Appendix

Table A.1

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 4$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	2.40e-01	1.68e+02	4.80e+01	1 2 1 1
3	1	4.02e-01	1.12e+02	3.24e+01	1 2 2 1
4	1	4.80e-01	8.33e+01	2.32e+01	1 3 2 1
5	1	5.18e-01	6.64e+01	1.82e+01	1 4 3 1
7	1	5.41e-01	4.73e+01	1.29e+01	1 6 4 2
9	1	5.36e-01	3.67e+01	1.02e+01	1 7 5 3
10	1	5.30e-01	3.37e+01	9.86e+00	1 8 6 3
11	1	5.23e-01	2.97e+01	7.87e+00	1 9 6 3
16	1	4.80e-01	2.03e+01	5.30e+00	1 13 9 5
20	1	4.49e-01	1.65e+01	4.87e+00	1 16 11 6
21	1	4.41e-01	1.49e+01	3.12e+00	1 17 12 6
30	2	7.71e-01	9.49e+00	9.21e-01	1 24 17 9
37	2	7.05e-01	7.53e+00	6.63e-01	1 30 21 11
41	2	6.73e-01	6.63e+00	5.32e-01	1 33 23 12
57	2	5.74e-01	4.45e+00	2.63e-01	1 46 32 17
67	3	7.92e-01	3.43e+00	1.16e-01	1 54 38 20
71	3	7.68e-01	3.20e+00	9.31e-02	1 57 40 21
108	3	6.09e-01	1.94e+00	4.96e-02	1 87 61 32
124	3	5.62e-01	1.65e+00	4.44e-02	1 100 70 37
138	3	5.28e-01	1.46e+00	4.11e-02	1 111 78 41
195	4	5.70e-01	9.34e-01	1.42e-02	1 157 110 58
232	4	5.11e-01	7.43e-01	1.13e-02	1 187 131 69
262	4	4.73e-01	6.43e-01	1.08e-02	1 211 148 78
370	8	7.56e-01	3.93e-01	1.97e-03	1 298 209 110
427	8	6.87e-01	3.11e-01	1.33e-03	1 344 241 127
457	8	6.57e-01	2.72e-01	1.00e-03	1 368 258 136
689	11	6.82e-01	1.79e-01	5.58e-04	1 555 389 205
797	11	6.16e-01	1.57e-01	4.74e-04	1 642 450 237
827	12	6.55e-01	1.36e-01	3.28e-04	1 666 467 246
1254	12	4.87e-01	8.41e-02	1.83e-04	1 1010 708 373
1486	16	5.74e-01	6.94e-02	9.93e-05	1 1197 839 442
2313	16	4.15e-01	3.90e-02	5.21e-05	1 1863 1306 688
2740	16	3.66e-01	3.21e-02	4.54e-05	1 2207 1547 815
4364	16	2.58e-01	2.29e-02	4.11e-05	1 3515 2464 1298
5053	16	2.30e-01	1.92e-02	3.96e-05	1 4070 2853 1503
5850	16	2.06e-01	1.91e-02	3.97e-05	1 4712 3303 1740
8163	16	1.59e-01	1.25e-02	3.12e-05	1 6575 4609 2428
9417	16	1.42e-01	1.19e-02	3.11e-05	1 7585 5317 2801
10214	32	2.67e-01	6.27e-03	2.57e-06	1 8227 5767 3038
15267	32	1.95e-01	4.16e-03	2.07e-06	1 12297 8620 4541
17580	32	1.74e-01	3.49e-03	1.96e-06	1 14160 9926 5229
19631	48	2.39e-01	2.53e-03	4.55e-07	1 15812 11084 5839
27794	64	2.41e-01	1.38e-03	1.45e-07	1 22387 15693 8267
32847	64	2.11e-01	1.24e-03	1.40e-07	1 26457 18546 9770

Table A.1 (continued)

N	ρ	z_s	P_2	P_4	**g**
37211	80	2.38e-01	8.60e-04	5.57e-08	1 29972 21010 11068
52478	112	2.52e-01	6.32e-04	2.08e-08	1 42269 29630 15609
60641	128	2.56e-01	4.77e-04	1.35e-08	1 48844 34239 18037
70058	144	2.56e-01	2.87e-04	5.63e-09	1 56429 39556 20838
97852	170	2.29e-01	2.38e-04	4.14e-09	1 78816 55249 29105
130699	260	2.76e-01	1.26e-04	9.73e-10	1 105273 73795 38875
183177	384	3.08e-01	5.48e-05	1.37e-10	1 147542 103425 54484
243818	512	3.23e-01	3.84e-05	6.31e-11	1 196386 137664 72521
281029	592	3.32e-01	3.08e-05	3.06e-11	1 226358 158674 83589
394148	832	3.50e-01	1.53e-05	7.97e-12	1 317471 222543 117235
454789	960	3.58e-01	1.44e-05	6.56e-12	1 366315 256782 135272
524847	1104	3.65e-01	1.16e-05	3.95e-12	1 422744 296338 156110
735818	1144	2.84e-01	7.59e-06	2.14e-12	1 592673 415456 218861
918995	1936	3.97e-01	3.64e-06	4.71e-13	1 740215 518881 273345
1373784	2058	2.99e-01	2.08e-06	1.13e-12	1 1106530 775663 408617
1654813	2058	2.55e-01	1.78e-06	1.75e-14	1 1332888 934337 492206
1898631	2058	2.27e-01	1.41e-06	4.95e-13	1 1529274 1072001 564727

Table A.2

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 5$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	1.67e-01	7.23e+02	1.54e+02	1 2 1 1 0
3	1	4.42e-01	4.83e+02	1.05e+02	1 2 2 2 1
4	1	6.66e-01	3.62e+02	7.86e+01	1 3 3 2 1
5	1	8.34e-01	2.90e+02	6.28e+01	1 4 3 3 1
6	1	9.59e-01	2.40e+02	5.07e+01	1 5 4 3 2
9	1	1.18e+00	1.60e+02	3.43e+01	1 7 6 4 3
10	1	1.22e+00	1.44e+02	3.12e+01	1 8 6 5 3
11	1	1.25e+00	1.31e+02	2.85e+01	1 9 7 5 3
14	1	1.31e+00	1.03e+02	2.14e+01	1 11 9 6 4
20	1	1.34e+00	7.14e+01	1.41e+01	1 16 13 9 6
24	1	1.34e+00	5.94e+01	1.15e+01	1 19 15 11 7
25	1	1.33e+00	5.69e+01	1.11e+01	1 20 16 12 7
30	1	1.31e+00	4.76e+01	1.03e+01	1 24 19 14 9
34	1	1.29e+00	4.31e+01	9.91e+00	1 27 22 16 10
45	1	1.23e+00	3.19e+01	7.37e+00	1 36 29 21 13
49	1	1.20e+00	2.88e+01	5.58e+00	1 39 31 23 14
55	1	1.17e+00	2.57e+01	5.26e+00	1 44 35 26 16
58	1	1.15e+00	2.37e+01	3.51e+00	1 46 37 27 17
75	1	1.07e+00	1.82e+01	3.03e+00	1 60 48 35 22
94	2	2.00e+00	1.39e+01	1.10e+00	1 75 60 44 27
113	2	1.87e+00	1.12e+01	7.37e-01	1 90 72 53 33
124	2	1.81e+00	1.03e+01	7.14e-01	1 99 79 58 36
130	2	1.77e+00	9.72e+00	6.85e-01	1 104 83 61 3
152	2	1.67e+00	7.87e+00	3.42e-01	1 121 97 71 44
224	2	1.42e+00	5.30e+00	2.57e-01	1 179 143 105 65
282	3	1.91e+00	3.98e+00	1.12e-01	1 225 180 132 82
337	3	1.76e+00	3.24e+00	8.83e-02	1 269 215 158 98
376	3	1.66e+00	3.02e+00	8.94e-02	1 300 240 176 109
461	3	1.50e+00	2.34e+00	7.04e-02	1 368 294 216 134
489	3	1.46e+00	2.04e+00	4.51e-02	1 390 312 229 142
771	6	2.29e+00	1.13e+00	9.64e-03	1 615 492 361 224
950	6	2.04e+00	9.22e-01	8.29e-03	1 758 606 445 276
1243	6	1.75e+00	7.11e-01	6.40e-03	1 992 793 582 361
1608	6	1.50e+00	5.22e-01	4.01e-03	1 1283 1026 753 467
1732	6	1.44e+00	4.82e-01	3.87e-03	1 1382 1105 811 503
1787	7	1.64e+00	4.39e-01	2.47e-03	1 1426 1140 837 519
2193	8	1.66e+00	3.46e-01	1.53e-03	1 1750 1399 1027 637
2851	8	1.41e+00	2.54e-01	1.18e-03	1 2275 1819 1335 828
3395	10	1.58e+00	1.98e-01	6.51e-04	1 2709 2166 1590 986
3519	10	1.55e+00	1.95e-01	6.55e-04	1 2808 2245 1648 1022
3925	10	1.44e+00	1.71e-01	5.63e-04	1 3132 2504 1838 1140
5044	10	1.23e+00	1.35e-01	5.13e-04	1 4025 3218 2362 1465
6246	10	1.07e+00	1.09e-01	4.47e-04	1 4984 3985 2925 1814
7320	10	9.63e-01	9.24e-02	4.18e-04	1 5841 4670 3428 2126
8563	10	8.67e-01	8.21e-02	4.15e-04	1 6833 5463 4010 2487
9765	10	7.94e-01	7.50e-02	4.09e-04	1 7792 6230 4573 2836
14809	10	5.98e-01	5.96e-02	4.03e-04	1 11817 9448 6935 4301

