

Supplementary Data: Full Simulation Tables (10,000 Replications)

November 29, 2025

Overview

This document contains the detailed simulation results for all 192 scenarios ($R=0.4, 0.5, 0.7$) with 10,000 replications.

Key Metrics:

- **Avg:** Average estimate
- **MSE:** Mean Squared Error
- **Bias:** Absolute bias
- **Width:** Average interval width
- **Coverage:** Coverage probability

Table: Average Estimates, MSEs, and Biases for R = 0.4

Setup	MLE			MPS			Bayes(IP)			Bayes(NIP)		
	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias
n20_m10_S1_End_T_Mean	0.40344	0.01279	0.00344	0.41838	0.01314	0.01838	0.40365	0.00298	0.00365	0.40796	0.01175	0.00796
n20_m10_S1_End_T_Median	0.40530	0.01266	0.00529	0.41905	0.01296	0.01905	0.40368	0.00288	0.00368	0.40977	0.01164	0.00977
n20_m10_S2_Begin_T_Mean	0.40251	0.00511	0.00251	0.40238	0.00516	0.00238	0.40377	0.00220	0.00377	0.40728	0.00473	0.00728
n20_m10_S2_Begin_T_Median	0.40254	0.00518	0.00254	0.40244	0.00527	0.00244	0.40379	0.00224	0.00378	0.40730	0.00479	0.00730
n20_m10_S3_Middle_T_Mean	0.40340	0.00548	0.00340	0.40303	0.00535	0.00303	0.40434	0.00223	0.00434	0.40845	0.00515	0.00845
n20_m10_S3_Middle_T_Median	0.40389	0.00554	0.00389	0.40386	0.00541	0.00386	0.40466	0.00226	0.00466	0.40882	0.00516	0.00882
n20_m10_S4_Uniform_T_Mean	0.40435	0.00583	0.00435	0.40442	0.00658	0.00442	0.40510	0.00237	0.00510	0.40996	0.00531	0.00996
n20_m10_S4_Uniform_T_Median	0.40247	0.00586	0.00247	0.40265	0.00677	0.00265	0.40385	0.00239	0.00385	0.40817	0.00534	0.00817
n20_m16_S1_End_T_Mean	0.40514	0.00673	0.00514	0.40737	0.00773	0.00737	0.40456	0.00276	0.00456	0.40808	0.00640	0.00808
n20_m16_S1_End_T_Median	0.40271	0.00689	0.00271	0.40378	0.00808	0.00378	0.40311	0.00280	0.00311	0.40576	0.00654	0.00576
n20_m16_S2_Begin_T_Mean	0.40266	0.00504	0.00266	0.40270	0.00534	0.00270	0.40340	0.00244	0.00340	0.40558	0.00480	0.00558
n20_m16_S2_Begin_T_Median	0.40286	0.00501	0.00286	0.40288	0.00532	0.00288	0.40355	0.00242	0.00355	0.40582	0.00477	0.00582
n20_m16_S3_Middle_T_Mean	0.40309	0.00505	0.00309	0.40326	0.00525	0.00326	0.40371	0.00245	0.00371	0.40606	0.00482	0.00606
n20_m16_S3_Middle_T_Median	0.40232	0.00508	0.00232	0.40289	0.00536	0.00289	0.40323	0.00247	0.00323	0.40528	0.00484	0.00528
n20_m16_S4_Uniform_T_Mean	0.40315	0.00499	0.00315	0.40316	0.00531	0.00316	0.40383	0.00244	0.00383	0.40617	0.00478	0.00617
n20_m16_S4_Uniform_T_Median	0.40286	0.00513	0.00286	0.40310	0.00548	0.00310	0.40353	0.00251	0.00353	0.40583	0.00489	0.00583
n30_m15_S1_End_T_Mean	0.40399	0.00857	0.00399	0.41521	0.00927	0.01521	0.40395	0.00296	0.00395	0.40723	0.00808	0.00723
n30_m15_S1_End_T_Median	0.40574	0.00850	0.00574	0.41684	0.00919	0.01684	0.40446	0.00290	0.00446	0.40903	0.00803	0.00902
n30_m15_S2_Begin_T_Mean	0.40286	0.00341	0.00285	0.40293	0.00346	0.00293	0.40383	0.00190	0.00383	0.40592	0.00326	0.00592
n30_m15_S2_Begin_T_Median	0.40157	0.00343	0.00157	0.40139	0.00346	0.00139	0.40289	0.00191	0.00289	0.40472	0.00327	0.00472
n30_m15_S3_Middle_T_Mean	0.40215	0.00361	0.00215	0.40177	0.00354	0.00177	0.40336	0.00195	0.00336	0.40540	0.00345	0.00540
n30_m15_S3_Middle_T_Median	0.40211	0.00375	0.00211	0.40229	0.00367	0.00229	0.40335	0.00203	0.00335	0.40532	0.00358	0.00532
n30_m15_S4_Uniform_T_Mean	0.40193	0.00355	0.00193	0.40242	0.00395	0.00242	0.40347	0.00193	0.00347	0.40578	0.00334	0.00578
n30_m15_S4_Uniform_T_Median	0.40224	0.00363	0.00224	0.40232	0.00400	0.00231	0.40364	0.00197	0.00364	0.40604	0.00342	0.00604
n30_m24_S1_End_T_Mean	0.40295	0.00442	0.00295	0.40338	0.00512	0.00338	0.40342	0.00239	0.00342	0.40494	0.00429	0.00494
n30_m24_S1_End_T_Median	0.40369	0.00453	0.00369	0.40465	0.00537	0.00465	0.40394	0.00245	0.00394	0.40574	0.00438	0.00574
n30_m24_S2_Begin_T_Mean	0.40079	0.00322	0.00079	0.40078	0.00334	0.00078	0.40194	0.00195	0.00194	0.40287	0.00314	0.00287
n30_m24_S2_Begin_T_Median	0.40071	0.00334	0.00070	0.40046	0.00348	0.00046	0.40179	0.00203	0.00179	0.40269	0.00323	0.00269
