MQ2	855.	1.3980	0.0352
KWN	840.	1.4173	0.0321

TABLE 106- EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 6 10 10 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	1000.	1.4745	0.0052
MLE	1000.	1.4767	0.0054
MQ1	1000.	1.4761	0.0053
MQ2	1000.	1.4648	0.0045
KWN	962.	1.4953	0.0274
METHOD USED BON1			
AOV	912.	1.6828	0.0044
MLE	900.	1.6876	0.0041
MQ1	903.	1.6874	0.0041
MQ2	975.	1.6240	0.0064
KWN	959.	1.6820	0.0025
METHOD USED BON2			
AOV	978.	1.6126	0.0078
MLE	978.	1.6126	0.0078
MQ1	978.	1.6126	0.0078
MQ2	978.	1.6126	0.0078
KWN	978.	1.6126	0.0078
METHOD USED MLS			
AOV	954.	1.6526	0.0057
MLE	954.	1.6526	0.0057
MQ1	954.	1.6526	0.0057
MQ2	954.	1.6526	0.0057
KWN	954.	1.6526	0.0057
METHOD USED HAL			
AOV	1000.	1.5437	0.0042
MLE	1000.	1.5443	0.0042
MQ1	1000.	1.5441	0.0042
MQ2	1000.	1.5413	0.0040
KWN	1000.	1.5426	0.0040
METHOD USED NORM			
AOV	801.	1.7133	0.0028
MLE	794.	1.7158	0.0027
MQ1	794.	1.7157	0.0027
MQ2	933.	1.6827	0.0033
KWN	861.	1.7123	0.0021

TABLE 107- EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 6 10 10 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	1000.	1.3815	0.0133
MLE	1000.	1.3827	0.0134
MQ1	1000.	1.3826	0.0134
MQ2	1000.	1.3764	0.0126
KWN	969.	1.4021	0.0404
METHOD USED	BON1		
AOV	894.	1.5944	0.0124
MLE	885.	1.6021	0.0118
MQ1	885.	1.6023	0.0117
MQ2	972.	1.5224	0.0145
KWN	949.	1.5927	0.0073
METHOD USED	BON2		
AOV	977.	1.4959	0.0192
MLE	977.	1.4959	0.0192
MQ1	977.	1.4959	0.0192
MQ2	977.	1.4958	0.0192
KWN	977.	1.4958	0.0192
METHOD USED	MLS		
AOV	943.	1.5540	0.0142
MLE	943.	1.5540	0.0142
MQ1	943.	1.5540	0.0142
MQ2	943.	1.5540	0.0142
KWN	943.	1.5540	0.0142
METHOD USED	HAL		
AOV	1000.	1.4604	0.0110
MLE	1000.	1.4607	0.0111
MQ1	1000.	1.4607	0.0111
MQ2	1000.	1.4592	0.0109
KWN	1000.	1.4598	0.0108
METHOD USED	NORM		
AOV	808.	1.6473	0.0076
MLE	792.	1.6511	0.0074
MQ1	792.	1.6512	0.0074
MQ2	902.	1.6130	0.0079
KWN	854.	1.6455	0.0056

TABLE 108- EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 6 10 10 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	988.	0.9308	0.0928
MLE	988.	0.9310	0.0929
MQ1	988.	0.9310	0.0929
MQ2	989.	0.9289	0.0922
KWN	953.	0.9476	0.1302
METHOD USED	BON1		
AOV	905.	1.1581	0.0857
MLE	897.	1.1706	0.0853
MQ1	896.	1.1717	0.0852
MQ2	949.	1.0861	0.0812
KWN	946.	1.1499	0.0631
METHOD USED	BON2		
AOV	963.	0.9768	0.1114
MLE	963.	0.9768	0.1114
MQ1	963.	0.9768	0.1114
MQ2	963.	0.9768	0.1114
KWN	963.	0.9768	0.1114
METHOD USED	MLS		
AOV	935.	1.1115	0.0839
MLE	935.	1.1115	0.0839
MQ1	935.	1.1115	0.0839
MQ2	935.	1.1115	0.0839
KWN	935.	1.1115	0.0839
METHOD USED	HAL		
AOV	972.	1.0567	0.0756
MLE	972.	1.0568	0.0757
MQ1	972.	1.0568	0.0757
MQ2	972.	1.0565	0.0755
KWN	972.	1.0566	0.0755
METHOD USED	NORM		
AOV	802.	1.3318	0.0485
MLE	792.	1.3369	0.0486
MQ1	791.	1.3374	0.0485
MQ2	847.	1.3033	0.0465
KWN	832.	1.3273	0.0415

TABLE 109- EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 10 3 2 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	868.	1.6958	0.0032
MLE	865.	1.6970	0.0032
MQ1	867.	1.6962	0.0031
MQ2	900.	1.6848	0.0035
KWN	869.	1.6966	0.0030
METHOD USED	BON1		
AOV	942.	1.6685	0.0036
MLE	942.	1.6701	0.0035
MQ1	944.	1.6690	0.0034
MQ2	962.	1.6536	0.0039
KWN	954.	1.6697	0.0030
METHOD USED	BON2		
AOV	989.	1.6170	0.0046
MLE	989.	1.6171	0.0046
MQ1	989.	1.6170	0.0046
MQ2	989.	1.6164	0.0046
KWN	989.	1.6171	0.0045
METHOD USED	MLS		
AOV	960.	1.6563	0.0039
MLE	960.	1.6563	0.0039
MQ1	960.	1.6563	0.0039
MQ2	961.	1.6557	0.0039
KWN	961.	1.6563	0.0038
METHOD USED	HAL		
AOV	944.	1.6649	0.0039
MLE	942.	1.6668	0.0038
MQ1	945.	1.6653	0.0037
MQ2	964.	1.6488	0.0042
KWN	956.	1.6661	0.0032
METHOD USED	NORM		
AOV	864.	1.7001	0.0030
MLE	864.	1.7009	0.0029
MQ1	864.	1.7004	0.0029
MQ2	876.	1.6932	0.0031
KWN	865.	1.7007	0.0028