Table A.2 (continued)

N	ρ	z_s	P_2	P_4	**g**
15883	20	1.14e+00	2.64e-02	2.63e-05	1 12674 10133 7438 4613
26054	20	8.07e-01	1.54e-02	1.54e-05	1 20790 16622 12201 7567
30692	20	7.19e-01	1.38e-02	1.53e-05	1 24491 19581 14373 8914
44382	30	8.28e-01	8.03e-03	3.50e-06	1 35415 28315 20784 12890
52821	30	7.30e-01	6.53e-03	2.98e-06	1 42149 33699 24736 15341
54553	30	7.14e-01	6.06e-03	2.87e-06	1 43531 34804 25547 15844
66511	40	8.24e-01	4.60e-03	1.12e-06	1 53073 42433 31147 19317
103573	60	8.92e-01	2.73e-03	3.51e-07	1 82647 66078 48503 30081
107374	60	8.69e-01	2.70e-03	3.42e-07	1 85680 68503 50283 31185
121064	64	8.48e-01	2.52e-03	2.72e-07	1 96604 77237 56694 35161
173885	64	6.47e-01	2.06e-03	2.23e-07	1 138753 110936 81430 50502
224637	99	8.25e-01	1.01e-03	5.13e-08	1 179251 143315 105197 65242
332011	99	6.13e-01	7.24e-04	3.83e-08	1 264931 211818 155480 96427
510534	99	4.40e-01	6.60e-04	3.48e-08	1 407385 325713 239082 148276
524224	99	4.31e-01	6.50e-04	3.49e-08	1 418309 334447 245493 152252
565087	99	4.07e-01	5.78e-04	3.59e-08	1 450916 360517 264629 164120
631598	99	3.73e-01	5.06e-04	2.65e-08	1 503989 402950 295776 183437
842545	99	2.98e-01	3.66e-04	2.21e-08	1 672316 537531 394562 244703
1089311	99	2.44e-01	2.98e-04	2.12e-08	1 869225 694964 510122 316372
1474143	99	1.92e-01	2.69e-04	2.10e-08	1 1176305 940481 690338 428140
1877303	99	1.59e-01	2.45e-04	2.09e-08	1 1498010 1197691 879137 545231

Table A.3

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 6$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	1.15e-01	3.10e+03	4.90e+02	1 2 2 1 1 0
3	1	4.86e-01	2.08e+03	3.34e+02	1 3 2 2 1 1
4	1	9.23e-01	1.55e+03	2.45e+02	1 4 3 2 2 1
5	1	1.34e+00	1.25e+03	1.99e+02	1 4 3 3 2 1
7	1	2.05e+00	8.89e+02	1.43e+02	1 6 5 4 3 2
8	1	2.34e+00	7.76e+02	1.22e+02	1 7 6 4 3 2
9	1	2.59e+00	6.92e+02	1.11e+02	1 8 6 4 4 2
10	1	2.81e+00	6.20e+02	9.77e+01	1 8 7 5 4 2
13	1	3.33e+00	4.78e+02	7.68e+01	1 11 9 7 5 3
15	1	3.59e+00	4.15e+02	6.63e+01	1 13 10 8 6 4
16	1	3.69e+00	3.87e+02	6.12e+01	1 14 11 8 7 4
17	1	3.79e+00	3.66e+02	5.96e+01	1 15 12 8 7 4
18	1	3.88e+00	3.45e+02	5.51e+01	1 15 12 9 7 4
25	1	4.29e+00	2.48e+02	3.91e+01	1 21 17 13 10 6
29	1	4.43e+00	2.14e+02	3.50e+01	1 25 20 15 12 7
30	1	4.46e+00	2.07e+02	3.44e+01	1 26 21 15 12 7
32	1	4.51e+00	1.98e+02	3.27e+01	1 28 22 16 13 8
34	1	4.55e+00	1.83e+02	2.97e+01	1 29 23 17 14 8
50	1	4.68e+00	1.23e+02	1.77e+01	1 43 34 25 20 12
55	1	4.69e+00	1.12e+02	1.70e+01	1 47 38 28 22 13
57	1	4.69e+00	1.08e+02	1.68e+01	1 49 39 29 23 14
63	1	4.68e+00	9.85e+01	1.62e+01	1 54 43 32 26 15
64	1	4.67e+00	9.57e+01	1.42e+01	1 55 44 32 26 15
79	1	4.61e+00	7.78e+01	1.15e+01	1 68 54 40 32 19
105	1	4.47e+00	5.82e+01	8.44e+00	1 90 72 53 42 25
118	1	4.39e+00	5.27e+01	9.76e+00	1 101 81 60 48 28
121	1	4.37e+00	5.07e+01	8.04e+00	1 104 83 61 49 29
162	1	4.14e+00	3.77e+01	5.59e+00	1 139 111 82 65 39
168	1	4.10e+00	3.73e+01	7.25e+00	1 144 115 85 68 40
197	1	3.95e+00	3.12e+01	5.20e+00	1 169 135 100 80 47
226	1	3.82e+00	2.76e+01	5.09e+00	1 194 155 114 91 54
280	2	7.20e+00	2.00e+01	1.06e+00	1 240 192 142 113 67
305	1	3.51e+00	1.97e+01	2.87e+00	1 262 209 154 123 73
318	1	3.47e+00	1.90e+01	2.81e+00	1 273 218 161 129 76
401	2	6.44e+00	1.40e+01	7.45e-01	1 344 275 203 162 96
423	2	6.32e+00	1.33e+01	7.34e-01	1 363 290 214 171 101
473	2	6.08e+00	1.20e+01	7.66e-01	1 406 324 239 191 113
585	2	5.63e+00	9.17e+00	4.00e-01	1 502 401 296 236 140
753	2	5.11e+00	6.91e+00	2.41e-01	1 646 516 381 304 180
791	2	5.01e+00	6.87e+00	3.48e-01	1 679 542 400 320 189
874	2	4.82e+00	5.92e+00	2.19e-01	1 750 599 442 353 209
903	2	4.75e+00	5.73e+00	2.12e-01	1 775 619 457 365 216
1192	2	4.22e+00	4.25e+00	1.68e-01	1 1023 817 603 482 285
1297	2	4.07e+00	3.90e+00	1.59e-01	1 1113 889 656 524 310
1326	2	4.03e+00	3.79e+00	1.58e-01	1 1138 909 671 536 317
1544	2	3.76e+00	3.29e+00	1.52e-01	1 1325 1058 781 624 369
1945	2	3.38e+00	2.67e+00	1.45e-01	1 1669 1333 984 786 465
2066	2	3.29e+00	2.54e+00	1.45e-01	1 1773 1416 1045 835 494
2447	2	3.03e+00	2.26e+00	1.44e-01	1 2100 1677 1238 989 585

Table A.3 (continued)

N	ρ	z_s	P_2	P_4	**g**
2623	2	2.93e+00	2.22e+00	1.45e-01	1 2251 1798 1327 1060 627
2870	2	2.80e+00	2.04e+00	1.43e-01	1 2463 1967 1452 1160 686
3744	4	4.90e+00	1.29e+00	2.29e-02	1 3213 2566 1894 1513 895
4011	4	4.73e+00	1.22e+00	2.27e-02	1 3442 2749 2029 1621 959
4689	4	4.36e+00	1.06e+00	2.17e-02	1 4024 3214 2372 1895 1121
5070	4	4.18e+00	9.42e-01	1.43e-02	1 4351 3475 2565 2049 1212
6634	5	4.52e+00	7.01e-01	7.66e-03	1 5693 4547 3356 2681 1586
6881	5	4.43e+00	6.87e-01	7.67e-03	1 5905 4716 3481 2781 1645
7559	5	4.21e+00	6.32e-01	7.48e-03	1 6487 5181 3824 3055 1807
8814	5	3.86e+00	5.17e-01	5.80e-03	1 7564 6041 4459 3562 2107
9081	5	3.80e+00	5.15e-01	5.85e-03	1 7793 6224 4594 3670 2171
11303	6	4.03e+00	3.73e-01	2.46e-03	1 9700 7747 5718 4568 2702
13515	10	6.06e+00	2.85e-01	8.10e-04	1 11598 9263 6837 5462 3231
15448	6	3.36e+00	2.58e-01	1.97e-03	1 13257 10588 7815 6243 3693
20384	6	2.85e+00	2.08e-01	1.81e-03	1 17493 13971 10312 8238 4873
22329	12	5.40e+00	1.51e-01	3.03e-04	1 19162 15304 11296 9024 5338
23521	12	5.24e+00	1.49e-01	3.38e-04	1 20185 16121 11899 9506 5623
24818	12	5.07e+00	1.37e-01	2.71e-04	1 21298 17010 12555 10030 5933
29888	12	4.53e+00	1.10e-01	2.29e-04	1 25649 20485 15120 12079 7145
38969	16	5.13e+00	7.46e-02	8.81e-05	1 33442 26709 19714 15749 9316
45850	13	3.76e+00	6.99e-02	1.23e-04	1 39347 31425 23195 18530 10961
54706	16	4.14e+00	4.70e-02	4.61e-05	1 46947 37495 27675 22109 13078
97419	16	2.86e+00	3.23e-02	4.98e-05	1 83602 66770 49283 39371 23289
100556	16	2.80e+00	2.62e-02	3.51e-05	1 86294 68920 50870 40639 24039
120940	16	2.48e+00	2.20e-02	3.34e-05	1 103787 82891 61182 48877 28912
136388	16	2.29e+00	2.08e-02	3.33e-05	1 117044 93479 68997 55120 32605