n30_m24_S3_Middle_T_Mean	0.40065	0.00335	0.00065	0.40100	0.00347	0.00100	0.40178	0.00204	0.00178	0.40268	0.00325	0.00268
n30_m24_S3_Middle_T_Median	0.40171	0.00326	0.00171	0.40168	0.00336	0.00168	0.40266	0.00199	0.00266	0.40380	0.00319	0.00380
n30_m24_S4_Uniform_T_Mean	0.40143	0.00328	0.00143	0.40157	0.00341	0.00157	0.40238	0.00201	0.00238	0.40345	0.00318	0.00345
n30_m24_S4_Uniform_T_Median	0.40220	0.00327	0.00220	0.40241	0.00341	0.00241	0.40300	0.00200	0.00300	0.40419	0.00318	0.00419
n50_m25_S1_End_T_Mean	0.40313	0.00515	0.00313	0.41133	0.00581	0.01133	0.40346	0.00258	0.00346	0.40526	0.00496	0.00526
n50_m25_S1_End_T_Median	0.40403	0.00512	0.00403	0.41055	0.00569	0.01055	0.40386	0.00256	0.00386	0.40622	0.00494	0.00622
n50_m25_S2_Begin_T_Mean	0.40114	0.00198	0.00114	0.40110	0.00198	0.00110	0.40221	0.00137	0.00221	0.40296	0.00193	0.00296
n50_m25_S2_Begin_T_Median	0.40071	0.00200	0.00071	0.40070	0.00198	0.00070	0.40187	0.00139	0.00186	0.40255	0.00194	0.00255
n50_m25_S3_Middle_T_Mean	0.40173	0.00215	0.00173	0.40176	0.00209	0.00176	0.40277	0.00147	0.00277	0.40366	0.00210	0.00366
n50_m25_S3_Middle_T_Median	0.40167	0.00217	0.00167	0.40152	0.00211	0.00152	0.40271	0.00148	0.00271	0.40362	0.00211	0.00362
n50_m25_S4_Uniform_T_Mean	0.40182	0.00207	0.00182	0.40180	0.00221	0.00180	0.40303	0.00142	0.00303	0.40412	0.00200	0.00412
n50_m25_S4_Uniform_T_Median	0.40152	0.00204	0.00151	0.40164	0.00215	0.00164	0.40277	0.00141	0.00276	0.40386	0.00199	0.00386
n50_m40_S1_End_T_Mean	0.40153	0.00263	0.00153	0.40170	0.00307	0.00170	0.40215	0.00180	0.00215	0.40279	0.00258	0.00279
n50_m40_S1_End_T_Median	0.40127	0.00255	0.00126	0.40146	0.00295	0.00146	0.40195	0.00175	0.00195	0.40254	0.00250	0.00254
n50_m40_S2_Begin_T_Mean	0.40168	0.00197	0.00168	0.40167	0.00201	0.00167	0.40235	0.00145	0.00235	0.40284	0.00194	0.00284
n50_m40_S2_Begin_T_Median	0.40072	0.00189	0.00072	0.40071	0.00194	0.00071	0.40153	0.00139	0.00153	0.40192	0.00186	0.00192
n50_m40_S3_Middle_T_Mean	0.40060	0.00198	0.00060	0.40072	0.00201	0.00072	0.40143	0.00146	0.00143	0.40180	0.00194	0.00180
n50_m40_S3_Middle_T_Median	0.40112	0.00196	0.00112	0.40114	0.00199	0.00114	0.40190	0.00145	0.00190	0.40234	0.00193	0.00233
n50_m40_S4_Uniform_T_Mean	0.40164	0.00196	0.00164	0.40179	0.00202	0.00179	0.40231	0.00145	0.00231	0.40282	0.00193	0.00282
n50_m40_S4_Uniform_T_Median	0.40115	0.00194	0.00115	0.40123	0.00199	0.00123	0.40190	0.00144	0.00190	0.40233	0.00190	0.00233
n100_m50_S1_End_T_Mean	0.40160	0.00249	0.00160	0.40691	0.00296	0.00691	0.40221	0.00173	0.00221	0.40277	0.00245	0.00277
n100_m50_S1_End_T_Median	0.40159	0.00260	0.00159	0.40513	0.00300	0.00513	0.40214	0.00180	0.00214	0.40278	0.00255	0.00278
n100_m50_S2_Begin_T_Mean	0.40104	0.00101	0.00104	0.40104	0.00100	0.00104	0.40169	0.00084	0.00169	0.40196	0.00100	0.00196
n100_m50_S2_Begin_T_Median	0.40027	0.00097	0.00027	0.40035	0.00097	0.00035	0.40100	0.00080	0.00100	0.40119	0.00096	0.00119
n100_m50_S3_Middle_T_Mean	0.40066	0.00105	0.00066	0.40069	0.00101	0.00069	0.40140	0.00086	0.00139	0.40163	0.00104	0.00163
n100_m50_S3_Middle_T_Median	0.40084	0.00105	0.00084	0.40072	0.00102	0.00072	0.40157	0.00086	0.00157	0.40184	0.00104	0.00183
n100_m50_S4_Uniform_T_Mean	0.40080	0.00099	0.00080	0.40087	0.00102	0.00087	0.40166	0.00082	0.00166	0.40196	0.00098	0.00196
n100_m50_S4_Uniform_T_Median	0.40020	0.00101	0.00020	0.40018	0.00104	0.00018	0.40110	0.00083	0.00110	0.40135	0.00099	0.00135
n100_m80_S1_End_T_Mean	0.40052	0.00129	0.00052	0.40056	0.00150	0.00056	0.40101	0.00107	0.00101	0.40116	0.00128	0.00116
n100_m80_S1_End_T_Median	0.40046	0.00128	0.00046	0.40054	0.00151	0.00054	0.40095	0.00106	0.00094	0.40111	0.00127	0.00111
n100_m80_S2_Begin_T_Mean	0.40027	0.00097	0.00027	0.40038	0.00097	0.00038	0.40077	0.00083	0.00077	0.40086	0.00096	0.00085
n100_m80_S2_Begin_T_Median	0.40073	0.00099	0.00073	0.40073	0.00100	0.00073	0.40119					