TABLE 110- EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 10 3 2 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	872.	1.6364	0.0060
MLE	869.	1.6384	0.0059
MQ1	871.	1.6390	0.0058
MQ2	898.	1.6219	0.0064
KWN	879.	1.6366	0.0055
METHOD USED	BON1		
AOV	941.	1.6026	0.0067
MLE	938.	1.6052	0.0066
MQ1	982.	1.6058	0.0064
MQ2	968.	1.5845	0.0070
KWN	963.	1.6032	0.0053
METHOD USED	BON2		
AOV	988.	1.5391	0.0082
MLE	988.	1.5392	0.0082
MQ1	988.	1.5392	0.0082
MQ2	988.	1.5384	0.0082
KWN	988.	1.5391	0.0081
METHOD USED	MLS		
AOV	963.	1.5868	0.0071
MLE	963.	1.5869	0.0071
MQ1	963.	1.5869	0.0070
MQ2	964.	1.5861	0.0071
KWN	964.	1.5868	0.0070
METHOD USED	HAL		
AOV	944.	1.5953	0.0074
MLE	941.	1.5980	0.0073
MQ1	947.	1.5985	0.0071
MQ2	971.	1.5770	0.0075
KWN	965.	1.5953	0.0058
METHOD USED	NORM		
AOV	856.	1.6465	0.0052
MLE	852.	1.6477	0.0051
MQ1	853.	1.6480	0.0050
MQ2	879.	1.6380	0.0053
KWN	869.	1.6468	0.0046

TABLE 111- EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 10 3 2 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	891.	1.3145	0.0293
MLE	887.	1.3172	0.0295
MQ1	881.	1.3212	0.0295
MQ2	915.	1.3015	0.0283
KWN	907.	1.3106	0.0289
METHOD USED BON1			
AOV	939.	1.2553	0.0325
MLE	939.	1.2589	0.0325
MQ1	934.	1.2645	0.0322
MQ2	956.	1.2375	0.0319
KWN	958.	1.2531	0.0276
METHOD USED BON2			
AOV	981.	1.1554	0.0377
MLE	981.	1.1555	0.0377
MQ1	981.	1.1556	0.0377
MQ2	981.	1.1550	0.0376
KWN	981.	1.1552	0.0375
METHOD USED MLS			
AOV	955.	1.2383	0.0321
MLE	955.	1.2384	0.0321
MQ1	954.	1.2386	0.0321
MQ2	956.	1.2379	0.0320
KWN	956.	1.2382	0.0319
METHOD USED HAL			
AOV	947.	1.2352	0.0339
MLE	945.	1.2376	0.0342
MQ1	939.	1.2411	0.0344
MQ2	961.	1.2243	0.0325
KWN	964.	1.2315	0.0309
METHOD USED NORM			
AOV	843.	1.3663	0.0233
MLE	838.	1.3680	0.0233
MQ1	834.	1.3706	0.0232
MQ2	857.	1.3582	0.0231
KWN	860.	1.3653	0.0214

TABLE 112- EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 10 3 5 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	915.	1.7902	0.0016
MLE	913.	1.7914	0.0016
MQ1	916.	1.7912	0.0016
MQ2	945.	1.7820	0.0017
KWN	900.	1.7907	0.0019
METHOD USED BON1			
AOV	945.	1.7822	0.0016
MLE	943.	1.7835	0.0016
MQ1	943.	1.7834	0.0016
MQ2	963.	1.7726	0.0018
KWN	957.	1.7825	0.0014
METHOD USED BON2			
AOV	981.	1.7534	0.0020
MLE	981.	1.7535	0.0020
MQ1	981.	1.7535	0.0020
MQ2	981.	1.7529	0.0020
KWN	981.	1.7934	0.0020
METHOD USED MLS			
AOV	959.	1.7736	0.0018
MLE	959.	1.7737	0.0018
MQ1	959.	1.7737	0.0018
MQ2	961.	1.7731	0.0018
KWN	960.	1.7736	0.0018
METHOD USED HAL			
AOV	971.	1.7660	0.0019
MLE	969.	1.7678	0.0019
MQ1	971.	1.7673	0.0019
MQ2	979.	1.7548	0.0019
KWN	982.	1.7736	0.0015
METHOD USED NORM			
AOV	876.	1.8007	0.0014
MLE	875.	1.8012	0.0014
MQ1	875.	1.8012	0.0014
MQ2	896.	1.7970	0.0014
KWN	887.	1.8008	0.0013

TABLE 113- EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 10 3 5 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	903.	1.7453	0.0029
MLE	901.	1.7469	0.0029
MQ1	899.	1.7475	0.0029
MQ2	920.	1.7367	0.0029
KWN	889.	1.7456	0.0034
METHOD USED	BON1		
AOV	921.	1.7341	0.0032
MLE	918.	1.7361	0.0031
MQ1	919.	1.7370	0.0031
MQ2	957.	1.7219	0.0033
KWN	949.	1.7340	0.0025
METHOD USED	BON2		
AOV	984.	1.6967	0.0038
MLE	984.	1.6968	0.0038
MQ1	984.	1.6969	0.0038
MQ2	984.	1.6962	0.0038
KWN	984.	1.6967	0.0038
METHOD USED	MLS		
AOV	954.	1.7227	0.0033
MLE	954.	1.7228	0.0033
MQ1	954.	1.7229	0.0033
MQ2	955.	1.7222	0.0033
KWN	955.	1.7227	0.0033
METHOD USED	HAL		
AOV	963.	1.7130	0.0035
MLE	960.	1.7149	0.0035
MQ1	961.	1.7156	0.0034
MQ2	982.	1.7030	0.0034
KWN	983.	1.7114	0.0028
METHOD USED	NORM		
AOV	867.	1.7630	0.0024
MLE	865.	1.7638	0.0024
MQ1	865.	1.7641	0.0024
MQ2	884.	1.7581	0.0025
KWN	880.	1.7630	0.0022