Table A.3 (continued)

N	ρ	z_s	P_2	P_4	**g**
152350	16	2.13e+00	1.85e-02	3.25e-05	1 130742 104419 77072 61571 36421
163653	16	2.03e+00	1.73e-02	3.22e-05	1 140442 112166 82790 66139 39123
236944	16	1.58e+00	1.27e-02	3.07e-05	1 203338 162399 119867 95759 56644
249769	16	1.53e+00	1.23e-02	3.07e-05	1 214344 171189 126355 100942 59710
273290	32	2.88e+00	6.19e-03	2.06e-06	1 234529 187310 138254 110448 65333
350325	32	2.43e+00	4.70e-03	1.96e-06	1 300638 240109 177225 141581 83749
370709	32	2.33e+00	4.64e-03	1.97e-06	1 318131 254080 187537 149819 88622
389294	32	2.26e+00	4.40e-03	1.97e-06	1 334080 266818 196939 157330 93065
436943	48	3.13e+00	3.13e-03	4.28e-07	1 374971 299476 221044 176587 104456
510234	48	2.81e+00	2.78e-03	4.24e-07	1 437867 349709 258121 206207 121977
552947	48	2.65e+00	2.48e-03	4.03e-07	1 474522 378984 279729 223469 132188
787268	80	3.45e+00	1.42e-03	6.75e-08	1 675609 539585 398269 318168 188205
826237	80	3.34e+00	1.40e-03	6.83e-08	1 709051 566294 417983 333917 197521
860559	80	3.24e+00	1.24e-03	6.34e-08	1 738505 589818 435346 347788 205726
1196946	112	3.59e+00	8.70e-04	2.69e-08	1 1027182 820374 605520 483736 286143
1340215	120	3.55e+00	7.44e-04	2.08e-08	1 1150131 918569 677998 541637 320393
1413506	120	3.41e+00	6.95e-04	1.92e-08	1 1213027 968802 715075 571257 337914
1668211	160	4.04e+00	5.15e-04	8.05e-09	1 1431607 1143374 843927 674194 398804
1686796	160	4.01e+00	4.36e-04	4.56e-09	1 1447556 1156112 853329 681705 403247

Table A.4

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 7$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	8.00e-02	1.33e+04	1.55e+03	1 2 2 1 1 0 0
3	1	5.33e-01	8.91e+03	1.06e+03	1 2 2 2 2 1 1
4	1	1.28e+00	6.69e+03	8.00e+02	1 4 3 2 2 1 1
5	1	2.16e+00	5.35e+03	6.35e+02	1 4 4 3 3 2 1
7	1	3.99e+00	3.82e+03	4.53e+02	1 6 5 4 4 2 1
8	1	4.86e+00	3.33e+03	3.87e+02	1 7 6 5 4 2 2
9	1	5.69e+00	2.97e+03	3.52e+02	1 8 7 5 5 3 2
12	1	7.90e+00	2.22e+03	2.58e+02	1 10 9 7 6 4 2
14	1	9.14e+00	1.91e+03	2.26e+02	1 12 11 8 7 5 3
15	1	9.71e+00	1.78e+03	2.10e+02	1 13 11 9 8 5 3
17	1	1.07e+01	1.57e+03	1.86e+02	1 15 12 10 8 6 4
20	1	1.21e+01	1.33e+03	1.56e+02	1 17 15 12 10 6 4
29	1	1.49e+01	9.20e+02	1.05e+02	1 25 21 17 15 10 6
31	1	1.54e+01	8.61e+02	1.02e+02	1 27 23 18 15 11 7
34	1	1.60e+01	7.87e+02	9.74e+01	1 29 25 20 17 11 7
37	1	1.66e+01	7.22e+02	8.48e+01	1 32 27 22 18 12 8
46	1	1.79e+01	5.78e+0 2	6.73e+01	1 40 34 27 23 16 10
58	1	1.90e+01	4.58e+02	5.16e+01	1 50 42 34 29 19 12
60	1	1.92e+01	4.44e+02	5.23e+01	1 52 44 35 30 20 13
65	1	1.95e+01	4.11e+02	4.90e+01	1 56 48 38 32 21 14
80	1	2.02e+01	3.32e+02	3.67e+01	1 69 59 47 40 27 17
83	1	2.03e+01	3.21e+02	3.74e+01	1 72 61 49 41 28 18
117	1	2.09e+01	2.26e+02	2.44e+01	1 101 86 69 58 39 25
118	1	2.09e+01	2.24e+02	2.29e+01	1 102 86 69 58 39 25
140	1	2.10e+01	1.89e+02	2.10e+01	1 121 103 82 69 47 30
141	1	2.11e+01	1.86e+02	1.75e+01	1 122 103 83 70 47 30
148	1	2.11e+01	1.80e+02	2.06e+01	1 128 109 87 73 49 32
178	1	2.10e+01	1.51e+02	1.60e+01	1 154 130 104 88 59 38
201	1	2.09e+01	1.31e+02	1.31e+01	1 174 147 118 100 67 43
206	1	2.08e+01	1.27e+02	1.28e+01	1 178 151 121 102 68 44
235	1	2.06e+01	1.12e+02	1.21e+01	1 203 172 138 116 78 50
295	1	2.02e+01	9.06e+01	1.12e+01	1 255 216 173 146 98 63
326	1	1.99e+01	8.25e+01	1.08e+01	1 282 239 191 161 108 70
341	1	1.98e+01	7.99e+01	1.09e+01	1 295 250 200 169 114 73
346	1	1.97e+01	7.89e+01	1.08e+01	1 299 254 203 171 115 74
349	1	1.97e+01	7.71e+01	1.06e+01	1 302 256 205 173 116 75
547	1	1.82e+01	5.20e+01	8.10e+00	1 473 401 321 271 182 117
576	1	1.80e+01	5.16e+01	8.20e+00	1 498 422 338 285 192 123
584	1	1.80e+01	4.81e+01	7.97e+00	1 505 428 343 289 194 125
641	1	1.76e+01	4.48e+01	6.11e+00	1 554 470 376 317 213 137
675	1	1.74e+01	4.39e+01	9.42e+00	1 584 495 396 334 224 145
893	1	1.62e+01	3.22e+01	3.66e+00	1 772 655 524 442 297 191
970	1	1.59e+01	3.00e+01	5.33e+00	1 839 711 569 480 322 208
1225	1	1.48e+01	2.31e+01	2.94e+00	1 1059 898 719 606 407 262
1486	1	1.40e+01	2.01e+01	3.04e+00	1 1285 1089 872 735 494 318
1517	1	1.39e+01	1.88e+01	2.70e+00	1 1312 1112 890 751 504 325

Table A.4 (continued)

N	ρ	z_s	P_2	P_4	**g**
1611	2	2.73e+01	1.68e+01	9.18e-01	1 1393 1181 945 797 535 345
1795	2	2.63e+01	1.60e+01	9.41e-01	1 1552 1316 1053 888 597 384
2379	2	2.39e+01	1.14e+01	5.62e-01	1 2057 1744 1396 1177 791 509
2476	2	2.35e+01	1.08e+01	4.71e-01	1 2141 1815 1453 1225 823 530
2742	2	2.27e+01	9.49e+00	3.33e-01	1 2371 2010 1609 1357 911 587
3003	2	2.19e+01	9.00e+00	4.37e-01	1 2597 2201 1762 1486 998 643
3406	2	2.09e+01	7.96e+00	3.18e-01	1 2945 2497 1998 1685 1132 729
4537	3	2.80e+01	5.65e+00	1.39e-01	1 3923 3326 2662 2245 1508 971
5121	3	2.66e+01	5.08e+00	1.34e-01	1 4428 3754 3005 2534 1702 1096
5241	3	2.64e+01	4.81e+00	1.17e-01	1 4532 3842 3075 2593 1742 1122
6409	3	2.42e+01	3.77e+00	7.82e-02	1 5542 4698 3760 3171 2130 1372
7983	3	2.20e+01	3.00e+00	6.97e-02	1 6903 5852 4684 3950 2653 1709
8885	3	2.10e+01	2.77e+00	6.73e-02	1 7683 6513 5213 4396 2953 1902
10946	3	1.91e+01	2.30e+00	6.47e-02	1 9465 8024 6422 5416 3638 2343
11530	3	1.86e+01	2.23e+00	6.49e-02	1 9970 8452 6765 5705 3832 2468
16244	3	1.58e+01	1.80e+00	7.00e-02	1 14046 11908 9531 8037 5399 3477
18986	3	1.47e+01	1.62e+00	6.32e-02	1 16417 13918 11140 9394 6310 4064
21308	3	1.38e+01	1.37e+00	6.00e-02	1 18425 15620 12502 10543 7082 4561
24227	3	1.30e+01	1.35e+00	6.04e-02	1 20949 17760 14215 11987 8052 5186
25129	3	1.27e+01	1.25e+00	5.94e-02	1 21729 18421 14744 12433 8352 5379
27871	3	1.21e+01	1.19e+00	5.93e-02	1 24100 20431 16353 13790 9263 5966
29932	3	1.17e+01	1.15e+00	5.95e-02	1 25882 21942 17562 14810 9948 6407
35173	3	1.07e+01	1.07e+00	5.94e-02	1 30414 25784 20637 17403 11690 7529
35757	3	1.06e+01	1.03e+00	5.89e-02	1 30919 26212 20980 17692 11884 7654
37649	3	1.03e+01	1.02e+00	5.91e-02	1 32555 27599 22090 18628 12513 8059
46437	3	9.26e+00	7.81e-01	3.58e-02	1 40154 34041 27246 22976 15434 9940