Table: Average Interval Widths and Coverage Probabilities for R = 0.4

Setup	MLE		MPS		Bayes(IP)		Bayes(NIP)	
	Width	Coverage	Width	Coverage	Width	Coverage	Width	Coverage
n20_m10_S1_End_T_Mean	0.42445	0.9053	0.35669	0.8501	0.30813	0.9941	0.41133	0.9266
n20_m10_S1_End_T_Median	0.43509	0.9034	0.36150	0.8544	0.31110	0.9944	0.41939	0.9262
n20_m10_S2_Begin_T_Mean	0.37993	0.9824	0.36610	0.9765	0.28218	0.9968	0.38847	0.9916
n20_m10_S2_Begin_T_Median	0.37985	0.9825	0.36596	0.9764	0.28216	0.9969	0.38840	0.9920
n20_m10_S3_Middle_T_Mean	0.39729	0.9813	0.39183	0.9813	0.29004	0.9972	0.39577	0.9894
n20_m10_S3_Middle_T_Median	0.39719	0.9815	0.39216	0.9817	0.29004	0.9964	0.39572	0.9893
n20_m10_S4_Uniform_T_Mean	0.43512	0.9891	0.38529	0.9699	0.29878	0.9967	0.42698	0.9939
n20_m10_S4_Uniform_T_Median	0.43422	0.9856	0.38445	0.9633	0.29846	0.9969	0.42633	0.9926
n20_m16_S1_End_T_Mean	0.31290	0.9239	0.29293	0.8851	0.25807	0.9844	0.31321	0.9379
n20_m16_S1_End_T_Median	0.31206	0.9204	0.29157	0.8703	0.25780	0.9836	0.31252	0.9369
n20_m16_S2_Begin_T_Mean	0.30169	0.9505	0.29433	0.9386	0.24868	0.9861	0.30231	0.9624
n20_m16_S2_Begin_T_Median	0.30179	0.9522	0.29429	0.9412	0.24889	0.9875	0.30243	0.9634
n20_m16_S3_Middle_T_Mean	0.30669	0.9546	0.30100	0.9461	0.25074	0.9861	0.30538	0.9652
n20_m16_S3_Middle_T_Median	0.30638	0.9507	0.30121	0.9396	0.25068	0.9863	0.30501	0.9598
n20_m16_S4_Uniform_T_Mean	0.30282	0.9558	0.29369	0.9398	0.24905	0.9870	0.30334	0.9660
n20_m16_S4_Uniform_T_Median	0.30258	0.9505	0.29357	0.9346	0.24888	0.9842	0.30311	0.9603
n30_m15_S1_End_T_Mean	0.35102	0.9174	0.29467	0.8468	0.27569	0.9868	0.34365	0.9295
n30_m15_S1_End_T_Median	0.35744	0.9189	0.29735	0.8502	0.27807	0.9862	0.34884	0.9328
n30_m15_S2_Begin_T_Mean	0.30583	0.9852	0.29669	0.9798	0.24685	0.9955	0.30952	0.9906
n30_m15_S2_Begin_T_Median	0.30534	0.9836	0.29592	0.9804	0.24661	0.9942	0.30913	0.9904
n30_m15_S3_Middle_T_Mean	0.31629	0.9840	0.30784	0.9814	0.25283	0.9948	0.31538	0.9902
n30_m15_S3_Middle_T_Median	0.31597	0.9829	0.30741	0.9793	0.25283	0.9934	0.31516	0.9885
n30_m15_S4_Uniform_T_Mean	0.34840	0.9923	0.31170	0.9776	0.26420	0.9968	0.34472	0.9950
n30_m15_S4_Uniform_T_Median	0.34852	0.9911	0.31134	0.9782	0.26429	0.9962	0.34487	0.9949
n30_m24_S1_End_T_Mean	0.25467	0.9297	0.23917	0.8879	0.22190	0.9729	0.25422	0.9398
n30_m24_S1_End_T_Median	0.25471	0.9283	0.23895	0.8776	0.22196	0.9722	0.25428	0.9370
n30_m24_S2_Begin_T_Mean	0.24560	0.9604	0.24049	0.9525	0.21378	0.9843	0.24515	0.9670
n30_m24_S2_Begin_T_Median	0.24536	0.9554	0.24018	0.9448	0.21363	0.9794	0.24486	0.9605
n30_m24_S3_Middle_T_Mean	0.24852	0.9580	0.24410	0.9491	0.21531	0.9798	0.24700	0.9627
n30_m24_S3_Middle_T_Median	0.24891	0.9613	0.24453	0.9541	0.21549	0.9815	0.24732	0.9679
n30_m24_S4_Uniform_T_Mean	0.24611	0.9579	0.23940	0.9478	0.21385	0.9807	0.24557	0.9656
n30_m24_S4_Uniform_T_Median	0.24628	0.9602	0.23973	0.9508	0.21399	0.9811	0.24569	0.9653
n50_m25_S1_End_T_Mean	0.27444	0.9294	0.22956	0.8429	0.23312	0.9757	0.27048	0.9366
n50_m25_S1_End_T_Median	0.27762	0.9331	0.23066	0.8503	0.23475	0.9770	0.27330	0.9405
n50_m25_S2_Begin_T_Mean	0.23416	0.9873	0.22866	0.9843	0.20362	0.9926	0.23496	0.9909
n50_m25_S2_Begin_T_Median	0.23400	0.9865	0.22853	0.9838	0.20347	0.9931	0.23480	0.9903
n50_m25_S3_Middle_T_Mean	0.24254	0.9870	0.23529	0.9837	0.20954	0.9923	0.24114	0.9894
n50_m25_S3_Middle_T_Median	0.24257	0.9858	0.23489	0.9821	0.20952	0.9915	0.24119	0.9883
n50_m25_S4_Uniform_T_Mean	0.26611	0.9943	0.24025	0.9843	0.22135	0.9956	0.26387	0.9956
n50_m25_S4_Uniform_T_Median	0.26607	0.9938	0.24026	0.9856	0.22131	0.9960	0.26392	0.9953
n50_m40_S1_End_T_Mean	0.19673	0.9361	0.18486	0.8866	0.17986	0.9596	0.19592	0.9400
n50_m40_S1_End_T_Median	0.19674	0.9396	0.18485	0.8962	0.17977	0.9639	0.19596	0.9422
n50_m40_S2_Begin_T_Mean	0.19008	0.9631	0.18714	0.9557	0.17355	0.9746	0.18912	0.9641
n50_m40_S2_Begin_T_Median	0.19002	0.9656	0.18712	0.9584	0.17351	0.9782	0.18905	0.9684
n50_m40_S3_Middle_T_Mean	0.19183	0.9605	0.18838	0.9545	0.17461	0.9741	0.19047	0.9632
n50_m40_S3_Middle_T_Median	0.19196	0.9649	0.18828	0.9570	0.17472	0.9766	0.19061	0.9668
n50_m40_S4_Uniform_T_Mean	0.19024	0.9628	0.18560	0.9527	0.17355	0.9745	0.18932	0.9644
n50_m40_S4_Uniform_T_Median	0.19014	0.9629	0.18585	0.9555	0.17341	0.9758	0.18918	0.9662
n100_m50_S1_End_T_Mean	0.19542	0.9414	0.16211	0.8349	0.17800	0.9643	0.19342	0.9444
n100_m50_S1_End_T_Median	0.19630	0.9367	0.16238	0.8305	0.17863	0.9618	0.19417	0.9411
n100_m50_S2_Begin_T_Mean	0.16443	0.9890	0.16162	0.9850	0.15198	0.9904	0.16392	0.9896
n100_m50_S2_Begin_T_Median	0.16432	0.9892	0.16165	0.9862	0.15197	0.9906	0.16370	0.9899
n100_m50_S3_Middle_T_Mean	0.17061	0.9903	0.16486	0.9864	0.15717	0.9925	0.16923	0.9914
n100_m50_S3_Middle_T_Median	0.17062	0.9903	0.16476	0.9830	0.15710	0.9923	0.16922	0.9900
n100_m50_S4_Uniform_T_Mean	0.18619	0.9956	0.16950	0.9899	0.16775	0.9963	0.18450	0.9961
n100_m50_S4_Uniform_T_Median	0.18601	0.9949	0.16941	0.9891	0.16768	0.9951	0.18429	0.9949
n100_m80_S1_End_T_Mean	0.13882	0.9429	0.13015	0.8907	0.13193	0.9541	0.13791	0.9446
n100_m80_S1_End_T_Median	0.13882	0.9426	0.13062	0.8956	0.13187	0.9551	0.13793	0.9440
n100_m80_S2_Begin_T_Mean	0.13420	0.9671	0.13299	0.9616	0.12729	0.9727	0.13319	0.9666
n100_m80_S2_Begin_T_Median	0.13425	0.9652	0.13249	0.9590	0.12741	0.9711	0.13318	0.9670
n100_m80_S3_Middle_T_Mean	0.13534	0.9668	0.13290	0.9583	0.12821	0.9716	0.13415	0.9662
n100_m80_S3_Middle_T_Median	0.13537	0.9671	0.13262	0.9595	0.12824	0.9718	0.13414	0.9660
n100_m80_S4_Uniform_T_Mean	0.13414	0.9675	0.13179	0.9611	0.12725	0.9722	0.13315	0.9680
n100_m80_S4_Uniform_T_Median	0.13419	0.9675	0.13156	0.9623	0.12732	0.9727	0.13317	0.9671