TABLE 114- EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 10 3 5 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	917.	1.5180	0.0161
MLE	914.	1.5192	0.0162
MQ1	910.	1.5205	0.0162
MQ2	930.	1.5125	0.0157
KWN	908.	1.5182	0.0174
METHOD USED	BON1		
AOV	946.	1.4813	0.0189
MLE	942.	1.4839	0.0189
MQ1	938.	1.4868	0.0189
MQ2	955.	1.4686	0.0186
KWN	959.	1.4789	0.0162
METHOD USED	BON2		
AOV	976.	1.4181	0.0214
MLE	976.	1.4182	0.0214
MQ1	976.	1.4183	0.0214
MQ2	977.	1.4178	0.0214
KWN	977.	1.4180	0.0214
METHOD USED	MLS		
AOV	955.	1.4688	0.0187
MLE	955.	1.4689	0.0187
MQ1	955.	1.4690	0.0187
MQ2	955.	1.4685	0.0186
KWN	955.	1.4687	0.0186
METHOD USED	HAL		
AOV	959.	1.4579	0.0187
MLE	959.	1.4590	0.0188
MQ1	959.	1.4602	0.0188
MQ2	967.	1.4533	0.0182
KWN	969.	1.4560	0.0176
METHOD USED	NORM		
AOV	866.	1.5627	0.0138
MLE	862.	1.5637	0.0138
MQ1	858.	1.5649	0.0137
MQ2	874.	1.5576	0.0137
KWN	874.	1.5617	0.0129

TABLE 115- EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 10 3 10 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	951.	1.7315	0.0019
MLE	948.	1.7334	0.0019
MQ1	951.	1.7330	0.0019
MQ2	973.	1.7327	0.0019
KWN	895.	1.7327	0.0033
METHOD USED	BON1		
AOV	932.	1.7396	0.0018
MLE	930.	1.7412	0.0018
MQ1	930.	1.7411	0.0018
MQ2	955.	1.7279	0.0020
KWN	957.	1.7394	0.0014
METHOD USED	BON2		
AOV	977.	1.7060	0.0024
MLE	977.	1.7060	0.0024
MQ1	977.	1.7060	0.0024
MQ2	977.	1.7056	0.0024
KWN	977.	1.7059	0.0024
METHOD USED	MLS		
AOV	952.	1.7284	0.0020
MLE	952.	1.7284	0.0020
MQ1	952.	1.7284	0.0020
MQ2	954.	1.7280	0.0020
KWN	954.	1.7283	0.0020
METHOD USED	HAL		
AOV	980.	1.7017	0.0023
MLE	977.	1.7039	0.0023
MQ1	980.	1.7033	0.0022
MQ2	992.	1.6904	0.0021
KWN	996.	1.6990	0.0017
METHOD USED	NORM		
AOV	845.	1.7593	0.0014
MLE	844.	1.7600	0.0014
MQ1	845.	1.7600	0.0014
MQ2	878.	1.7537	0.0015
KWN	863.	1.7592	0.0013

TABLE 116- EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 10 3 10 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	946.	1.6738	0.0039
MLE	941.	1.6756	0.0039
MQ1	942.	1.6759	0.0039
MQ2	959.	1.6649	0.0037
KWN	890.	1.6757	0.0060
METHOD USED	BON1		
AOV	930.	1.6800	0.0042
MLE	922.	1.6825	0.0041
MQ1	923.	1.6830	0.0041
MQ2	951.	1.6647	0.0044
KWN	956.	1.6790	0.0031
METHOD USED	BON2		
AOV	973.	1.6350	0.0052
MLE	973.	1.6350	0.0052
MQ1	973.	1.6350	0.0052
MQ2	973.	1.6346	0.0052
KWN	973.	1.6349	0.0052
METHOD USED	MLS		
AOV	951.	1.6649	0.0045
MLE	951.	1.6650	0.0045
MQ1	951.	1.6650	0.0045
MQ2	952.	1.6646	0.0044
KWN	952.	1.6648	0.0044
METHOD USED	HAL		
AOV	975.	1.6364	0.0046
MLE	974.	1.6382	0.0046
MQ1	974.	1.6385	0.0045
MQ2	979.	1.6281	0.0043
KWN	987.	1.6338	0.0037
METHOD USED	NORM		
AOV	844.	1.7117	0.0031
MLE	841.	1.7129	0.0031
MQ1	841.	1.7132	0.0031
MQ2	873.	1.7044	0.0032
KWN	872.	1.7112	0.0027

TABLE 117- EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 10 3 10 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	913.	1.3997	0.0217
MLE	910.	1.4005	0.0218
MQ1	909.	1.4010	0.0218
MQ2	923.	1.3961	0.0213
KWN	885.	1.4022	0.0258
METHOD USED BON1			
AOV	922.	1.3712	0.0264
MLE	918.	1.3747	0.0264
MQ1	917.	1.3766	0.0264
MQ2	938.	1.3547	0.0260
KWN	944.	1.3683	0.0221
METHOD USED BON2			
AOV	967.	1.2913	0.0306
MLE	967.	1.2913	0.0306
MQ1	967.	1.3913	0.0306
MQ2	967.	1.3912	0.0306
KWN	967.	1.3912	0.0305
METHOD USED MLS			
AOV	938.	1.3547	0.0260
MLE	938.	1.3547	0.0261
MQ1	938.	1.3547	0.0261
MQ2	938.	1.3545	0.0260
KWN	938.	1.3546	0.0260
METHOD USED HAL			
AOV	956.	1.3326	0.0253
MLE	956.	1.3333	0.0254
MQ1	956.	1.3336	0.0254
MQ2	957.	1.3299	0.0249
KWN	959.	1.3313	0.0245
METHOD USED NORM			
AOV	830.	1.4659	0.0188
MLE	828.	1.4675	0.0188
MQ1	827.	1.4684	0.0188
MQ2	845.	1.4584	0.0187
KWN	844.	1.4644	0.0172