Table A.4 (continued)

N	ρ	z_s	P_2	P_4	**g**
49179	3	8.98e+00	7.27e-01	3.55e-02	1 42525 36051 28855 24333 16345 10527
55061	3	8.45e+00	6.40e-01	2.85e-02	1 47611 40363 32306 27243 18300 11786
70930	3	7.35e+00	5.51e-01	2.82e-02	1 61333 51996 41617 35095 23574 15183
76369	3	7.06e+00	5.09e-01	2.66e-02	1 66036 55983 44808 37786 25382 16347
82194	6	1.35e+01	3.26e-01	3.75e-03	1 71073 60253 48226 40668 27318 17594
104240	6	1.19e+01	2.48e-01	2.69e-03	1 90136 76414 61161 51576 34645 22313
114018	6	1.13e+01	2.43e-01	2.70e-03	1 98591 83582 66898 56414 37895 24406
122001	6	1.08e+01	2.25e-01	2.69e-03	1 105494 89434 71582 60364 40548 26115
125991	6	1.06e+01	2.20e-01	2.60e-03	1 108944 92359 73923 62338 41874 26969
147299	6	9.72e+00	1.92e-01	2.51e-03	1 127369 107979 86425 72881 48956 31530
166546	7	1.06e+01	1.45e-01	1.23e-03	1 144012 122088 97718 82404 55353 35650
208185	7	9.26e+00	1.16e-01	9.88e-04	1 180017 152612 122149 103006 69192 44563
226241	7	8.82e+00	1.03e-01	9.50e-04	1 195630 165848 132743 111940 75193 48428
240009	12	1.46e+01	7.73e-02	1.95e-04	1 207535 175941 140821 118752 79769 51375
251539	12	1.42e+01	6.78e-02	1.63e-04	1 217505 184393 147586 124457 83601 53843
406555	14	1.24e+01	3.95e-02	6.64e-05	1 351547 298029 238539 201156 135122 87025
434426	14	1.19e+01	3.49e-02	6.12e-05	1 375647 318460 254892 214946 144385 92991
466250	21	1.71e+01	2.93e-02	1.95e-05	1 403165 341789 273564 230692 154962 99803
487558	21	1.66e+01	2.70e-02	1.89e-05	1 421590 357409 286066 241235 162044 104364
685965	28	1.79e+01	1.88e-02	6.50e-06	1 593152 502853 402478 339403 227986 146834
748271	21	1.27e+01	1.73e-02	1.26e-05	1 647028 548527 439035 370231 248694 160171
921984	35	1.86e+01	1.26e-02	3.31e-06	1 797237 675869 540958 456181 306429 197355
988280	35	1.77e+01	1.24e-02	3.25e-06	1 854563 724468 579856 488983 328463 211546
1173523	40	1.82e+01	9.18e-03	1.98e-06	1 1014742 860262 688544 580638 390030 251198
1214521	40	1.78e+01	9.17e-03	1.94e-06	1 1050193 890316 712599 600923 403656 259974
1235829	42	1.85e+01	8.24e-03	1.52e-06	1 1068618 905936 725101 611466 410738 264535

Table A.4 (continued)

N	ρ	z_s	P_2	P_4	**g**
1580078	48	1.80e+01	6.84e-03	9.32e-07	1 1366289 1158291 927083 781794 525152 338223
1642384	48	1.75e+01	5.98e-03	8.96e-07	1 1420165 1203965 963640 812622 545860 351560
1695553	48	1.72e+01	5.85e-03	8.46e-07	1 1466140 1242941 994836 838929 563531 362941

Table A.5

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 8$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	5.55e-02	5.72e+04	4.92e+03	1 2 2 2 1 1 0 0
3	1	5.86e-01	3.82e+04	3.35e+03	1 3 2 2 2 1 1 1
4	1	1.77e+00	2.86e+04	2.45e+03	1 4 3 2 2 2 1 0
5	1	3.48e+00	2.29e+04	2.01e+03	1 4 4 3 2 2 1 1
7	1	7.76e+00	1.64e+04	1.44e+03	1 6 5 4 4 3 2 1
9	1	1.25e+01	1.27e+04	1.12e+03	1 8 7 6 5 4 3 1
12	1	1.96e+01	9.56e+03	8.36e+02	1 11 9 8 6 5 3 2
16	1	2.84e+01	7.17e+03	6.26e+02	1 15 12 10 8 7 5 3
21	1	3.79e+01	5.46e+03	4.77e+02	1 19 16 13 11 9 6 4
28	1	4.89e+01	4.09e+03	3.56e+02	1 25 21 18 15 12 8 5
33	1	5.54e+01	3.47e+03	3.03e+02	1 30 25 21 17 14 10 5
37	1	5.99e+01	3.10e+03	2.69e+02	1 34 28 24 19 16 11 6
49	1	7.09e+01	2.34e+03	2.04e+02	1 44 37 31 26 21 15 9
53	1	7.39e+01	2.16e+03	1.87e+02	1 48 40 34 27 23 16 9
58	1	7.73e+01	1.98e+03	1.71e+02	1 53 44 37 30 25 17 10
61	1	7.91e+01	1.88e+03	1.63e+02	1 55 46 39 32 26 18 10
65	1	8.14e+01	1.76e+03	1.52e+02	1 59 49 41 34 28 20 11
82	1	8.93e+01	1.40e+03	1.21e+02	1 74 62 52 43 35 25 14
86	1	9.08e+01	1.33e+03	1.16e+02	1 77 65 55 45 37 26 15
102	1	9.60e+01	1.12e+03	9.80e+01	1 92 77 65 53 44 31 17
114	1	9.90e+01	1.01e+03	8.83e+01	1 103 86 73 59 49 34 19
118	1	9.99e+01	9.72e+02	8.56e+01	1 107 89 75 61 51 35 20
123	1	1.01e+02	9.32e+02	8.11e+01	1 112 93 78 64 53 37 21
144	1	1.05e+02	7.95e+02	6.85e+01	1 130 109 92 75 62 43 25
151	1	1.06e+02	7.58e+02	6.52e+01	1 136 114 96 79 65 45 26
184	1	1.09e+02	6.16e+02	4.43e+01	1 167 139 117 96 79 55 31
196	1	1.10e+02	5.84e+02	4.86e+01	1 177 148 125 102 84 59 33
200	1	1.11e+02	5.73e+02	4.81e+01	1 181 151 127 104 86 60 34
220	1	1.12e+02	5.21e+02	4.58e+01	1 199 166 140 114 95 66 37
237	1	1.13e+02	4.81e+02	3.76e+01	1 215 179 151 123 102 71 40
246	1	1.13e+02	4.76e+02	4.26e+01	1 222 186 157 128 106 74 42
328	1	1.15e+02	3.47e+02	2.58e+01	1 297 248 209 171 141 98 56
335	1	1.15e+02	3.41e+02	2.70e+01	1 303 253 213 175 144 100 57
388	1	1.16e+02	2.92e+02	2.00e+01	1 351 293 247 202 167 116 66
466	1	1.15e+02	2.43e+02	1.64e+01	1 421 352 297 242 201 140 79
483	1	1.15e+02	2.35e+02	1.74e+01	1 437 365 308 251 208 145 82
524	1	1.15e+02	2.16e+02	1.66e+01	1 474 396 334 273 225 157 89
531	1	1.15e+02	2.13e+02	1.34e+01	1 480 401 338 277 228 159 90
555	1	1.15e+02	2.04e+02	1.46e+01	1 502 419 353 289 239 166 94
683	1	1.13e+02	1.65e+02	9.75e+00	1 618 516 435 355 294 205 116
724	1	1.13e+02	1.56e+02	1.09e+01	1 655 547 461 377 311 217 123
794	2	2.23e+02	1.39e+02	5.09e+00	1 718 600 506 413 342 238 135
997	2	2.17e+02	1.11e+02	3.78e+00	1 901 753 635 519 429 299 169
1071	2	2.15e+02	1.03e+02	3.67e+00	1 969 809 682 557 461 321 182

Table A.5 (continued)