Table: Average Estimates, MSEs, and Biases for R = 0.5

Setup	MLE			MPS			Bayes(IP)			Bayes(NIP)		
	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias
n20_m10_S1_End_T_Mean	0.49646	0.01391	-0.00354	0.49625	0.01466	-0.00375	0.49826	0.00327	-0.00174	0.49664	0.01254	-0.00336
n20_m10_S1_End_T_Median	0.49798	0.01436	-0.00202	0.49823	0.01345	-0.00177	0.49908	0.00332	-0.00092	0.49803	0.01300	-0.00197
n20_m10_S2_Begin_T_Mean	0.50146	0.00558	0.00146	0.50148	0.00574	0.00148	0.50098	0.00239	0.00098	0.50138	0.00503	0.00138
n20_m10_S2_Begin_T_Median	0.50098	0.00569	0.00098	0.50086	0.00586	0.00086	0.50066	0.00245	0.00066	0.50091	0.00515	0.00091
n20_m10_S3_Middle_T_Mean	0.49924	0.00622	-0.00076	0.49926	0.00602	-0.00074	0.49952	0.00251	-0.00048	0.49922	0.00564	-0.00078
n20_m10_S3_Middle_T_Median	0.50000	0.00608	-0.00000	0.49995	0.00590	-0.00005	0.49997	0.00245	-0.00003	0.49997	0.00551	-0.00003
n20_m10_S4_Uniform_T_Mean	0.50024	0.00636	0.00024	0.49987	0.00708	-0.00013	0.50021	0.00256	0.00021	0.50018	0.00563	0.00018
n20_m10_S4_Uniform_T_Median	0.49999	0.00633	-0.00001	0.50027	0.00731	0.00027	0.50001	0.00255	0.00001	0.49997	0.00559	-0.00003
n20_m16_S1_End_T_Mean	0.49947	0.00737	-0.00053	0.49935	0.00793	-0.00065	0.49967	0.00307	-0.00033	0.49951	0.00692	-0.00049
n20_m16_S1_End_T_Median	0.49972	0.00751	-0.00028	0.49949	0.00862	-0.00051	0.49986	0.00306	-0.00014	0.49974	0.00704	-0.00026
n20_m16_S2_Begin_T_Mean	0.49956	0.00534	-0.00044	0.49929	0.00567	-0.00071	0.49967	0.00258	-0.00033	0.49958	0.00501	-0.00042
n20_m16_S2_Begin_T_Median	0.50023	0.00545	0.00023	0.50004	0.00578	0.00004	0.50019	0.00262	0.00019	0.50026	0.00512	0.00026
n20_m16_S3_Middle_T_Mean	0.50029	0.00544	0.00029	0.50020	0.00566	0.00020	0.50019	0.00263	0.00019	0.50029	0.00511	0.00029
n20_m16_S3_Middle_T_Median	0.50009	0.00550	0.00009	0.50006	0.00570	0.00006	0.50004	0.00265	0.00004	0.50005	0.00517	0.00005
n20_m16_S4_Uniform_T_Mean	0.50093	0.00550	0.00093	0.50073	0.00587	0.00073	0.50065	0.00268	0.00065	0.50088	0.00516	0.00088
n20_m16_S4_Uniform_T_Median	0.49976	0.00542	-0.00024	0.49989	0.00572	-0.00011	0.49985	0.00263	-0.00015	0.49973	0.00510	-0.00027
n30_m15_S1_End_T_Mean	0.50064	0.00959	0.00064	0.50009	0.01065	0.00009	0.50040	0.00334	0.00040	0.50060	0.00890	0.00060
n30_m15_S1_End_T_Median	0.50112	0.00934	0.00112	0.50096	0.00914	0.00096	0.50057	0.00323	0.00057	0.50107	0.00869	0.00107
n30_m15_S2_Begin_T_Mean	0.50029	0.00373	0.00029	0.50026	0.00378	0.00026	0.50019	0.00207	0.00019	0.50029	0.00349	0.00029
n30_m15_S2_Begin_T_Median	0.49980	0.00374	-0.00020	0.49949	0.00379	-0.00051	0.49986	0.00207	-0.00014	0.49976	0.00352	-0.00024
n30_m15_S3_Middle_T_Mean	0.50022	0.00390	0.00022	0.50043	0.00379	0.00043	0.50016	0.00209	0.00016	0.50014	0.00367	0.00014
n30_m15_S3_Middle_T_Median	0.50029	0.00395	0.00029	0.50042	0.00391	0.00042	0.50021	0.00212	0.00021	0.50030	0.00371	0.00030
n30_m15_S4_Uniform_T_Mean	0.50128	0.00397	0.00128	0.50137	0.00440	0.00137	0.50097	0.00214	0.00097	0.50124	0.00366	0.00124
n30_m15_S4_Uniform_T_Median	0.49933	0.00404	-0.00067	0.49952	0.00448	-0.00048	0.49947	0.00218	-0.00053	0.49939	0.00373	-0.00061
n30_m24_S1_End_T_Mean	0.49983	0.00478	-0.00017	0.50010	0.00546	0.00010	0.49988	0.00259	-0.00012	0.49984	0.00457	-0.00016
n30_m24_S1_End_T_Median	0.50070	0.00481	0.00070	0.50049	0.00567	0.00049	0.50055	0.00259	0.00055	0.50068	0.00460	0.00068
n30_m24_S2_Begin_T_Mean	0.49985	0.00360	-0.00015	0.49968	0.00379	-0.00032	0.49990	0.00217	-0.00010	0.49984	0.00345	-0.00016
n30_m24_S2_Begin_T_Median	0.49993	0.00352	-0.00007	0.49999	0.00365	-0.00001	0.49994	0.00213	-0.00006	0.49992	0.00337	-0.00008
n30_m24_S3_Middle_T_Mean	0.50073	0.00360	0.00073	0.50045	0.00375	0.00045	0.50054	0.00219	0.00054	0.50070	0.00346	0.00070
n30_m24_S3_Middle_T_Median	0.50054	0.00362	0.00054	0.50057	0.00375	0.00057	0.50039	0.00220	0.00039	0.50057	0.00347	0.00057
n30_m24_S4_Uniform_T_Mean	0.50007	0.00354	0.00007	0.49980	0.00370	-0.00020	0.50003	0.00215	0.00003	0.50008	0.00340	0.00008
n30_m24_S4_Uniform_T_Median	0.49925	0.00366	-0.00075	0.49921	0.00383	-0.00079	0.49944	0.00223	-0.00056	0.49929	0.00352	-0.00071
n50_m25_S1_End_T_Mean	0.50188	0.00555	0.00188	0.50191	0.00639	0.00191	0.50131	0.00278	0.00131	0.50182	0.00528	0.00182
n50_m25_S1_End_T_Median	0.49973	0.00552	-0.00027	0.49975	0.00573	-0.00025	0.49980	0.00276	-0.00020	0.49973	0.00527	-0.00027
n50_m25_S2_Begin_T_Mean	0.49981	0.00225	-0.00019	0.49994	0.00225	-0.00006	0.49982	0.00155	-0.00018	0.49982	0.00216	-0.00018
n50_m25_S2_Begin_T_Median	0.49951	0.00215	-0.00049	0.49959	0.00216	-0.00041	0.49960	0.00149	-0.00040	0.49952	0.00207	-0.00048
n50_m25_S3_Middle_T_Mean	0.49938	0.00232	-0.00062	0.49946	0.00228	-0.00054	0.49951	0.00157	-0.00049	0.49943	0.00226	-0.00057
n50_m25_S3_Middle_T_Median	0.50023	0.00241	0.00023	0.50027	0.00235	0.00027	0.50018	0.00163	0.00018	0.50022	0.00232	0.00022
n50_m25_S4_Uniform_T_Mean	0.50014	0.00222	0.00014	0.50004	0.00237	0.00004	0.50010	0.00152	0.00010	0.50016	0.00212	0.00016
n50_m25_S4_Uniform_T_Median	0.49974	0.00232	-0.00026	0.49972	0.00246	-0.00028	0.49978	0.00158	-0.00022	0.49976	0.00221	-0.00024
n50_m40_S1_End_T_Mean	0.49953	0.00291	-0.00047	0.49937	0.00339	-0.00063	0.49960	0.00199	-0.00040	0.49955	0.00283	-0.00045
n50_m40_S1_End_T_Median	0.49973	0.00290	-0.00027	0.49963	0.00339	-0.00037	0.49979	0.00198	-0.00021	0.49975	0.00282	-0.00025
n50_m40_S2_Begin_T_Mean	0.50001	0.00211	0.00001	0.50015	0.00216	0.00015	0.50000	0.00154	-0.00000	0.50003	0.00206	0.00003
n50_m40_S2_Begin_T_Median	0.49993	0.00216	-0.00007	0.49991	0.00222	-0.00009	0.49996	0.00158	-0.00004	0.49994	0.00211	-0.00006
n50_m40_S3_Middle_T_Mean	0.49996	0.00213	-0.00004	0.50005	0.00217	0.00005	0.49995	0.00157	-0.00005	0.49999	0.00208	-0.00001
n50_m40_S3_Middle_T_Median	0.50003	0.00212	0.00003	0.50005	0.00216	0.00005	0.50002	0.00156	0.00002	0.50005	0.00207	0.00005
n50_m40_S4_Uniform_T_Mean	0.50056	0.00219	0.00056	0.50043	0.00223	0.00043	0.50048	0.00161	0.00048	0.50056	0.00214	0.00056
n50_m40_S4_Uniform_T_Median	0.49948	0.00210	-0.00052	0.49956	0.00216	-0.00044	0.49956	0.00155	-0.00044	0.49951	0.00205	-0.00049
n100_m50_S1_End_T_Mean	0.49969	0.00276	-0.00031	0.49969	0.00334	-0.00031	0.49974	0.00191	-0.00026	0.49970	0.00269	-0.00030
n100_m50_S1_End_T_Median	0.49946	0.00284	-0.00054	0.49924	0.00306	-0.00076	0.49955	0.00196	-0.00045	0.49948	0.00277	-0.00052
n100_m50_S2_Begin_T_Mean	0.50016	0.00109	0.00016	0.50023	0.00108	0.00023	0.50016	0.00090	0.00016	0.50015	0.00107	0.00015
n100_m50_S2_Begin_T_Median	0.50027	0.00108	0.00027	0.50021	0.00108	0.00021	0.50024	0.00089	0.00024	0.50026	0.00106	0.00026
n100_m50_S3_Middle_T_Mean	0.49971	0.00119	-0.00029	0.49975	0.00116	-0.00025	0.49974	0.00097	-0.00026	0.49975	0.00119	-0.00025
n100_m50_S3_Middle_T_Median	0.49979	0.00120	-0.00021	0.49986	0.00117	-0.00014	0.49980	0.00098	-0.00020	0.49979	0.00118	-0.00021
n100_m50_S4_Uniform_T_Mean	0.50046	0.00108	0.00046	0.50045	0.00111	0.00045	0.50042	0.00089	0.00042	0.50040	0.00107	0.00040
n100_m50_S4_Uniform_T_Median	0.50024	0.00109	0.00024	0.50029	0.00112	0.00029	0.50022	0.00090	0.00022	0.50017	0.00109	0.00017
n100_m80_S1_End_T_Mean	0.49916	0.00139	-0.00084	0.49909	0.00162	-0.00091	0.49924	0.00114	-0.00076	0.49917	0.00137	-0.00083
n100_m80_S1_End_T_Median	0.49976	0.00141	-0.00024	0.49968	0.00163	-0.00032	0.49976	0.00116	-0.00024	0.49977	0.00139	-0.00023
n100_m80_S2_Begin_T_Mean	0.50072	0.00107	0.00072	0.50066	0.00108	0.00066	0.50065	0.00091	0.00065	0.50072	0.00106	0.00072
n100_m80_S2_Begin_T_Median	0.50010	0.00106	0.00010	0.50017	0.00107	0.00017	0.50009					

