

Omega	Tolerance	Obj. LR (UB)	Time LR	Gap LR	Improvement (LR to Naïve)
100	0.01	272.48112	192	1.18%	0.00%
100	0.05	288.03227	165	1.92%	0.00%
100	0.01	272.33364	28	0.00%	0.00%
100	0.05	285.27284	155	1.99%	0.00%
100	0.01	274.54436	114	0.00%	0.00%
100	0.05	286.56007	150	1.84%	0.00%
100	0.01	271.64407	195	1.47%	0.00%
100	0.05	286.56654	164	2.85%	0.00%
100	0.01	271.4066	179	1.09%	0.00%
100	0.05	285.36289	153	1.89%	0.00%
100	0.01	270.90457	197	0.36%	0.00%
100	0.05	282.97141	148	1.34%	0.00%
100	0.01	275.6473	55	0.00%	0.00%
100	0.05	287.3581	135	2.03%	0.00%
100	0.01	279.15539	162	0.92%	0.00%
100	0.05	291.08643	117	3.53%	0.00%
100	0.01	280.62141	154	0.33%	0.00%
100	0.05	292.86125	123	4.31%	0.00%
100	0.01	278.53877	101	0.00%	0.00%
100	0.05	290.46523	135	3.45%	0.00%
100	0.01	275.63919	154	0.63%	0.00%
100	0.05	287.96041	156	3.82%	0.00%
100	0.01	273.49889	25	0.00%	0.00%
100	0.05	285.30474	172	1.59%	0.00%
100	0.01	273.26863	58	0.00%	0.00%
100	0.05	288.54392	158	1.65%	0.00%
100	0.01	270.4738	172	0.64%	0.00%
100	0.05	284.66804	173	0.92%	0.00%
100	0.01	280.65384	23	0.00%	0.00%
100	0.05	292.51781	145	3.33%	0.00%
100	0.01	277.79477	26	0.00%	0.00%
100	0.05	289.54455	167	2.37%	0.00%
100	0.01	270.5052	115	0.61%	0.00%
100	0.05	283.37354	184	1.99%	0.00%
100	0.01	274.31596	179	0.03%	0.00%
100	0.05	286.46535	172	1.55%	0.00%
100	0.01	276.81259	134	0.80%	0.00%
100	0.05	288.80328	164	3.01%	0.00%
100	0.01	273.48134	166	1.05%	0.00%
100	0.05	287.74379	178	1.72%	0.00%
600	0.01	252.54939	3830	1.60%	76.58%
600	0.05	284.88413	4235	10.63%	44.66%
600	0.01	255.95522	4268	2.81%	54.88%
600	0.05	286.0783	4244	11.31%	23.83%
600	0.01	248.98641	3229	3.86%	48.18%

600	0.05	284.38423	4240	10.85%	36.09%
600	0.01	251.00465	3612	2.10%	79.47%
600	0.05	283.57775	4246	10.63%	39.80%
600	0.01	252.35564	3852	1.95%	77.42%
600	0.05	283.67522	4262	10.65%	31.34%
600	0.01	259.24068	4261	3.89%	44.44%
600	0.05	283.33461	4246	10.52%	23.19%
600	0.01	252.02311	3694	3.00%	57.10%
600	0.05	284.15868	4260	10.80%	30.63%
600	0.01	256.92337	2103	5.83%	-5.77%
600	0.05	283.75405	4247	10.35%	39.61%
600	0.01	255.83785	3532	4.89%	-0.53%
600	0.05	285.16067	4248	11.02%	28.74%
600	0.01	262.30665	4239	4.06%	24.46%
600	0.05	285.7397	4243	10.84%	13.08%
600	0.01	262.66582	4243	6.65%	15.77%
600	0.05	284.2003	4256	10.76%	26.84%
600	0.01	253.41009	3796	3.13%	42.48%
600	0.05	283.92816	4205	10.81%	25.33%
600	0.01	258.71161	4255	3.62%	49.49%
600	0.05	283.74409	4244	10.29%	28.00%
600	0.01	250.49786	4091	2.16%	68.42%
600	0.05	283.50043	4205	10.62%	34.38%
600	0.01	255.36799	3554	1.80%	72.88%
600	0.05	284.64542	4245	10.54%	23.63%
600	0.01	261.38236	4238	4.97%	33.35%
600	0.05	284.66629	4247	10.88%	20.41%
600	0.01	248.54321	4105	2.61%	80.66%
600	0.05	281.52025	4242	10.04%	50.25%
600	0.01	251.5233	3827	2.16%	75.17%
600	0.05	284.6366	4239	10.84%	31.56%
600	0.01	256.98592	4272	5.53%	21.88%
600	0.05	284.19438	4248	10.42%	32.02%
600	0.01	260.89221	2102	4.89%	46.87%
600	0.05	285.51435	4237	10.77%	31.10%
900	0.01	265.00171	4269	8.53%	29.41%
900	0.05	285.89361	4329	11.30%	35.73%
900	0.01	264.92573	4285	7.74%	-17.57%
900	0.05	285.47552	4308	11.20%	23.42%
900	0.01	264.95842	2103	7.03%	19.94%
900	0.05	286.52875	4293	11.52%	26.89%
900	0.01	266.64521	4274	7.34%	29.76%
900	0.05	285.75613	4344	10.99%	29.61%
900	0.01	264.11177	4251	9.91%	7.27%
900	0.05	286.11368	4314	11.31%	29.48%
900	0.01	267.17729	4346	8.61%	11.20%