N	ρ	z_s	P_2	P_4	**g**
1238	2	2.11e+02	8.95e+01	3.43e+00	1 1120 935 788 644 533 371 210
1385	2	2.07e+02	7.89e+01	2.54e+00	1 1252 1046 882 721 596 415 235
1518	2	2.04e+02	7.15e+01	2.32e+00	1 1373 1147 967 790 653 455 258
1721	2	1.99e+02	6.27e+01	1.77e+00	1 1556 1300 1096 896 740 516 292
1873	2	1.95e+02	5.76e+01	1.79e+00	1 1694 1415 1193 975 806 561 318
2150	2	1.90e+02	5.06e+01	1.62e+00	1 1945 1624 1369 1119 925 644 365
2252	2	1.88e+02	4.83e+01	1.58e+00	1 2037 1701 1434 1172 969 675 382
2792	2	1.79e+02	3.83e+01	1.06e+00	1 2525 2109 1778 1453 1201 837 474
2903	2	1.77e+02	3.66e+01	1.00e+00	1 2625 2193 1849 1511 1249 870 493
2959	2	1.76e+02	3.63e+01	1.08e+00	1 2676 2235 1884 1540 1273 887 502
3164	2	1.73e+02	3.39e+01	9.11e-01	1 2862 2390 2015 1647 1361 948 537
3535	2	1.68e+02	3.04e+01	9.69e-01	1 3197 2670 2251 1840 1521 1059 600
4125	2	1.61e+02	2.57e+01	7.32e-01	1 3731 3116 2627 2147 1775 1236 700
4477	2	1.58e+02	2.37e+01	6.20e-01	1 4049 3382 2851 2330 1926 1342 760
4832	2	1.54e+02	2.18e+01	5.76e-01	1 4370 3650 3077 2515 2079 1448 820
5155	2	1.51e+02	2.03e+01	5.39e-01	1 4662 3894 3283 2683 2218 1545 875
5956	2	1.45e+02	1.75e+01	3.99e-01	1 5387 4499 3793 3100 2562 1785 1011
6067	2	1.44e+02	1.71e+01	3.87e-01	1 5487 4583 3864 3158 2610 1818 1030
6327	2	1.42e+02	1.65e+01	3.94e-01	1 5722 4779 4029 3293 2722 1896 1074
8012	2	1.32e+02	1.33e+01	3.68e-01	1 7246 6052 5102 4170 3447 2401 1360
10081	2	1.22e+02	1.04e+01	2.34e-01	1 9118 7615 6420 5247 4337 3021 1711
10899	2	1.18e+02	9.72e+00	3.24e-01	1 9857 8233 6941 5673 4689 3266 1850
11111	2	1.18e+02	9.55e+00	2.17e-01	1 10049 8393 7076 5783 4780 3330 1886
12394	2	1.13e+02	8.38e+00	2.01e-01	1 11209 9362 7893 6451 5332 3714 2104
15236	4	2.10e+02	7.00e+00	8.83e-02	1 13780 11509 9703 7930 6555 4566 2586
15943	2	1.03e+02	6.88e+00	1.93e-01	1 14419 12043 10153 8298 6859 4778 2706

Table A.5 (continued)

N	ρ	z_s	P_2	P_4	**g**
16408	4	2.04e+02	6.27e+00	6.68e-02	1 14840 12394 10449 8540 7059 4917 2785
19123	2	9.60e+01	5.63e+00	1.69e-01	1 17295 14445 12178 9953 8227 5731 3246
20996	2	9.26e+01	5.13e+00	1.71e-01	1 18989 15860 13371 10928 9033 6292 3564
27307	4	1.66e+02	3.84e+00	4.96e-02	1 24697 20627 17390 14213 11748 8183 4635
29008	2	8.11e+01	3.76e+00	1.51e-01	1 26235 21912 18473 15098 12480 8693 4924
34359	4	1.51e+02	3.01e+00	3.29e-02	1 31075 25954 21881 17883 14782 10297 5832
42749	4	1.38e+02	2.40e+00	2.39e-02	1 38663 32292 27224 22250 18392 12811 7256
43250	4	1.37e+02	2.36e+00	2.41e-02	1 39116 32670 27543 22511 18607 12961 7341
43921	4	1.36e+02	2.28e+00	2.19e-02	1 39723 33177 27970 22860 18896 13162 7455
46430	4	1.33e+02	2.11e+00	2.16e-02	1 41992 35072 29568 24166 19975 13914 7881
55355	4	1.23e+02	1.85e+00	2.45e-02	1 50064 41814 35252 28811 23815 16589 9396
63367	4	1.15e+02	1.61e+00	1.83e-02	1 57310 47866 40354 32981 27262 18990 10756
87700	5	1.24e+02	1.15e+00	9.73e-03	1 79317 66247 55850 45646 37731 26282 14886
106617	4	9.03e+01	1.01e+00	1.40e-02	1 96426 80536 67897 55492 45869 31951 18097
120272	6	1.28e+02	7.78e-01	4.71e-03	1 108776 90851 76593 62599 51744 36043 20415
128284	6	1.24e+02	7.69e-01	4.75e-03	1 116022 96903 81695 66769 55191 38444 21775
130950	5	1.02e+02	7.45e-01	6.21e-03	1 118433 98917 83393 68157 56338 39243 22227
144227	5	9.74e+01	7.25e-01	6.21e-03	1 130441 108946 91848 75067 62050 43222 24481
178051	5	8.77e+01	6.27e-01	6.02e-03	1 161032 134496 113388 92672 76602 53358 30222
217463	6	9.51e+01	4.75e-01	2.62e-03	1 196677 164267 138487 113185 93558 65169 36912
226889	6	9.30e+01	4.22e-01	2.33e-03	1 205202 171387 144490 118091 97613 67994 38512
351593	6	7.40e+01	3.17e-01	2.18e-03	1 317986 265586 223905 182997 151264 105365 59679
361019	6	7.30e+01	2.87e-01	1.99e-03	1 326511 272706 229908 187903 155319 108190 61279
361690	6	7.29e+01	2.82e-01	1.87e-03	1 327118 273213 230335 188252 155608 108391 61393

Table A.5 (continued)

N	ρ	z_s	P_2	P_4	**g**
395449	6	6.95e+01	2.79e-01	2.08e-03	1 357650 298714 251834 205823 170132 118508 67123
404940	6	6.86e+01	2.77e-01	2.03e-03	1 366234 305883 257878 210763 174215 121352 68734
620253	6	5.45e+01	1.71e-01	1.69e-03	1 560966 468526 394996 322829 266848 185877 105281
722709	6	5.01e+01	1.47e-01	1.58e-03	1 653629 545919 460243 376155 310927 216581 122672
800389	6	4.73e+01	1.43e-01	1.61e-03	1 723884 604597 509712 416586 344347 239860 135857
897580	6	4.43e+01	1.34e-01	1.60e-03	1 811785 678013 571606 467172 386161 268986 152354
971846	6	4.24e+01	1.28e-01	1.63e-03	1 878952 734112 618901 505826 418112 291242 164960
1074302	6	4.01e+01	1.12e-01	1.56e-03	1 971615 811505 684148 559152 462191 321946 182351
1258599	6	3.66e+01	1.03e-01	1.56e-03	1 1138296 950719 801514 655075 541480 377176 213633
1284427	6	3.62e+01	1.00e-01	1.56e-03	1 1161655 970229 817962 668518 552592 384916 218017
1738476	6	3.04e+01	9.74e-02	1.62e-03	1 1572304 1313208 1107114 904841 747935 520985 295087
1754419	6	3.02e+01	9.02e-02	1.56e-03	1 1586723 1325251 1117267 913139 754794 525763 297793
1869426	6	2.91e+01	8.98e-02	1.55e-03	1 1690737 1412125 1190507 972998 804273 560228 317314

Table A.6

BestP_2 Rules Derived from Approximations to $\mathbf{v} = [1, 1, \cdots] \in \mathbb{R}^s$: $s = 9$