Table: Average Interval Widths and Coverage Probabilities for R = 0.5

Setup	MLE		MPS		Bayes(IP)		Bayes(NIP)	
	Width	Coverage	Width	Coverage	Width	Coverage	Width	Coverage
n20_m10_S1_End_T_Mean	0.43476	0.8974	0.36251	0.8231	0.31964	0.9938	0.42083	0.9212
n20_m10_S1_End_T_Median	0.44407	0.8963	0.36806	0.8454	0.32265	0.9945	0.42729	0.9177
n20_m10_S2_Begin_T_Mean	0.39794	0.9826	0.38352	0.9771	0.29515	0.9955	0.40401	0.9902
n20_m10_S2_Begin_T_Median	0.39768	0.9805	0.38314	0.9753	0.29497	0.9965	0.40374	0.9905
n20_m10_S3_Middle_T_Mean	0.41509	0.9803	0.41050	0.9797	0.30286	0.9975	0.41061	0.9887
n20_m10_S3_Middle_T_Median	0.41538	0.9822	0.41011	0.9818	0.30307	0.9974	0.41081	0.9911
n20_m10_S4_Uniform_T_Mean	0.45466	0.9859	0.40265	0.9658	0.31213	0.9971	0.44261	0.9933
n20_m10_S4_Uniform_T_Median	0.45488	0.9849	0.40256	0.9628	0.31221	0.9966	0.44281	0.9919
n20_m16_S1_End_T_Mean	0.32633	0.9197	0.30575	0.8815	0.26930	0.9831	0.32516	0.9355
n20_m16_S1_End_T_Median	0.32657	0.9157	0.30485	0.8681	0.26973	0.9818	0.32551	0.9325
n20_m16_S2_Begin_T_Mean	0.31620	0.9534	0.30813	0.9425	0.26041	0.9885	0.31546	0.9649
n20_m16_S2_Begin_T_Median	0.31609	0.9515	0.30949	0.9405	0.26035	0.9866	0.31525	0.9632
n20_m16_S3_Middle_T_Mean	0.32116	0.9546	0.31559	0.9459	0.26236	0.9875	0.31841	0.9640
n20_m16_S3_Middle_T_Median	0.32108	0.9563	0.31583	0.9472	0.26235	0.9876	0.31824	0.9646
n20_m16_S4_Uniform_T_Mean	0.31697	0.9521	0.30747	0.9362	0.26044	0.9845	0.31606	0.9610
n20_m16_S4_Uniform_T_Median	0.31708	0.9528	0.30756	0.9392	0.26061	0.9878	0.31609	0.9634
n30_m15_S1_End_T_Mean	0.36108	0.9077	0.29988	0.8227	0.28606	0.9844	0.35263	0.9250
n30_m15_S1_End_T_Median	0.36786	0.9174	0.30580	0.8543	0.28873	0.9879	0.35822	0.9303
n30_m15_S2_Begin_T_Mean	0.32043	0.9838	0.31069	0.9787	0.25823	0.9938	0.32282	0.9899
n30_m15_S2_Begin_T_Median	0.32041	0.9839	0.31069	0.9794	0.25818	0.9946	0.32273	0.9894
n30_m15_S3_Middle_T_Mean	0.33163	0.9849	0.32305	0.9842	0.26468	0.9947	0.32907	0.9889
n30_m15_S3_Middle_T_Median	0.33165	0.9844	0.32287	0.9798	0.26470	0.9931	0.32907	0.9885
n30_m15_S4_Uniform_T_Mean	0.36532	0.9906	0.32658	0.9763	0.27650	0.9961	0.35936	0.9945
n30_m15_S4_Uniform_T_Median	0.36513	0.9922	0.32644	0.9759	0.27649	0.9968	0.35920	0.9953
n30_m24_S1_End_T_Mean	0.26669	0.9344	0.24995	0.8908	0.23217	0.9744	0.26540	0.9432
n30_m24_S1_End_T_Median	0.26678	0.9277	0.24965	0.8789	0.23244	0.9750	0.26557	0.9387
n30_m24_S2_Begin_T_Mean	0.25774	0.9582	0.25235	0.9491	0.22411	0.9819	0.25647	0.9652
n30_m24_S2_Begin_T_Median	0.25795	0.9600	0.25275	0.9485	0.22420	0.9816	0.25660	0.9655
n30_m24_S3_Middle_T_Mean	0.26114	0.9580	0.25610	0.9489	0.22579	0.9793	0.25876	0.9632
n30_m24_S3_Middle_T_Median	0.26105	0.9629	0.25592	0.9534	0.22572	0.9823	0.25867	0.9680
n30_m24_S4_Uniform_T_Mean	0.25835	0.9607	0.25139	0.9512	0.22427	0.9821	0.25694	0.9660
n30_m24_S4_Uniform_T_Median	0.25815	0.9569	0.25122	0.9476	0.22412	0.9807	0.25676	0.9639
n50_m25_S1_End_T_Mean	0.28468	0.9289	0.23642	0.8288	0.24242	0.9747	0.27996	0.9379
n50_m25_S1_End_T_Median	0.28804	0.9331	0.23918	0.8543	0.24429	0.9766	0.28291	0.9385
n50_m25_S2_Begin_T_Mean	0.24586	0.9872	0.24029	0.9846	0.21349	0.9923	0.24602	0.9894
n50_m25_S2_Begin_T_Median	0.24601	0.9886	0.24034	0.9865	0.21354	0.9940	0.24612	0.9914
n50_m25_S3_Middle_T_Mean	0.25469	0.9893	0.24691	0.9864	0.21964	0.9944	0.25249	0.9911
n50_m25_S3_Middle_T_Median	0.25453	0.9856	0.24648	0.9812	0.21953	0.9912	0.25223	0.9877
n50_m25_S4_Uniform_T_Mean	0.27939	0.9954	0.25218	0.9867	0.23194	0.9966	0.27606	0.9966
n50_m25_S4_Uniform_T_Median	0.27928	0.9932	0.25212	0.9830	0.23196	0.9954	0.27588	0.9946
n50_m40_S1_End_T_Mean	0.20644	0.9328	0.19383	0.8881	0.18864	0.9599	0.20532	0.9366
n50_m40_S1_End_T_Median	0.20645	0.9341	0.19393	0.8877	0.18851	0.9597	0.20530	0.9380
n50_m40_S2_Begin_T_Mean	0.19966	0.9652	0.19646	0.9581	0.18209	0.9772	0.19831	0.9675
n50_m40_S2_Begin_T_Median	0.19961	0.9657	0.19677	0.9579	0.18206	0.9759	0.19820	0.9681
n50_m40_S3_Middle_T_Mean	0.20167	0.9659	0.19794	0.9579	0.18340	0.9773	0.19982	0.9672
n50_m40_S3_Middle_T_Median	0.20167	0.9645	0.19869	0.9575	0.18342	0.9751	0.19984	0.9660
n50_m40_S4_Uniform_T_Mean	0.19969	0.9603	0.19511	0.9510	0.18197	0.9740	0.19830	0.9625
n50_m40_S4_Uniform_T_Median	0.19980	0.9627	0.19500	0.9550	0.18204	0.9750	0.19847	0.9647
n100_m50_S1_End_T_Mean	0.20391	0.9403	0.16803	0.8233	0.18583	0.9640	0.20148	0.9433
n100_m50_S1_End_T_Median	0.20520	0.9372	0.16909	0.8448	0.18671	0.9584	0.20268	0.9397
n100_m50_S2_Begin_T_Mean	0.17285	0.9903	0.17015	0.9884	0.15964	0.9921	0.17203	0.9910
n100_m50_S2_Begin_T_Median	0.17285	0.9895	0.17028	0.9865	0.15960	0.9907	0.17198	0.9899
n100_m50_S3_Middle_T_Mean	0.17936	0.9895	0.17305	0.9837	0.16497	0.9906	0.17763	0.9894
n100_m50_S3_Middle_T_Median	0.17935	0.9884	0.17321	0.9819	0.16498	0.9901	0.17763	0.9881
n100_m50_S4_Uniform_T_Mean	0.19575	0.9956	0.17826	0.9907	0.17609	0.9962	0.19370	0.9955
n100_m50_S4_Uniform_T_Median	0.19572	0.9960	0.17821	0.9902	0.17611	0.9962	0.19365	0.9960
n100_m80_S1_End_T_Mean	0.14599	0.9469	0.13681	0.8978	0.13858	0.9584	0.14490	0.9476
n100_m80_S1_End_T_Median	0.14596	0.9444	0.13701	0.8976	0.13857	0.9552	0.14489	0.9455
n100_m80_S2_Begin_T_Mean	0.14118	0.9669	0.13960	0.9599	0.13391	0.9715	0.13999	0.9658
n100_m80_S2_Begin_T_Median	0.14116	0.9665	0.13937	0.9577	0.13388	0.9725	0.13997	0.9670
n100_m80_S3_Middle_T_Mean	0.14233	0.9696	0.13990	0.9591	0.13477	0.9734	0.14094	0.9695
n100_m80_S3_Middle_T_Median	0.14231	0.9685	0.13942	0.9577	0.13475	0.9739	0.14100	0.9671
n100_m80_S4_Uniform_T_Mean	0.14114	0.9691	0.13803	0.9623	0.13376	0.9744	0.13992	0.9699
n100_m80_S4_Uniform_T_Median	0.14111	0.9682	0.13815	0.9606	0.13379	0.9725	0.13987	0.9681