TABLE 118- EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 10 5 2 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	927.	1.7823	0.0018
MLE	925.	1.7836	0.0018
MQ1	926.	1.7830	0.0017
MQ2	956.	1.7740	0.0017
KWN	880.	1.7832	0.0026
METHOD USED BON1			
AOV	931.	1.7815	0.0018
MLE	927.	1.7827	0.0017
MQ1	932.	1.7827	0.0017
MQ2	952.	1.7719	0.0019
KWN	947.	1.7818	0.0015
METHOD USED BON2			
AOV	982.	1.7509	0.0022
MLE	982.	1.7509	0.0022
MQ1	982.	1.7509	0.0022
MQ2	982.	1.7505	0.0022
KWN	982.	1.7908	0.0022
METHOD USED MLS			
AOV	948.	1.7732	0.0019
MLE	948.	1.7733	0.0019
MQ1	948.	1.7733	0.0019
MQ2	949.	1.7728	0.0019
KWN	949.	1.7732	0.0019
METHOD USED HAL			
AOV	977.	1.7558	0.0021
MLE	972.	1.7574	0.0021
MQ1	981.	1.7565	0.0020
MQ2	988.	1.7467	0.0020
KWN	987.	1.7541	0.0017
METHOD USED NORM			
AOV	869.	1.8015	0.0014
MLE	867.	1.8020	0.0014
MQ1	867.	1.8019	0.0014
MQ2	885.	1.7974	0.0015
KWN	874.	1.8016	0.0013

TABLE 119- EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 10 5 2 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	932.	1.7390	0.0032
MLE	926.	1.7404	0.0032
MQ1	927.	1.7410	0.0032
MQ2	945.	1.7320	0.0031
KWN	888.	1.7404	0.0044
METHOD USED	BON1		
AOV	934.	1.7360	0.0035
MLE	931.	1.7379	0.0035
MQ1	928.	1.7390	0.0034
MQ2	954.	1.7241	0.0037
KWN	950.	1.7355	0.0028
METHOD USED	BON2		
AOV	983.	1.6973	0.0042
MLE	982.	1.6973	0.0042
MQ1	982.	1.6974	0.0042
MQ2	983.	1.6969	0.0042
KWN	983.	1.6972	0.0042
METHOD USED	MLS		
AOV	950.	1.7250	0.0037
MLE	950.	1.7251	0.0037
MQ1	950.	1.7251	0.0037
MQ2	952.	1.7247	0.0037
KWN	951.	1.7250	0.0037
METHOD USED	HAL		
AOV	975.	1.7062	0.0037
MLE	973.	1.7076	0.0038
MQ1	975.	1.7081	0.0037
MQ2	984.	1.6993	0.0032
KWN	982.	1.7043	0.0032
METHOD USED	NORM		
AOV	850.	1.7657	0.0027
MLE	848.	1.7664	0.0027
MQ1	848.	1.7664	0.0027
MQ2	872.	1.7606	0.0027
KWN	865.	1.7654	0.0025

TABLE 120- EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 10 5 2 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	909.	1.5176	0.0167
MLE	906.	1.5184	0.0168
MQ1	903.	1.5195	0.0168
MQ2	914.	1.5144	0.0165
KWN	887.	1.5197	0.0189
METHOD USED	BON1		
AOV	926.	1.4861	0.0200
MLE	922.	1.4887	0.0200
MQ1	917.	1.4928	0.0199
MQ2	938.	1.4737	0.0197
KWN	942.	1.4835	0.0174
METHOD USED	BON2		
AOV	972.	1.4221	0.0226
MLE	972.	1.4222	0.0226
MQ1	972.	1.4222	0.0226
MQ2	972.	1.4220	0.0226
KWN	972.	1.4220	0.0226
METHOD USED	MLS		
AOV	938.	1.4740	0.0198
MLE	938.	1.4740	0.0198
MQ1	938.	1.4741	0.0198
MQ2	938.	1.4738	0.0198
KWN	938.	1.4739	0.0197
METHOD USED	HAL		
AOV	956.	1.4588	0.0194
MLE	954.	1.4594	0.0195
MQ1	953.	1.4604	0.0195
MQ2	961.	1.4563	0.0191
KWN	962.	1.4576	0.0188
METHOD USED	NORM		
AOV	830.	1.5679	0.0147
MLE	827.	1.5690	0.0147
MQ1	825.	1.5706	0.0147
MQ2	843.	1.5629	0.0146
KWN	843.	1.5668	0.0138