N	ρ	z_s	P_2	P_4	$\mathbf{g}$
2	1	3.84e-02	2.46e+05	1.59e+04	1 2 2 1 1 1 1 0 0
3	1	6.44e-01	1.64e+05	1.06e+04	1 3 2 2 2 1 1 1 0
4	1	2.46e+00	1.23e+05	8.01e+03	1 4 3 3 2 2 2 1 0
5	1	5.59e+00	9.84e+04	6.36e+03	1 5 4 3 3 2 2 2 1
7	1	1.51e+01	7.03e+04	4.55e+03	1 7 5 5 4 4 3 2 1
8	1	2.10e+01	6.13e+04	3.89e+03	1 7 6 6 4 4 3 2 2
10	1	3.43e+01	4.92e+04	3.20e+03	1 9 8 6 6 5 4 3 2
12	1	4.88e+01	4.10e+04	2.65e+03	1 11 9 8 6 6 5 3 2
13	1	5.62e+01	3.78e+04	2.45e+03	1 11 10 9 7 6 5 4 2
15	1	7.12e+01	3.28e+04	2.12e+03	1 14 11 10 9 7 6 4 2
16	1	7.87e+01	3.08e+04	2.00e+03	1 14 12 11 9 8 6 4 3
17	1	8.62e+01	2.89e+04	1.87e+03	1 16 13 11 10 8 7 5 3
18	1	9.36e+01	2.73e+04	1.78e+03	1 16 14 12 9 8 7 5 4
20	1	1.08e+02	2.46e+04	1.60e+03	1 18 15 14 11 10 8 6 3
22	1	1.23e+02	2.24e+04	1.44e+03	1 20 17 14 12 11 9 7 4
25	1	1.43e+02	1.97e+04	1.27e+03	1 22 19 17 13 12 10 7 4
28	1	1.63e+02	1.76e+04	1.14e+03	1 25 21 19 16 13 11 8 4
33	1	1.94e+02	1.49e+04	9.63e+02	1 30 25 22 19 16 13 9 6
35	1	2.05e+02	1.41e+04	9.10e+02	1 32 27 23 19 16 14 10 7
38	1	2.22e+02	1.29e+04	8.34e+02	1 34 29 25 21 19 15 11 7
42	1	2.43e+02	1.17e+04	7.59e+02	1 38 32 28 23 21 17 12 7
50	1	2.80e+02	9.81e+03	6.20e+02	1 45 38 33 28 24 20 14 8
55	1	3.02e+02	8.94e+03	5.74e+02	1 50 42 37 30 26 22 16 10
58	1	3.14e+02	8.45e+03	5.36e+02	1 52 44 39 32 28 23 16 10
60	1	3.21e+02	8.17e+03	5.20e+02	1 54 46 40 32 28 24 17 11
71	1	3.60e+02	6.93e+03	4.44e+02	1 64 54 47 39 34 28 20 13
83	1	3.96e+02	5.93e+03	3.81e+02	1 75 63 55 46 39 33 24 14
93	1	4.23e+02	5.29e+03	3.44e+02	1 84 71 62 51 44 37 26 17
97	1	4.32e+02	5.07e+03	3.33e+02	1 88 74 65 53 47 39 28 17
105	1	4.50e+02	4.66e+03	2.88e+02	1 95 80 70 58 50 42 30 18
110	1	4.61e+02	4.47e+03	2.90e+02	1 99 84 73 60 52 44 32 19
121	1	4.82e+02	4.07e+03	2.64e+02	1 109 92 80 67 58 48 35 21
125	1	4.89e+02	3.93e+03	2.52e+02	1 113 95 83 69 60 50 36 21
143	1	5.19e+02	3.44e+03	2.22e+02	1 129 109 95 79 68 57 40 25
155	1	5.35e+02	3.17e+03	2.06e+02	1 140 118 104 85 75 62 44 27
168	1	5.52e+02	2.91e+03	1.76e+02	1 152 128 112 92 81 67 48 30
196	1	5.82e+02	2.50e+03	1.56e+02	1 177 149 130 108 94 78 56 34
218	1	6.02e+02	2.26e+03	1.44e+02	1 197 166 145 120 104 87 62 38
265	1	6.35e+02	1.86e+03	1.22e+02	1 239 202 177 145 127 106 76 46
276	1	6.42e+02	1.78e+03	1.14e+02	1 249 210 184 152 133 110 79 48
289	1	6.49e+02	1.70e+03	1.04e+02	1 261 220 192 159 139 115 83 51

Table A.6 (continued)

N	ρ	z_s	P_2	P_4	**g**
311	1	6.60e+02	1.58e+03	9.21e+01	1 281 237 207 171 149 124 88 55
370	1	6.83e+02	1.33e+03	8.94e+01	1 334 282 247 203 177 148 106 64
394	1	6.91e+02	1.25e+03	8.21e+01	1 356 300 262 217 189 157 113 69
408	1	6.95e+02	1.20e+03	7.51e+01	1 368 311 272 224 195 163 116 71
457	1	7.07e+02	1.07e+03	6.43e+01	1 412 348 304 251 219 182 131 80
479	1	7.12e+02	1.02e+03	6.14e+01	1 432 365 319 263 229 191 136 84
494	1	7.15e+02	9.96e+02	6.61e+01	1 446 376 329 272 237 197 141 86
566	1	7.26e+02	8.68e+02	5.54e+01	1 511 431 377 311 271 226 162 98
604	1	7.31e+02	8.12e+02	5.11e+01	1 545 460 402 332 289 241 172 105
675	1	7.38e+02	7.25e+02	4.52e+01	1 609 514 449 371 323 269 193 118
681	1	7.38e+02	7.13e+02	3.90e+01	1 615 519 454 374 326 272 194 119
873	1	7.48e+02	5.61e+02	3.51e+01	1 788 665 581 480 418 348 249 153
936	1	7.50e+02	5.25e+02	3.58e+01	1 844 713 623 514 448 373 267 164
1075	1	7.51e+02	4.52e+02	2.52e+01	1 971 819 716 591 515 429 307 188
1175	1	7.51e+02	4.13e+02	2.20e+01	1 1061 895 783 646 563 469 335 205
1359	1	7.49e+02	3.60e+02	2.40e+01	1 1226 1035 905 747 651 542 388 237
1430	1	7.47e+02	3.41e+02	2.18e+01	1 1290 1089 952 786 685 570 408 250
1439	1	7.47e+02	3.37e+02	1.94e+01	1 1299 1096 958 791 689 574 411 251
1502	1	7.46e+02	3.25e+02	2.14e+01	1 1355 1144 1000 825 719 599 429 262
1557	1	7.45e+02	3.14e+02	1.94e+01	1 1405 1186 1037 856 746 621 444 272
1679	1	7.42e+02	2.88e+02	1.47e+01	1 1516 1279 1118 923 804 670 479 293
1779	1	7.39e+02	2.74e+02	1.63e+01	1 1606 1355 1185 978 852 710 507 310
1850	1	7.37e+02	2.62e+02	1.40e+01	1 1670 1409 1232 1017 886 738 528 323
2577	1	7.16e+02	1.89e+02	1.22e+01	1 2326 1963 1716 1416 1234 1028 736 450
2798	1	7.09e+02	1.74e+02	1.16e+01	1 2525 2131 1863 1538 1340 1116 799 488
2996	1	7.03e+02	1.63e+02	1.14e+01	1 2704 2282 1995 1647 1435 1195 855 523

Table A.6 (continued)

N	ρ	z_s	P_2	P_4	**g**
3038	1	7.02e+02	1.61e+02	1.13e+01	1 2742 2314 2023 1670 1455 1212 867 530
3109	1	7.00e+02	1.57e+02	1.12e+01	1 2806 2368 2070 1709 1489 1240 887 543
3209	1	6.97e+02	1.50e+02	6.00e+00	1 2896 2444 2137 1764 1537 1280 915 560
3281	1	6.95e+02	1.48e+02	9.21e+00	1 2961 2499 2185 1803 1571 1309 936 572
4134	1	6.72e+02	1.19e+02	1.02e+01	1 3731 3149 2753 2272 1980 1649 1180 722
4648	1	6.59e+02	1.06e+02	9.98e+00	1 4195 3540 3095 2555 2226 1854 1327 811
5131	1	6.47e+02	9.45e+01	6.03e+00	1 4631 3908 3417 2820 2457 2047 1464 895
5786	1	6.33e+02	8.47e+01	6.02e+00	1 5222 4407 3853 3180 2771 2308 1651 1010
6007	1	6.28e+02	7.98e+01	3.81e+00	1 5421 4575 4000 3302 2877 2396 1714 1048
6390	1	6.21e+02	7.50e+01	3.71e+00	1 5767 4867 4255 3512 3060 2549 1823 1115
8240	1	5.88e+02	5.86e+ 01	3.39e+00	1 7437 6276 5487 4529 3946 3287 2351 1438
8824	1	5.79e+02	5.61e+01	3.48e+00	1 7964 6721 5876 4850 4226 3520 2518 1540
9265	1	5.73e+02	5.21e+01	3.22e+00	1 8362 7057 6170 5092 4437 3696 2644 1617
9386	1	5.71e+02	5.12e+01	3.08e+00	1 8471 7149 6250 5159 4495 3744 2678 1638
10141	1	5.60e+02	4.79e+01	3.09e+00	1 9152 7724 6753 5574 4857 4045 2894 1770
10655	1	5.54e+02	4.53e+01	3.01e+00	1 9616 8115 7095 5857 5103 4250 3041 1859
11038	1	5.49e+02	4.43e+01	3.12e+00	1 9962 8407 7350 6067 5286 4403 3150 1926
12261	2	1.07e+03	3.87e+01	1.11e+00	1 11066 9339 8165 6739 5872 4891 3499 2140
13179	1	5.25e+02	3.71e+01	2.90e+00	1 11894 10038 8776 7244 6312 5257 3761 2300
16441	1	4.94e+02	3.03e+01	2.74e+00	1 14838 12522 10948 9037 7874 6558 4692 2869
18381	2	9.58e+02	2.56e+01	7.03e-01	1 16589 14000 12240 10103 8803 7332 5245 3208
19862	2	9.36e+02	2.41e+01	8.12e-01	1 17926 15128 13226 10917 9512 7923 5668 3466
21419	2	9.16e+02	2.18e+01	6.45e-01	1 19331 16314 14263 11773 10258 8544 6112 3738
21647	2	9.13e+02	2.07e+01	4.04e-01	1 19537 16488 14415 11898 10367 8635 6177 3778
22565	2	9.01e+02	2.05e+01	5.17e-01	1 20365 17187 15026 12403 10807 9001 6439 3938
25265	2	8.71e+02	1.91e+01	7.57e-01	1 22802 19243 16824 13887 12100 10078 7210 4409

Table A.6 (continued)