Table: Average Estimates, MSEs, and Biases for R = 0.7

Setup	MLE			MPS			Bayes(IP)			Bayes(NIP)		
	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias	Avg	MSE	Bias
n20_m10_S1_End_T_Mean	0.69192	0.00984	-0.00808	0.68631	0.01143	-0.01369	0.69316	0.00230	-0.00684	0.68351	0.00949	-0.01649
n20_m10_S1_End_T_Median	0.69263	0.00983	-0.00737	0.68006	0.01134	-0.01994	0.69328	0.00228	-0.00672	0.68433	0.00947	-0.01567
n20_m10_S2_Begin_T_Mean	0.69524	0.00404	-0.00476	0.68875	0.00380	-0.01126	0.69355	0.00178	-0.00645	0.68752	0.00403	-0.01248
n20_m10_S2_Begin_T_Median	0.69540	0.00382	-0.00460	0.69410	0.00377	-0.00590	0.69350	0.00169	-0.00650	0.68728	0.00382	-0.01272
n20_m10_S3_Middle_T_Mean	0.69538	0.00413	-0.00462	0.68252	0.00373	-0.01748	0.69339	0.00173	-0.00661	0.68679	0.00434	-0.01322
n20_m10_S3_Middle_T_Median	0.69435	0.00418	-0.00565	0.69172	0.00381	-0.00828	0.69283	0.00174	-0.00717	0.68566	0.00430	-0.01434
n20_m10_S4_Uniform_T_Mean	0.69067	0.00444	-0.00933	0.65720	0.00649	-0.04280	0.68959	0.00186	-0.01042	0.68231	0.00452	-0.01769
n20_m10_S4_Uniform_T_Median	0.69280	0.00423	-0.00720	0.67692	0.00488	-0.02308	0.69166	0.00177	-0.00834	0.68332	0.00427	-0.01668
n20_m16_S1_End_T_Mean	0.69463	0.00488	-0.00537	0.67497	0.00636	-0.02503	0.69469	0.00207	-0.00532	0.69052	0.00481	-0.00948
n20_m16_S1_End_T_Median	0.69082	0.00519	-0.00918	0.67437	0.00647	-0.02563	0.69255	0.00215	-0.00745	0.68657	0.00516	-0.01343
n20_m16_S2_Begin_T_Mean	0.69515	0.00370	-0.00485	0.68792	0.00373	-0.01208	0.69415	0.00183	-0.00585	0.69008	0.00376	-0.00992
n20_m16_S2_Begin_T_Median	0.69547	0.00377	-0.00453	0.69379	0.00393	-0.00621	0.69431	0.00186	-0.00569	0.69056	0.00377	-0.00944
n20_m16_S3_Middle_T_Mean	0.69515	0.00381	-0.00485	0.68670	0.00375	-0.01330	0.69408	0.00189	-0.00592	0.69010	0.00384	-0.00991
n20_m16_S3_Middle_T_Median	0.69600	0.00376	-0.00400	0.69424	0.00379	-0.00576	0.69469	0.00184	-0.00531	0.69068	0.00380	-0.00932
n20_m16_S4_Uniform_T_Mean	0.69621	0.00367	-0.00379	0.68925	0.00367	-0.01075	0.69491	0.00183	-0.00510	0.69118	0.00370	-0.00882
n20_m16_S4_Uniform_T_Median	0.69602	0.00372	-0.00398	0.69456	0.00383	-0.00544	0.69468	0.00185	-0.00532	0.69096	0.00375	-0.00904
n30_m15_S1_End_T_Mean	0.69386	0.00636	-0.00614	0.69094	0.00750	-0.00906	0.69378	0.00222	-0.00622	0.68787	0.00625	-0.01213
n30_m15_S1_End_T_Median	0.69607	0.00665	-0.00393	0.68802	0.00764	-0.01198	0.69515	0.00230	-0.00485	0.69016	0.00651	-0.00984
n30_m15_S2_Begin_T_Mean	0.69756	0.00250	-0.00244	0.69561	0.00237	-0.00440	0.69539	0.00142	-0.00461	0.69242	0.00250	-0.00758
n30_m15_S2_Begin_T_Median	0.69680	0.00238	-0.00320	0.69668	0.00240	-0.00332	0.69471	0.00136	-0.00529	0.69163	0.00238	-0.00837
n30_m15_S3_Middle_T_Mean	0.69707	0.00265	-0.00293	0.69400	0.00243	-0.00600	0.69489	0.00146	-0.00512	0.69163	0.00269	-0.00837
n30_m15_S3_Middle_T_Median	0.69745	0.00261	-0.00255	0.69723	0.00249	-0.00277	0.69514	0.00144	-0.00487	0.69208	0.00262	-0.00793
n30_m15_S4_Uniform_T_Mean	0.69557	0.00260	-0.00443	0.67883	0.00303	-0.02117	0.69335	0.00145	-0.00666	0.68941	0.00265	-0.01060
n30_m15_S4_Uniform_T_Median	0.69676	0.00261	-0.00324	0.69291	0.00272	-0.00709	0.69431	0.00145	-0.00569	0.69038	0.00262	-0.00962
n30_m24_S1_End_T_Mean	0.69535	0.00324	-0.00465	0.68177	0.00422	-0.01823	0.69494	0.00179	-0.00506	0.69241	0.00322	-0.00759
n30_m24_S1_End_T_Median	0.69456	0.00327	-0.00544	0.68350	0.00397	-0.01650	0.69435	0.00181	-0.00565	0.69148	0.00326	-0.00852
n30_m24_S2_Begin_T_Mean	0.69747	0.00239	-0.00253	0.69527	0.00237	-0.00473	0.69596	0.00147	-0.00404	0.69424	0.00238	-0.00577
n30_m24_S2_Begin_T_Median	0.69667	0.00240	-0.00333	0.69642	0.00248	-0.00358	0.69534	0.00148	-0.00466	0.69338	0.00240	-0.00662
n30_m24_S3_Middle_T_Mean	0.69696	0.00243	-0.00304	0.69425	0.00237	-0.00575	0.69551	0.00151	-0.00449	0.69356	0.00246	-0.00644