900	0.05	287.12616	4316	11.24%	26.73%
900	0.01	263.65605	2105	7.17%	45.94%
900	0.05	285.15603	4290	11.15%	40.48%
900	0.01	264.98394	4270	9.65%	14.44%
900	0.05	286.6956	4282	11.51%	28.45%
900	0.01	264.83654	4295	7.53%	53.33%
900	0.05	286.261	4282	11.37%	46.22%
900	0.01	263.35106	4301	8.79%	37.50%
900	0.05	285.20519	4271	11.15%	42.56%
900	0.01	265.32757	4318	8.03%	24.77%
900	0.05	286.14733	4292	11.33%	47.18%
900	0.01	264.21117	4331	8.85%	-17.28%
900	0.05	285.95822	4271	11.29%	24.99%
900	0.01	266.63476	4286	8.56%	15.17%
900	0.05	286.18714	4286	11.08%	25.89%
900	0.01	266.41658	4448	7.50%	19.89%
900	0.05	287.34161	4300	11.39%	23.04%
900	0.01	262.46153	4319	8.65%	9.04%
900	0.05	285.32923	4309	11.20%	29.01%
900	0.01	266.6171	4360	8.16%	49.58%
900	0.05	286.06176	4291	11.02%	46.76%
900	0.01	262.7448	4291	6.23%	59.31%
900	0.05	285.70881	4344	11.32%	17.67%
900	0.01	263.71784	4298	7.32%	19.84%
900	0.05	286.11303	4297	10.97%	26.11%
900	0.01	266.41186	4373	8.59%	45.10%
900	0.05	286.66077	4341	11.56%	45.95%
900	0.01	263.08681	4310	7.25%	25.03%
900	0.05	285.575	4315	11.26%	29.38%
1500	0.01	266.77799	4392	11.78%	-13.56%
1500	0.05	287.33863	2472	11.78%	37.01%
1500	0.01	268.18397	2566	11.08%	12.52%
1500	0.05	287.91351	2501	11.51%	45.03%
1500	0.01	265.57438	2534	10.35%	8.87%
1500	0.05	287.04086	2561	11.67%	35.54%
1500	0.01	266.45694	2416	11.71%	-6.93%
1500	0.05	287.04755	2483	11.72%	29.99%
1500	0.01	266.05694	2491	11.20%	-3.45%
1500	0.05	286.17867	2508	11.45%	34.86%
1500	0.01	267.74504	4495	12.06%	-4.15%
1500	0.05	287.14912	4238	11.66%	88.34%
1500	0.01	267.9848	4384	11.88%	-5.09%
1500	0.05	287.73291	2449	11.44%	44.29%
1500	0.01	267.05506	4468	9.39%	-1.99%
1500	0.05	287.50828	2597	11.80%	24.73%
1500	0.01	267.985	4388	11.57%	-0.15%

1500	0.05	287.56356	2550	11.44%	38.98%
1500	0.01	268.4074	2412	10.49%	-8.98%
1500	0.05	287.32617	2572	11.76%	30.58%
1500	0.01	267.89209	2413	11.00%	-22.02%
1500	0.05	287.8069	4495	11.50%	37.54%
1500	0.01	267.44226	2432	8.07%	3.16%
1500	0.05	287.75344	2473	11.49%	27.89%
1500	0.01	267.64035	4472	10.90%	24.48%
1500	0.05	287.19642	2526	11.68%	88.32%
1500	0.01	268.05939	4477	12.11%	-20.71%
1500	0.05	288.0617	2535	11.55%	37.05%
1500	0.01	266.40326	4436	9.66%	-5.80%
1500	0.05	286.69333	2466	11.58%	29.58%
1500	0.01	268.69245	4498	9.26%	6.80%
1500	0.05	288.03694	2528	11.58%	29.85%
1500	0.01	267.77062	4500	9.64%	-3.54%
1500	0.05	286.87962	2440	11.63%	26.47%
1500	0.01	264.66477	4488	11.58%	2.24%
1500	0.05	286.48509	4484	11.54%	38.06%
1500	0.01	268.97543	2409	9.61%	-3.05%
1500	0.05	287.87865	2449	11.54%	27.98%
1500	0.01	267.82586	2409	11.59%	15.16%
1500	0.05	287.32729	2108	11.75%	41.97%