TABLE 121- EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 10 5 5 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	983.	1.7174	0.0016
MLE	981.	1.7189	0.0016
MQ1	984.	1.7184	0.0016
MQ2	992.	1.7100	0.0015
KWN	895.	1.7203	0.0040
METHOD USED BON1			
AOV	938.	1.7403	0.0016
MLE	931.	1.7419	0.0016
MQ1	935.	1.7418	0.0015
MQ2	961.	1.7287	0.0018
KWN	959.	1.7402	0.0012
METHOD USED BON2			
AOV	983.	1.7059	0.0022
MLE	983.	1.7060	0.0022
MQ1	983.	1.7059	0.0022
MQ2	983.	1.7057	0.0022
KWN	984.	1.7059	0.0022
METHOD USED MLS			
AOV	957.	1.7291	0.0018
MLE	957.	1.7292	0.0018
MQ1	957.	1.7292	0.0018
MQ2	958.	1.7289	0.0018
KWN	958.	1.7291	0.0018
METHOD USED HAL			
AOV	995.	1.6861	0.0015
MLE	995.	1.6896	0.0019
MQ1	995.	1.6891	0.0019
MQ2	997.	1.6816	0.0018
KWN	999.	1.6861	0.0015
METHOD USED NORM			
AOV	855.	1.7604	0.0012
MLE	854.	1.7612	0.0012
MQ1	855.	1.7612	0.0012
MQ2	882.	1.7545	0.0013
KWN	873.	1.7603	0.0011

TABLE 122- EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 10 5 5 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	973.	1.6615	0.0034
MLE	970.	1.6626	0.0034
MQ1	971.	1.6627	0.0034
MQ2	983.	1.6564	0.0033
KWN	898.	1.6644	0.0066
METHOD USED BON1			
AOV	924.	1.6797	0.0040
MLE	919.	1.6822	0.0039
MQ1	920.	1.6829	0.0039
MQ2	954.	1.6644	0.0042
KWN	952.	1.6793	0.0029
METHOD USED BON2			
AOV	986.	1.6335	0.0050
MLE	986.	1.6335	0.0050
MQ1	986.	1.6336	0.0050
MQ2	986.	1.6334	0.0050
KWN	986.	1.6335	0.0050
METHOD USED MLS			
AOV	953.	1.6645	0.0042
MLE	953.	1.6646	0.0042
MQ1	953.	1.6646	0.0042
MQ2	954.	1.6644	0.0042
KWN	954.	1.6645	0.0042
METHOD USED HAL			
AOV	994.	1.6259	0.0040
MLE	993.	1.6265	0.0040
MQ1	993.	1.6266	0.0040
MQ2	997.	1.6215	0.0038
KWN	998.	1.6242	0.0036
METHOD USED NORM			
AOV	853.	1.1723	0.0029
MLE	849.	1.7135	0.0029
MQ1	847.	1.7138	0.0029
MQ2	880.	1.7046	0.0030
KWN	872.	1.7119	0.0025

TABLE 123- EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 10 5 5 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	922.	1.3962	0.0207
MLE	922.	1.9666	0.0207
MQ1	922.	1.3968	0.0207
MQ2	926.	1.3946	0.0205
KWN	902.	1.4003	0.0257
METHOD USED	BON1		
AOV	929.	1.3722	0.0258
MLE	925.	1.3757	0.0258
MQ1	922.	1.3779	0.0258
MQ2	944.	1.3558	0.0255
KWN	948.	1.3694	0.0217
METHOD USED	BON2		
AOV	965.	1.2916	0.0299
MLE	965.	1.2916	0.0299
MQ1	965.	1.2916	0.0299
MQ2	965.	1.2915	0.0298
KWN	965.	1.2915	0.0298
METHOD USED	MLS		
AOV	945.	1.3557	0.0255
MLE	945.	1.3557	0.0255
MQ1	945.	1.3557	0.0255
MQ2	945.	1.3556	0.0255
KWN	945.	1.3556	0.0224
METHOD USED	HAL		
AOV	963.	1.3302	0.0243
MLE	963.	1.3305	0.0243
MQ1	963.	1.3307	0.0243
MQ2	964.	1.3291	0.0241
KWN	964.	1.3297	0.0239
METHOD USED	NORM		
AOV	827.	1.4675	0.0185
MLE	823.	1.4691	0.0185
MQ1	822.	1.4702	0.0185
MQ2	842.	1.4600	0.0183
KWN	844.	1.4661	0.0169

TABLE 124- EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 10 5 10 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	997.	1.6560	0.0019
MLE	997.	1.6572	0.0019
MQ1	997.	1.6569	0.0019
MQ2	998.	1.6506	0.0018
KWN	887.	1.6604	0.0069
METHOD USED	BON1		
AOV	925.	1.6992	0.0021
MLE	923.	1.7012	0.0020
MQ1	923.	1.7011	0.0020
MQ2	951.	1.6856	0.0024
KWN	953.	1.6993	0.0014
METHOD USED	BON2		
AOV	980.	1.6608	0.0029
MLE	980.	1.6609	0.0029
MQ1	980.	1.6609	0.0029
MQ2	981.	1.6607	0.0029
KWN	981.	1.6608	0.0029
METHOD USED	MLS		
AOV	950.	1.6855	0.0024
MLE	950.	1.6856	0.0024
MQ1	950.	1.6856	0.0024
MQ2	951.	1.6854	0.0024
KWN	951.	1.6855	0.0024
METHOD USED	HAL		
AOV	999.	1.6264	0.0022
MLE	999.	1.6274	0.0022
MQ1	999.	1.6272	0.0022
MQ2	1000.	1.6221	0.0021
KWN	1000.	1.6248	0.0019
METHOD USED	NORM		
AOV	853.	1.7204	0.0016
MLE	847.	1.7215	0.0015
MQ1	849.	1.7214	0.0015
MQ2	889.	1.7128	0.0017
KWN	879.	1.7203	0.0013