N	ρ	z_s	P_2	P_4	**g**
28702	2	8.37e+02	1.61e+01	4.03e-01	1 25904 21861 19113 15776 13746 11449 8191 5009
32685	2	8.02e+02	1.39e+01	3.28e-01	1 29499 24895 21765 17965 15653 13038 9327 5704
38243	2	7.62e+02	1.20e+01	3.20e-01	1 34515 29128 25466 21020 18315 15255 10913 6674
38301	2	7.61e+02	1.19e+01	2.35e-01	1 34567 29172 25505 21052 18343 15278 10930 6684
41567	2	7.40e+02	1.10e+01	3.00e-01	1 37515 31660 27680 22847 19907 16581 11862 7254
42427	2	7.35e+02	1.05e+01	1.96e-01	1 38291 32315 28252 23320 20319 16924 12107 7404
46684	2	7.11e+02	9.53e+00	1.93e-01	1 42133 35557 31087 25660 22358 18622 13322 8147
51267	2	6.88e+02	8.61e+00	1.70e-01	1 46269 39048 34139 28179 24553 20450 14630 8947
57950	4	1.32e+03	7.25e+00	4.81e-02	1 52301 44138 38589 31852 27753 23116 16537 10113
61387	4	1.29e+03	6.83e+00	3.73e-02	1 55403 46756 40878 33741 29399 24487 17518 10713
80728	4	1.16e+03	5.02e+00	2.51e-02	1 72858 61487 53757 44372 38662 32202 23037 14088
83994	4	1.15e+03	4.85e+00	2.40e-02	1 75806 63975 55932 46167 40226 33505 23969 14658
84927	4	1.14e+03	4.84e+00	3.05e-02	1 76648 64685 56553 46680 40673 33877 24235 14821
88251	4	1.13e+03	4.66e+00	2.48e-02	1 79648 67217 58767 48507 42265 35203 25184 15401
89510	4	1.12e+03	4.39e+00	1.98e-02	1 80784 68176 59605 49199 42868 35705 25543 15621
109217	6	1.55e+03	3.59e+00	1.19e-02	1 98570 83186 72728 60031 52306 43566 31167 19060
117670	6	1.51e+03	3.29e+00	1.11e-02	1 106199 89624 78357 64677 56354 46938 33579 20535
121107	6	1.49e+03	3.29e+00	1.20e-02	1 109301 92242 80646 66566 58000 48309 34560 21135
146314	6	1.38e+03	2.61e+00	6.48e-03	1 132051 111441 97431 80421 70072 58364 41753 25534
168921	6	1.30e+03	2.24e+00	5.37e-03	1 152454 128660 112485 92847 80899 67382 48204 29479
173504	6	1.29e+03	2.18e+00	6.13e-03	1 156590 132151 115537 95366 83094 69210 49512 30279

Table A.6 (continued)

N	ρ	z_s	P_2	P_4	**g**
201835	6	1.21e+03	1.91e+00	6.27e-03	1 182159 153729 134403 110938 96662 80511 57597 35223
255531	6	1.09e+03	1.48e+00	3.92e-03	1 230621 194627 170159 140452 122378 101930 72920 44594
278138	6	1.05e+03	1.35e+00	3.27e-03	1 251024 211846 185213 152878 133205 110948 79371 48539
290028	6	1.03e+03	1.31e+00	3.60e-03	1 261755 220902 193131 159413 138899 115691 82764 50614
291174	6	1.03e+03	1.27e+00	4.27e-03	1 262789 221775 193894 160043 139448 116148 83091 50814
315293	6	9.93e+02	1.18e+00	3.32e-03	1 284557 240145 209955 173300 150999 125769 89974 55023
342483	6	9.56e+02	1.13e+00	4.23e-03	1 309096 260855 228061 188245 164021 136615 97733 59768
467789	6	8.29e+02	8.46e-01	2.83e-03	1 422187 356295 311503 257119 224032 186599 133491 81636
479973	6	8.19e+02	8.07e-01	2.61e-03	1 433183 365575 319616 263816 229867 191459 136968 83762
586605	6	7.46e+02	7.25e-01	2.66e-03	1 529420 446792 390623 322426 280935 233994 167397 102371
598014	10	1.23e+03	6.01e-01	9.01e-04	1 539717 455482 398220 328697 286399 238545 170653 104362
657776	10	1.18e+03	5.44e-01	8.52e-04	1 593653 501000 438016 361545 315020 262384 187707 114791
747394	6	6.64e+02	5.44e-01	2.35e-03	1 674535 569258 497693 410803 357939 298132 213281 130431
770001	6	6.55e+02	5.39e-01	2.33e-03	1 694938 586477 512747 423229 368766 307150 219732 134376
947762	10	9.86e+02	3.98e-01	8.00e-04	1 855370 721870 631119 520935 453899 378058 270459 165398
1065432	10	9.31e+02	3.74e-01	8.28e-04	1 961569 811494 709476 585612 510253 424996 304038 185933
1193072	10	8.80e+02	3.58e-01	8.39e-04	1 1076766 908712 794472 655769 571382 475911 340462 208208

Table A.6 (continued)

N	ρ	z_s	P_2	P_4	**g**
1204481	10	8.76e+02	3.08e-01	6.27e-04	1 1087063 917402 802069 662040 576846 480462 343718 210199
1405170	10	8.11e+02	2.92e-01	7.08e-04	1 1268188 1070258 935709 772348 672959 560516 400988 245222
1825381	10	7.09e+02	2.19e-01	5.89e-04	1 1647435 1390315 1215529 1003316 874205 728136 520902 318555
1885143	10	6.98e+02	2.18e-01	5.88e-04	1 1701371 1435833 1255325 1036164 902826 751975 537956 328984
1991775	10	6.78e+02	2.00e-01	5.00e-04	1 1797608 1517050 1326332 1094774 953894 794510 568385 347593

Table A.7

Best P_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 3$

N	ρ	z_s	P_2	P_4	**g**
948	45	3.25e-01	6.86e-03	1.09e-06	1 811 350
950	51	3.68e-01	6.77e-03	8.63e-07	1 668 509
951	56	4.04e-01	6.36e-03	6.80e-07	1 576 140
953	48	3.46e-01	6.35e-03	7.44e-07	1 671 518
957	48	3.44e-01	6.32e-03	7.73e-07	1 529 292
965	66	4.70e-01	6.18e-03	5.47e-07	1 559 225
978	56	3.94e-01	6.08e-03	5.92e-07	1 727 394
987	64	4.47e-01	5.95e-03	5.36e-07	1 529 293
995	68	4.72e-01	5.65e-03	4.51e-07	1 557 256
1027	72	4.86e-01	5.47e-03	4.71e-07	1 482 222
1033	74	4.97e-01	5.21e-03	3.55e-07	1 670 215
9972	217	2.00e-01	1.56e-04	1.07e-9	1 6755 1238
9973	372	3.43e-01	1.52e-04	4.94e-10	1 7503 5668
9974	347	3.20e-01	1.39e-04	4.22e-10	1 8325 3685
9976	250	2.31e-01	1.34e-04	6.31e-10	1 7381 3953
9979	360	3.32e-01	1.30e-04	2.89e-10	1 8436 4459
10007	504	4.64e-01	1.15e-04	1.64e-10	1 5675 3222
10015	488	4.49e-01	1.12e-04	1.64e-10	1 5442 2045
10111	522	4.76e-01	1.09e-04	1.32e-10	1 7204 1967
10348	464	4.15e-01	1.08e-04	1.51e-10	1 8315 5585
10457	462	4.09e-01	1.06e-04	1.60e-10	1 6867 5997
10485	488	4.31e-01	1.05e-04	1.40e-10	1 8366 3611
10542	528	4.64e-01	1.02e-04	1.36e-10	1 8342 3701
10716	480	4.16e-01	1.02e-04	1.33e-10	1 6263 3308
10733	504	4.36e-01	9.81e-05	1.19e-10	1 7227 6113
99510	2100	2.43e-01	2.64e-06	1.99e-13	1 48225 18803
99972	2392	2.75e-01	2.16e-06	8.97e-14	1 68206 42725

Table A.8

BestP_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 4$

N	ρ	z_s	P_2	P_4	**g**
948	21	1.04e+00	9.33e-02	7.44e-05	1 815 559 235
949	18	8.91e-01	8.92e-02	7.78e-05	1 705 506 105
956	16	7.88e-01	8.82e-02	8.20e-05	1 710 545 365
980	16	7.75e-01	8.64e-02	8.75e-05	1 742 413 38
999	20	9.55e-01	8.25e-02	5.68e-05	1 510 376 212
1011	20	9.47e-01	8.06e-02	5.33e-05	1 850 638 288
1037	15	6.97e-01	7.78e-02	6.96e-05	1 831 753 445
9972	96	8.16e-01	3.16e-03	1.17e-07	1 6389 5343 2224
9974	90	7.65e-01	3.15e-03	1.36e-07	1 5741 5376 1810
9980	84	7.14e-01	3.14e-03	1.35e-07	1 5626 2929 861
9988	99	8.41e-01	2.91e-03	9.20e-08	1 8244 6771 4454
9989	80	6.79e-01	2.89e-03	1.30e-07	1 6683 4180 1423
9997	108	9.16e-01	2.86e-03	8.56e-08	1 7763 4664 3678
10008	102	8.65e-01	2.76e-03	8.76e-08	1 8443 7263 3657
10017	90	7.62e-01	2.68e-03	8.81e-08	1 6768 4537 715
10096	120	1.01e+00	2.60e-03	5.81e-08	1 8333 6975 4025
10201	128	1.07e+00	2.45e-03	4.24e-08	1 8399 7428 4287
10475	118	9.65e-01	2.36e-03	4.69e-08	1 8575 4032 1562
10615	96	7.77e-01	2.29e-03	5.45e-08	1 6620 5194 2249
99503	80	1.06e-01	5.85e-04	5.60e-08	1 78497 65882 27643
99539	84	1.12e-01	3.86e-04	4.04e-08	1 78202 46652 39786
99540	224	2.98e-01	1.58e-04	1.51e-09	1 70166 42779 18374
99659	330	4.39e-01	1.20e-04	3.61e-10	1 70495 37791 18189
99735	284	3.77e-01	1.11e-04	4.53e-10	1 72539 41923 7045
99856	252	3.34e-01	1.07e-04	6.69e-10	1 79315 56316 29705
99907	416	5.52e-01	9.60e-05	1.94e-10	1 64067 54142 20891
100044	410	5.43e-01	8.05e-05	1.24e-10	1 74833 46701 38134