n30_m24_S3_Middle_T_Median	0.69775	0.00244	-0.00226	0.69752	0.00247	-0.00249	0.69616	0.00150	-0.00384	0.69443	0.00243	-0.00557
n30_m24_S4_Uniform_T_Mean	0.69684	0.00246	-0.00317	0.69462	0.00247	-0.00538	0.69553	0.00153	-0.00447	0.69357	0.00247	-0.00643
n30_m24_S4_Uniform_T_Median	0.69767	0.00237	-0.00233	0.69744	0.00246	-0.00256	0.69609	0.00147	-0.00391	0.69432	0.00238	-0.00568
n50_m25_S1_End_T_Mean	0.69635	0.00370	-0.00365	0.69500	0.00441	-0.00500	0.69529	0.00189	-0.00471	0.69252	0.00367	-0.00749
n50_m25_S1_End_T_Median	0.69594	0.00381	-0.00406	0.69049	0.00447	-0.00951	0.69491	0.00194	-0.00510	0.69220	0.00379	-0.00780
n50_m25_S2_Begin_T_Mean	0.69833	0.00153	-0.00167	0.69811	0.00152	-0.00190	0.69659	0.00108	-0.00341	0.69532	0.00153	-0.00468
n50_m25_S2_Begin_T_Median	0.69901	0.00143	-0.00099	0.69886	0.00143	-0.00114	0.69711	0.00101	-0.00289	0.69600	0.00143	-0.00400
n50_m25_S3_Middle_T_Mean	0.69867	0.00154	-0.00133	0.69817	0.00147	-0.00183	0.69672	0.00107	-0.00329	0.69549	0.00154	-0.00451
n50_m25_S3_Middle_T_Median	0.69783	0.00159	-0.00217	0.69789	0.00156	-0.00211	0.69602	0.00111	-0.00398	0.69459	0.00164	-0.00541
n50_m25_S4_Uniform_T_Mean	0.69788	0.00145	-0.00212	0.69418	0.00142	-0.00582	0.69576	0.00102	-0.00424	0.69409	0.00146	-0.00591
n50_m25_S4_Uniform_T_Median	0.69760	0.00149	-0.00240	0.69751	0.00156	-0.00249	0.69553	0.00104	-0.00447	0.69380	0.00151	-0.00620
n50_m40_S1_End_T_Mean	0.69756	0.00189	-0.00244	0.68858	0.00241	-0.01142	0.69664	0.00132	-0.00336	0.69566	0.00189	-0.00434
n50_m40_S1_End_T_Median	0.69736	0.00190	-0.00264	0.69091	0.00221	-0.00909	0.69646	0.00132	-0.00354	0.69542	0.00190	-0.00458
n50_m40_S2_Begin_T_Mean	0.69837	0.00142	-0.00163	0.69816	0.00143	-0.00184	0.69713	0.00105	-0.00287	0.69641	0.00142	-0.00359
n50_m40_S2_Begin_T_Median	0.69804	0.00143	-0.00196	0.69801	0.00146	-0.00199	0.69886	0.00106	-0.00314	0.69609	0.00143	-0.00391
n50_m40_S3_Middle_T_Mean	0.69828	0.00140	-0.00172	0.69797	0.00140	-0.00203	0.69703	0.00104	-0.00297	0.69631	0.00140	-0.00369
n50_m40_S3_Middle_T_Median	0.69836	0.00140	-0.00164	0.69832	0.00142	-0.00168	0.69710	0.00105	-0.00290	0.69640	0.00140	-0.00360
n50_m40_S4_Uniform_T_Mean	0.69812	0.00143	-0.00188	0.69779	0.00145	-0.00221	0.69692	0.00107	-0.00308	0.69618	0.00143	-0.00383
n50_m40_S4_Uniform_T_Median	0.69884	0.00144	-0.00116	0.69889	0.00147	-0.00112	0.69754	0.00108	-0.00246	0.69690	0.00144	-0.00310
n100_m50_S1_End_T_Mean	0.69844	0.00184	-0.00156	0.69836	0.00222	-0.00164	0.69727	0.00129	-0.00273	0.69645	0.00184	-0.00355
n100_m50_S1_End_T_Median	0.69866	0.00182	-0.00134	0.69600	0.00214	-0.00401	0.69742	0.00128	-0.00259	0.69667	0.00182	-0.00333
n100_m50_S2_Begin_T_Mean	0.69907	0.00071	-0.00093	0.69911	0.00071	-0.00090	0.69795	0.00059	-0.00206	0.69764	0.00072	-0.00236
n100_m50_S2_Begin_T_Median	0.69920	0.00072	-0.00080	0.69917	0.00071	-0.00084	0.69806	0.00060	-0.00194	0.69776	0.00073	-0.00224
n100_m50_S3_Middle_T_Mean	0.69922	0.00077	-0.00078	0.69931	0.00075	-0.00069	0.69801	0.00064	-0.00199	0.69764	0.00077	-0.00236
n100_m50_S3_Middle_T_Median	0.69931	0.00076	-0.00069	0.69941	0.00074	-0.00059	0.69808	0.00063	-0.00192	0.69773	0.00077	-0.00227
n100_m50_S4_Uniform_T_Mean	0.69914	0.00071	-0.00086	0.69907	0.00072	-0.00093	0.69774	0.00059	-0.00226	0.69726	0.00071	-0.00274
n100_m50_S4_Uniform_T_Median	0.69898	0.00071	-0.00102	0.69899	0.00073	-0.00101	0.69758	0.00060	-0.00243	0.69715	0.00073	-0.00286
n100_m80_S1_End_T_Mean	0.69917	0.00091	-0.00083	0.69450	0.00112	-0.00550	0.69842	0.00076	-0.00158	0.69818	0.00091	-0.00182
n100_m80_S1_End_T_Median	0.69855	0.00095	-0.00145	0.69509	0.00111	-0.00491	0.69785	0.00079	-0.00215	0.69757	0.00096	-0.00243
n100_m80_S2_Begin_T_Mean	0.69932	0.00069	-0.00068	0.69931	0.00070	-0.00070	0.69853	0.00059	-0.00147	0.69837	0.00069	-0.00163
n100_m80_S2_Begin_T_Median	0.69935	0.00070	-0.00065	0.69928	0.00071	-0.00072	0.69855					