TABLE 125- EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 10 5 10 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	981.	1.5975	0.0041
MLE	981.	1.5983	0.0041
MQ1	981.	1.5983	0.0041
MQ2	986.	1.5941	0.0040
KWN	888.	1.6056	0.0100
METHOD USED	BON1		
AOV	911.	1.6331	0.0051
MLE	904.	1.6360	0.0050
MQ1	903.	1.6364	0.0049
MQ2	943.	1.6152	0.0054
KWN	951.	1.6315	0.0035
METHOD USED	BON2		
AOV	973.	1.5813	0.0066
MLE	973.	1.5813	0.0066
MQ1	973.	1.5813	0.0066
MQ2	973.	1.5812	0.0066
KWN	973.	1.5813	0.0065
METHOD USED	MLS		
AOV	944.	1.6149	0.0054
MLE	943.	1.6149	0.0054
MQ1	944.	1.6149	0.0054
MQ2	944.	1.6148	0.0054
KWN	944.	1.6149	0.0054
METHOD USED	HAL		
AOV	994.	1.5612	0.0048
MLE	992.	1.5618	0.0049
MQ1	994.	1.5618	0.0048
MQ2	995.	1.5586	0.0047
KWN	996.	1.5600	0.0045
METHOD USED	NORM		
AOV	824.	1.6673	0.0037
MLE	816.	1.6688	0.0036
MQ1	815.	1.6691	0.0036
MQ2	860.	1.6691	0.0038
KWN	857.	1.6662	0.0030

TABLE 126- EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 10 5 10 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	954.	1.2783	0.0268
MLE	954.	1.2785	0.0269
MQ1	954.	1.2785	0.0269
MQ2	955.	1.2774	0.0267
KWN	909.	1.2824	0.0352
METHOD USED	BON1		
AOV	936.	1.2591	0.0344
MLE	931.	1.2633	0.0344
MQ1	930.	1.2647	0.0344
MQ2	961.	1.2394	0.0339
KWN	965.	1.2570	0.0283
METHOD USED	BON2		
AOV	978.	1.1633	0.0405
MLE	978.	1.1633	0.0405
MQ1	978.	1.1632	0.0405
MQ2	978.	1.1632	0.0405
KWN	978.	1.1633	0.0405
METHOD USED	MLS		
AOV	961.	1.2392	0.0338
MLE	961.	1.2392	0.0338
MQ1	961.	1.2392	0.0388
MQ2	961.	1.2392	0.0388
KWN	961.	1.2392	0.0388
METHOD USED	HAL		
AOV	981.	1.2070	0.0318
MLE	981.	1.2071	0.0318
MQ1	981.	1.2072	0.0318
MQ2	981.	1.2064	0.0317
KWN	981.	1.2067	0.0316
METHOD USED	NORM		
AOV	842.	1.3666	0.0241
MLE	837.	1.3687	0.0241
MQ1	837.	1.3694	0.0241
MQ2	862.	1.3571	0.0238
KWN	861.	1.3653	0.0216

TABLE 127- EMPIRICAL COVERAGES

TRUE TP 1.7985
A,B,C 10 10 2 THETA,ZP 0.50 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	993.	1.7043	0.0016
MLE	992.	1.7049	0.0016
MQ1	993.	1.7046	0.0016
MQ2	995.	1.7011	0.0015
KWN	912.	1.7072	0.0050
METHOD USED	BON1		
AOV	946.	1.7380	0.0018
MLE	943.	1.7396	0.0017
MQ1	944.	1.7395	0.0017
MQ2	965.	1.7263	0.0020
KWN	963.	1.7385	0.0014
METHOD USED	BON2		
AOV	987.	1.7021	0.0024
MLE	987.	1.7021	0.0024
MQ1	987.	1.7021	0.0024
MQ2	987.	1.7020	0.0024
KWN	987.	1.7021	0.0024
METHOD USED	MLS		
AOV	959.	1.7267	0.0020
MLE	959.	1.7268	0.0020
MQ1	959.	1.7268	0.0020
MQ2	960.	1.7267	0.0020
KWN	960.	1.7267	0.0020
METHOD USED	HAL		
AOV	998.	1.6770	0.0019
MLE	998.	1.6775	0.0019
MQ1	998.	1.6772	0.0018
MQ2	998.	1.6745	0.0018
KWN	998.	1.6762	0.0017
METHOD USED	NORM		
AOV	854.	1.7591	0.0014
MLE	849.	1.7599	0.0014
MQ1	851.	1.7599	0.0014
MQ2	891.	1.7530	0.0015
KWN	873.	1.7592	0.0012

TABLE 128- EMPIRICAL COVERAGES

TRUE TP 1.7674
A,B,C 10 10 2 THETA,ZP 1.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	984.	1.6569	0.0031
MLE	984.	1.6574	0.0031
MQ1	984.	1.6574	0.0031
MQ2	987.	1.6550	0.0030
KWN	903.	1.6642	0.0072
METHOD USED	BON1		
AOV	937.	1.6830	0.0039
MLE	934.	1.6854	0.0038
MQ1	935.	1.6862	0.0037
MQ2	959.	1.6680	0.0041
KWN	965.	1.6818	0.0028
METHOD USED	BON2		
AOV	981.	1.6366	0.0049
MLE	981.	1.6366	0.0049
MQ1	981.	1.6366	0.0049
MQ2	981.	1.6365	0.0049
KWN	981.	1.6365	0.0049
METHOD USED	MLS		
AOV	959.	1.6682	0.0042
MLE	959.	1.6682	0.0042
MQ1	959.	1.6682	0.0042
MQ2	959.	1.6681	0.0042
KWN	959.	1.6680	0.0041
METHOD USED	HAL		
AOV	997.	1.6232	0.0037
MLE	997.	1.6236	0.0037
MQ1	997.	1.6336	0.0037
MQ2	997.	1.6218	0.0036
KWN	997.	1.6226	0.0035
METHOD USED	NORM		
AOV	833.	1.7153	0.0028
MLE	827.	1.7165	0.0028
MQ1	828.	1.7169	0.0028
MQ2	875.	1.7077	0.0029
KWN	863.	1.7145	0.0024