Table: Average Interval Widths and Coverage Probabilities for R = 0.7

Setup	MLE		MPS		Bayes(IP)		Bayes(NIP)	
	Width	Coverage	Width	Coverage	Width	Coverage	Width	Coverage
n20_m10_S1_End_T_Mean	0.36205	0.9023	0.30556	0.8256	0.26448	0.9936	0.35963	0.9253
n20_m10_S1_End_T_Median	0.36523	0.9090	0.31053	0.8431	0.26549	0.9938	0.36189	0.9307
n20_m10_S2_Begin_T_Mean	0.32601	0.9776	0.31745	0.9867	0.24339	0.9952	0.33972	0.9877
n20_m10_S2_Begin_T_Median	0.32704	0.9824	0.31632	0.9824	0.24384	0.9959	0.34128	0.9921
n20_m10_S3_Middle_T_Mean	0.34061	0.9778	0.34331	0.9917	0.25004	0.9960	0.34636	0.9867
n20_m10_S3_Middle_T_Median	0.34220	0.9820	0.34007	0.9887	0.25078	0.9962	0.34837	0.9891
n20_m10_S4_Uniform_T_Mean	0.37314	0.9859	0.35066	0.9796	0.25837	0.9974	0.37340	0.9924
n20_m10_S4_Uniform_T_Median	0.37580	0.9885	0.34182	0.9839	0.25879	0.9981	0.37717	0.9937
n20_m16_S1_End_T_Mean	0.26434	0.9272	0.25942	0.9001	0.21906	0.9816	0.26714	0.9401
n20_m16_S1_End_T_Median	0.26818	0.9298	0.26036	0.9001	0.22110	0.9835	0.27100	0.9440
n20_m16_S2_Begin_T_Mean	0.25944	0.9567	0.25670	0.9639	0.21428	0.9875	0.26324	0.9672
n20_m16_S2_Begin_T_Median	0.25960	0.9523	0.25418	0.9471	0.21445	0.9871	0.26337	0.9637
n20_m16_S3_Middle_T_Mean	0.26347	0.9568	0.26271	0.9657	0.21603	0.9864	0.26571	0.9653
n20_m16_S3_Middle_T_Median	0.26338	0.9588	0.25954	0.9567	0.21596	0.9887	0.26592	0.9676
n20_m16_S4_Uniform_T_Mean	0.25965	0.9526	0.25544	0.9604	0.21412	0.9861	0.26335	0.9636
n20_m16_S4_Uniform_T_Median	0.26012	0.9534	0.25328	0.9481	0.21445	0.9855	0.26386	0.9636
n30_m15_S1_End_T_Mean	0.29920	0.9193	0.25163	0.8370	0.23629	0.9889	0.29793	0.9345
n30_m15_S1_End_T_Median	0.29958	0.9113	0.25273	0.8355	0.23642	0.9845	0.29806	0.9271
n30_m15_S2_Begin_T_Mean	0.26124	0.9845	0.25426	0.9871	0.21203	0.9945	0.26804	0.9905
n30_m15_S2_Begin_T_Median	0.26200	0.9877	0.25405	0.9831	0.21246	0.9960	0.26889	0.9936
n30_m15_S3_Middle_T_Mean	0.27071	0.9837	0.26480	0.9899	0.21768	0.9934	0.27385	0.9880
n30_m15_S3_Middle_T_Median	0.27064	0.9870	0.26328	0.9866	0.21759	0.9955	0.27366	0.9913
n30_m15_S4_Uniform_T_Mean	0.29832	0.9917	0.27535	0.9912	0.22775	0.9977	0.29980	0.9951
n30_m15_S4_Uniform_T_Median	0.29863	0.9901	0.26903	0.9862	0.22791	0.9966	0.30037	0.9942
n30_m24_S1_End_T_Mean	0.21591	0.9368	0.20946	0.8595	0.18888	0.9746	0.21720	0.9443
n30_m24_S1_End_T_Median	0.21732	0.9356	0.20891	0.9053	0.18964	0.9719	0.21857	0.9435
n30_m24_S2_Begin_T_Mean	0.21015	0.9627	0.20701	0.9626	0.18354	0.9828	0.21150	0.9690
n30_m24_S2_Begin_T_Median	0.21060	0.9634	0.20652	0.9549	0.18389	0.9835	0.21215	0.9693
n30_m24_S3_Middle_T_Mean	0.21304	0.9636	0.21026	0.9656	0.18516	0.9835	0.21360	0.9697
n30_m24_S3_Middle_T_Median	0.21279	0.9598	0.20902	0.9527	0.18497	0.9820	0.21344	0.9663
n30_m24_S4_Uniform_T_Mean	0.21083	0.9609	0.20614	0.9569	0.18385	0.9792	0.21212	0.9657
n30_m24_S4_Uniform_T_Median	0.21049	0.9604	0.20505	0.9527	0.18364	0.9825	0.21188	0.9670
n50_m25_S1_End_T_Mean	0.23330	0.9336	0.19407	0.8394	0.19906	0.9789	0.23244	0.9420
n50_m25_S1_End_T_Median	0.23468	0.9316	0.19681	0.8467	0.19998	0.9743	0.23372	0.9381
n50_m25_S2_Begin_T_Mean	0.19961	0.9850	0.19499	0.9839	0.17433	0.9906	0.20200	0.9887
n50_m25_S2_Begin_T_Median	0.19943	0.9878	0.19504	0.9844	0.17429	0.9939	0.20179	0.9921
n50_m25_S3_Middle_T_Mean	0.20665	0.9868	0.20033	0.9862	0.17948	0.9936	0.20718	0.9894
n50_m25_S3_Middle_T_Median	0.20703	0.9859	0.20071	0.9837	0.17968	0.9924	0.20767	0.9893
n50_m25_S4_Uniform_T_Mean	0.22708	0.9940	0.20648	0.9928	0.18995	0.9959	0.22751	0.9957
n50_m25_S4_Uniform_T_Median	0.22721	0.9936	0.20519	0.9884	0.19013	0.9958	0.22763	0.9952
n50_m40_S1_End_T_Mean	0.16672	0.9387	0.16054	0.8984	0.15293	0.9634	0.16687	0.9438
n50_m40_S1_End_T_Median	0.16726	0.9409	0.16030	0.9063	0.15333	0.9649	0.16744	0.9434
n50_m40_S2_Begin_T_Mean	0.16205	0.9644	0.15956	0.9588	0.14840	0.9749	0.16217	0.9666
n50_m40_S2_Begin_T_Median	0.16212	0.9652	0.15972	0.9593	0.14847	0.9766	0.16219	0.9681
n50_m40_S3_Middle_T_Mean	0.16375	0.9692	0.16084	0.9632	0.14950	0.9806	0.16349	0.9708
n50_m40_S3_Middle_T_Median	0.16373	0.9663	0.16094	0.9602	0.14955	0.9773	0.16345	0.9694
n50_m40_S4_Uniform_T_Mean	0.16219	0.9626	0.15860	0.9552	0.14840	0.9733	0.16218	0.9649
n50_m40_S4_Uniform_T_Median	0.16199	0.9617	0.15834	0.9530	0.14831	0.9756	0.16205	0.9658
n100_m50_S1_End_T_Mean	0.16565	0.9389	0.13680	0.8244	0.15150	0.9651	0.16487	0.9418
n100_m50_S1_End_T_Median	0.16612	0.9445	0.13829	0.8459	0.15182	0.9644	0.16532	0.9458
n100_m50_S2_Begin_T_Mean	0.13981	0.9896	0.13774	0.9871	0.12969	0.9927	0.13984	0.9908
n100_m50_S2_Begin_T_Median	0.13976	0.9881	0.13746	0.9841	0.12964	0.9900	0.13987	0.9895
n100_m50_S3_Middle_T_Mean	0.14507	0.9889	0.14018	0.9852	0.13408	0.9914	0.14449	0.9897
n100_m50_S3_Middle_T_Median	0.14503	0.9899	0.14025	0.9861	0.13404	0.9913	0.14448	0.9899
n100_m50_S4_Uniform_T_Mean	0.15830	0.9969	0.14420	0.9907	0.14317	0.9967	0.15774	0.9973
n100_m50_S4_Uniform_T_Median	0.15834	0.9958	0.14419	0.9897	0.14322	0.9964	0.15766	0.9963
n100_m80_S1_End_T_Mean	0.11761	0.9444	0.11245	0.8999	0.11201	0.9569	0.11716	0.9456
n100_m80_S1_End_T_Median	0.11790	0.9453	0.11155	0.9008	0.11225	0.9550	0.11744	0.9441
n100_m80_S2_Begin_T_Mean	0.11410	0.9685	0.11265	0.9621	0.10846	0.9730	0.11354	0.9670
n100_m80_S2_Begin_T_Median	0.11410	0.9672	0.11312	0.9608	0.10854	0.9727	0.11357	0.9677
n100_m80_S3_Middle_T_Mean	0.11507	0.9686	0.11300	0.9584	0.10925	0.9728	0.11433	0.9693
n100_m80_S3_Middle_T_Median	0.11508	0.9666	0.11323	0.9599	0.10929	0.9707	0.11440	0.9664
n100_m80_S4_Uniform_T_Mean	0.11408	0.9690	0.11170	0.9627	0.10845	0.9734	0.11348	0.9686
n100_m80_S4_Uniform_T_Median	0.11413	0.9694	0.11167	0.9626	0.10848	0.9755	0.11356	0.9703