TABLE 129- EMPIRICAL COVERAGES

TRUE TP 1.5971
A,B,C 10 10 2 THETA,ZP 5.00 -1.645

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	948.	1.3872	0.0184
MLE	948.	1.3873	0.0184
MQ1	948.	1.3874	0.0184
MQ2	948.	1.3868	0.0183
KWN	915.	1.3868	0.0183
METHOD USED	BON1		
AOV	947.	1.3641	0.0231
MLE	945.	1.3675	0.0232
MQ1	943.	1.3704	0.0231
MQ2	957.	1.3479	0.0228
KWN	961.	1.3622	0.0196
METHOD USED	BON2		
AOV	979.	1.2825	0.0267
MLE	979.	1.2825	0.0267
MQ1	979.	1.2825	0.0267
MQ2	979.	1.2824	0.0267
KWN	979.	1.2824	0.0267
METHOD USED	MLS		
AOV	957.	1.3478	0.0228
MLE	957.	1.3478	0.0228
MQ1	957.	1.3478	0.0228
MQ2	957.	1.3478	0.0228
KWN	957.	1.3478	0.0228
METHOD USED	HAL		
AOV	975.	1.3214	0.0216
MLE	975.	1.3215	0.0216
MQ1	975.	1.3216	0.0216
MQ2	976.	1.3211	0.0216
KWN	976.	1.3213	0.0215
METHOD USED	NORM		
AOV	848.	1.4611	0.0166
MLE	847.	1.4626	0.0166
MQ1	842.	1.4640	0.0166
MQ2	863.	1.4536	0.0165
KWN	863.	1.4600	0.0153

TABLE 130- EMPIRICAL COVERAGES

TRUE TP 1.7600
A,B,C 10 10 5 THETA,ZP 0.50 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	1000.	1.6471	0.0015
MLE	1000.	1.6474	0.0015
MQ1	1000.	1.6473	0.0015
MQ2	1000.	1.6455	0.0015
KWN	922.	1.6524	0.0068
METHOD USED	BON1		
AOV	940.	1.6999	0.0019
MLE	933.	1.7019	0.0019
MQ1	934.	1.7018	0.0018
MQ2	965.	1.6862	0.0022
KWN	963.	1.7001	0.0013
METHOD USED	BON2		
AOV	985.	1.6611	0.0027
MLE	985.	1.6611	0.0027
MQ1	985.	1.6611	0.0027
MQ2	985.	1.6611	0.0027
KWN	985.	1.6611	0.0027
METHOD USED	MLS		
AOV	965.	1.6860	0.0022
MLE	965.	1.6860	0.0022
MQ1	965.	1.6860	0.0022
MQ2	965.	1.6860	0.0022
KWN	965.	1.6860	0.0022
METHOD USED	HAL		
AOV	1000.	1.6198	0.0018
MLE	1000.	1.6201	0.0018
MQ1	1000.	1.6200	0.0018
MQ2	1000.	1.6186	0.0018
KWN	1000.	1.6194	0.0018
METHOD USED	NORM		
AOV	848.	1.7213	0.0014
MLE	844.	1.7224	0.0014
MQ1	845.	1.7223	0.0014
MQ2	891.	1.7135	0.0015
KWN	881.	1.7212	0.0012

TABLE 131- EMPIRICAL COVERAGES

TRUE TP 1.7228
A,B,C 10 10 5 THETA,ZP 1.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	997.	1.5860	0.0037
MLE	996.	1.5862	0.0037
MQ1	996.	1.5862	0.0037
MQ2	997.	1.5851	0.0037
KWN	909.	1.5924	0.0102
METHOD USED BON1			
AOV	925.	1.6267	0.0050
MLE	920.	1.6297	0.0049
MQ1	920.	1.6301	0.0048
MQ2	958.	1.6086	0.0053
KWN	966.	1.6262	0.0034
METHOD USED BON2			
AOV	985.	1.5739	0.0064
MLE	985.	1.5739	0.0064
MQ1	985.	1.5739	0.0064
MQ2	985.	1.5739	0.0064
KWN	985.	1.5739	0.0064
METHOD USED MLS			
AOV	958.	1.6082	0.0053
MLE	958.	1.6082	0.0053
MQ1	958.	1.6082	0.0053
MQ2	958.	1.6082	0.0053
KWN	958.	1.6082	0.0053
METHOD USED HAL			
AOV	1000.	1.5507	0.0045
MLE	1000.	1.5509	0.0045
MQ1	1000.	1.5509	0.0045
MQ2	1000.	1.5501	0.0044
KWN	1000.	1.5504	0.0044
METHOD USED NORM			
AOV	840.	1.6619	0.0035
MLE	835.	1.6635	0.0035
MQ1	835.	1.6638	0.0035
MQ2	880.	1.6520	0.0037
KWN	875.	1.6614	0.0028

TABLE 132- EMPIRICAL COVERAGES

TRUE TP 1.5199
A,B,C 10 10 5 THETA,ZP 5.00 -1.960

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	943.	1.2780	0.0268
MLE	943.	1.2781	0.0268
MQ1	943.	1.2781	0.0268
MQ2	943.	1.2778	0.0268
KWN	890.	1.2826	0.0354
METHOD USED BON1			
AOV	924.	1.2603	0.0344
MLE	922.	1.2645	0.0344
MQ1	921.	1.2658	0.0344
MQ2	947.	1.2406	0.0339
KWN	956.	1.2582	0.0284
METHOD USED BON2			
AOV	975.	1.1645	0.0404
MLE	975.	1.1645	0.0404
MQ1	975.	1.1645	0.0404
MQ2	975.	1.1645	0.0403
KWN	975.	1.1645	0.0403
METHOD USED MLS			
AOV	948.	1.2402	0.0339
MLE	948.	1.2402	0.0339
MQ1	948.	1.2402	0.0339
MQ2	948.	1.2402	0.0339
KWN	948.	1.2402	0.0339
METHOD USED HAL			
AOV	975.	1.2073	0.0317
MLE	975.	1.2073	0.0317
MQ1	975.	1.2073	0.0317
MQ2	975.	1.2071	0.0316
KWN	975.	1.2072	0.0316
METHOD USED NORM			
AOV	825.	1.3677	0.0244
MLE	822.	1.3698	0.0244
MQ1	820.	1.3705	0.0244
MQ2	839.	1.3582	0.0241
KWN	838.	1.3665	0.0219

TABLE 133- EMPIRICAL COVERAGES

TRUE TP 1.8430
A,B,C 10 10 10 THETA,ZP 0.50 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	994.	1.7630	0.0011
MLE	993.	1.7631	0.0011
MQ1	993.	1.7631	0.0011
MQ2	995.	1.7624	0.0011
KWN	886.	1.7679	0.0038
METHOD USED BON1			
AOV	915.	1.7939	0.0013
MLE	912.	1.7952	0.0013
MQ1	912.	1.7951	0.0013
MQ2	932.	1.7852	0.0015
KWN	935.	1.7938	0.0010
METHOD USED BON2			
AOV	964.	1.7701	0.0017
MLE	964.	1.7701	0.0017
MQ1	964.	1.7701	0.0017
MQ2	964.	1.7700	0.0017
KWN	964.	1.7701	0.0017
METHOD USED MLS			
AOV	933.	1.7848	0.0015
MLE	933.	1.7848	0.0015
MQ1	933.	1.7848	0.0015
MQ2	934.	1.7848	0.0015
KWN	934.	1.7848	0.0015
METHOD USED HAL			
AOV	998.	1.7401	0.0013
MLE	998.	1.7402	0.0013
MQ1	998.	1.7402	0.0013
MQ2	998.	1.7396	0.0013
KWN	998.	1.7399	0.0012
METHOD USED NORM			
AOV	850.	1.8098	0.0010
MLE	845.	1.8104	0.0010
MQ1	846.	1.8104	0.0010
MQ2	868.	1.8059	0.0011
KWN	862.	1.8097	0.0009

TABLE 134- EMPIRICAL COVERAGES

TRUE TP 1.8187
A,B,C 10 10 10 THETA,ZP 1.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED NCT			
AOV	981.	1.7220	0.0023
MLE	980.	1.7221	0.0023
MQ1	980.	1.7221	0.0023
MQ2	981.	1.7217	0.0023
KWN	903.	1.7267	0.0051
METHOD USED BON1			
AOV	925.	1.7432	0.0029
MLE	919.	1.7452	0.0029
MQ1	920.	1.7452	0.0029
MQ2	953.	1.7316	0.0031
KWN	948.	1.7427	0.0022
METHOD USED BON2			
AOV	973.	1.7099	0.0036
MLE	973.	1.7100	0.0036
MQ1	973.	1.7100	0.0036
MQ2	973.	1.7099	0.0036
KWN	973.	1.7099	0.0036
METHOD USED MLS			
AOV	953.	1.7310	0.0031
MLE	953.	1.7311	0.0031
MQ1	953.	1.7311	0.0031
MQ2	953.	1.7310	0.0031
KWN	953.	1.7310	0.0031
METHOD USED HAL			
AOV	996.	1.6926	0.0027
MLE	996.	1.6926	0.0027
MQ1	996.	1.6926	0.0027
MQ2	996.	1.6923	0.0027
KWN	997.	1.6925	0.0027
METHOD USED NORM			
AOV	847.	1.7700	0.0022
MLE	844.	1.7709	0.0022
MQ1	844.	1.7709	0.0022
MQ2	869.	1.7647	0.0023
KWN	868.	1.7697	0.0020

TABLE 135- EMPIRICAL COVERAGES

TRUE TP 1.6860
A,B,C 10 10 10 THETA,ZP 5.00 -1.282

DF	PI HAT	AVG. TP	VAR. TP
METHOD USED	NCT		
AOV	946.	1.5077	0.0146
MLE	946.	1.5078	0.0146
MQ1	946.	1.5078	0.0146
MQ2	946.	1.5076	0.0145
KWN	911.	1.5107	0.0181
METHOD USED	BON1		
AOV	940.	1.4850	0.0183
MLE	938.	1.4877	0.0183
MQ1	937.	1.4882	0.0183
MQ2	952.	1.4721	0.0180
KWN	954.	1.4836	0.0157
METHOD USED	BON2		
AOV	975.	1.4229	0.0208
MLE	975.	1.4229	0.0208
MQ1	975.	1.4229	0.0208
MQ2	975.	1.4229	0.0208
KWN	975.	1.4229	0.0208
METHOD USED	MLS		
AOV	952.	1.4718	0.0180
MLE	952.	1.4718	0.0180
MQ1	952.	1.4718	0.0180
MQ2	952.	1.4718	0.0180
KWN	952.	1.4718	0.0180
METHOD USED	HAL		
AOV	975.	1.4499	0.0170
MLE	975.	1.4499	0.0170
MQ1	975.	1.4499	0.0171
MQ2	975.	1.4498	0.0170
KWN	975.	1.4499	0.0170
METHOD USED	NORM		
AOV	857.	1.5671	0.0133
MLE	854.	1.5683	0.0133
MQ1	854.	1.5685	0.0133
MQ2	862.	1.5618	0.0133
KWN	863.	1.5664	0.0125

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This technical report is intended as a supplement to the dissertation by Ames (1987). Included here are the tables of the mean squared error and concentrations of the approximate degrees of freedom estimators of Chapter IV and the tables of empirical coverages of Chapter V.

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