Table A.9

BestP_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 5$

N	ρ	z_s	P_2	P_4	**g**
948	6	2.04e+00	7.87e-01	4.44e-03	1 671 518 337 133
955	8	2.71e+00	7.84e-01	3.06e-03	1 718 569 462 198
963	8	2.69e+00	7.58e-01	3.20e-03	1 723 577 458 183
980	8	2.67e+00	7.57e-01	3.21e-03	1 760 608 531 123
986	8	2.66e+00	7.52e-01	2.71e-03	1 739 579 486 214
990	6	1.99e+00	7.46e-01	3.84e-03	1 925 703 540 331
995	8	2.64e+00	7.21e-01	2.57e-03	1 868 726 546 355
1024	8	2.60e+00	7.10e-01	2.70e-03	1 812 769 529 411
1029	8	2.59e+00	7.02e-01	2.54e-03	1 613 601 474 259
1043	6	1.93e+00	6.92e-01	3.50e-03	1 774 565 549 118
1049	6	1.92e+00	6.74e-01	3.15e-03	1 700 470 172 82
9972	16	1.25e+00	4.47e-02	4.28e-05	1 7856 4582 3855 2961
9973	28	2.19e+00	4.30e-02	1.82e-05	1 8202 4675 4199 3175
9974	20	1.57e+00	4.03e-02	2.14e-05	1 7594 6358 5797 5656
9975	24	1.88e+00	3.78e-02	1.43e-05	1 6679 6144 4013 1572
9981	28	2.19e+00	3.69e-02	1.26e-05	1 7108 6451 4442 1197
9982	35	2.74e+00	3.53e-02	7.92e-06	1 8425 4834 3986 2538
10034	33	2.57e+00	3.52e-02	9.38e-06	1 6817 6514 4078 1789
10069	30	2.33e+00	3.45e-02	8.80e-06	1 8951 6974 5765 4098
10237	36	2.77e+00	3.32e-02	6.18e-06	1 7172 5868 4751 1796
10374	39	2.97e+00	3.24e-02	5.59e-06	1 10226 7750 5703 4000
10407	32	2.43e+00	3.20e-02	6.32e-06	1 7266 5088 3778 2362
10495	30	2.27e+00	3.13e-02	6.34e-06	1 6394 5438 2912 1399
10662	32	2.39e+00	3.11e-02	6.87e-06	1 8632 6915 6319 3255
99504	42	6.43e-01	2.84e-03	6.79e-07	1 76641 76304 57990 48091
99510	128	1.96e+00	1.78e-03	4.18e-08	1 76123 58383 48242 22180
99525	111	1.70e+00	1.60e-03	3.96e-08	1 90340 74915 41273 36483
99672	120	1.84e+00	1.42e-03	2.82e-08	1 86539 72503 46789 37338

Table A.10

Best P_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 6$

N	ρ	z_s	P_2	P_4	**g**
948	4	9.31e+00	4.67e+00	5.14e-02	1 727 445 402 389 86
956	4	9.28e+00	4.64e+00	6.00e-02	1 841 765 613 451 250
984	3	6.88e+00	4.63e+00	7.76e-02	1 724 491 389 294 209
990	4	9.15e+00	4.54e+00	5.82e-02	1 783 755 496 406 311
997	4	9.12e+00	4.53e+00	5.61e-02	1 798 682 497 439 165
998	3	6.84e+00	4.48e+00	6.90e-02	1 749 582 517 290 200
1010	3	6.80e+00	4.36e+00	7.52e-02	1 776 740 472 405 81
1023	4	9.02e+00	4.35e+00	4.97e-02	1 746 692 525 402 143
1025	4	9.01e+00	4.23e+00	5.45e-02	1 830 757 495 400 85
1035	4	8.98e+00	4.10e+00	4.95e-02	1 823 805 540 435 235
9972	5	3.60e+00	3.62e-01	3.58e-03	1 6929 5931 5128 2346 318
9973	8	5.77e+00	3.31e-01	1.26e-03	1 7381 4539 4086 3791 2673
9974	9	6.49e+00	3.29e-01	8.44e-04	1 7770 7457 6364 4917 4219
9976	12	8.65e+00	3.09e-01	5.02e-04	1 7269 4675 4243 1871 1733
9978	12	8.65e+00	3.06e-01	4.40e-04	1 8164 4783 4311 3132 564
9986	12	8.64e+00	2.90e-01	3.67e-04	1 8681 8475 6817 4870 2597
10065	10	7.17e+00	2.79e-01	4.44e-04	1 8172 6466 5384 3122 2137
10187	12	8.55e+00	2.77e-01	2.88e-04	1 8313 7671 4615 4083 893
10309	16	1.13e+01	2.72e-01	2.36e-04	1 9219 7180 5573 4111 2263
10558	12	8.37e+00	2.69e-01	3.12e-04	1 8423 7310 5623 3640 2659
10586	12	8.36e+00	2.69e-01	3.58e-04	1 9344 8019 5472 3207 125
10645	10	6.95e+00	2.68e-01	4.78e-04	1 8361 6503 5193 4281 781
10674	12	8.32e+00	2.68e-01	2.86e-04	1 7905 5171 4739 2464 1651
10740	15	1.04e+01	2.64e-01	2.55e-04	1 8568 7436 5720 3703 2705
10743	14	9.67e+00	2.61e-01	2.48e-04	1 9677 8698 5524 2468 937

Table A.10 (continued)

N	ρ	z_s	P_2	P_4	**g**
99517	30	5.29e+00	2.10e-02	6.76e-06	1 80562 46586 43133 31664 17497
99537	30	5.29e+00	1.86e-02	5.67e-06	1 70296 64059 48832 42107 17468
99612	30	5.28e+00	1.75e-02	4.16e-06	1 79109 66658 48825 35928 5891
99656	30	5.28e+00	1.69e-02	3.69e-06	1 96016 91133 55550 39587 24775
99835	45	7.91e+00	1.66e-02	1.87e-06	1 80134 68285 44665 41546 4534
100023	36	6.32e+00	1.55e-02	2.29e-06	1 79219 76382 59330 49759 27594

Table A.11

BestP_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 7$

N	ρ	z_s	P_2	P_4	**g**
948	2	3.19e+01	2.44e+01	8.32e-01	1 753 725 543 362 148 112
950	2	3.19e+01	2.38e+01	9.32e-01	1 835 745 580 562 285 150
955	2	3.19e+01	2.36e+01	8.82e-01	1 655 553 540 515 290 180
964	2	3.18e+01	2.34e+01	6.90e-01	1 792 723 622 499 304 103
970	2	3.17e+01	2.30e+01	8.57e-01	1 785 730 560 510 300 82
989	2	3.16e+01	2.29e+01	5.21e-01	1 735 643 543 508 297 174
1004	2	3.14e+01	2.27e+01	6.37e-01	1 822 786 477 436 334 175
1006	2	3.14e+01	2.27e+01	7.86e-01	1 929 831 721 612 376 350
1008	2	3.14e+01	2.25e+01	6.52e-01	1 870 713 696 487 419 215
1011	2	3.14e+01	2.25e+01	7.03e-01	1 709 650 577 507 213 183
1021	2	3.13e+01	2.24e+01	7.35e-01	1 912 742 647 564 425 2
1023	2	3.13e+01	2.23e+01	5.32e-01	1 864 785 584 551 294 2
1028	2	3.12e+01	2.22e+01	6.31e-01	1 968 749 644 454 419 103
1029	2	3.12e+01	2.22e+01	5.66e-01	1 961 767 759 447 413 409
1030	2	3.12e+01	2.20e+01	4.35e-01	1 968 726 697 502 431 182
1032	2	3.12e+01	2.15e+01	5.13e-01	1 826 618 558 359 309 77
9972	4	2.65e+01	1.93e+00	1.35e-02	1 8487 7502 5614 4730 3278 221
9973	4	2.65e+01	1.90e+00	1.50e-02	1 7693 5629 5441 5293 2701 1800
9985	4	2.65e+01	1.83e+00	1.29e-02	1 8263 6370 5147 4442 2650 2334
10004	6	3.98e+01	1.80e+00	7.65e-03	1 7539 5346 3975 2484 1911 878
10066	7	4.63e+01	1.78e+00	6.04e-03	1 8595 7816 6978 5263 3482 2366
10121	7	4.61e+01	1.77e+00	6.51e-03	1 9081 7092 5927 4720 3600 2107
10171	6	3.95e+01	1.76e+00	6.18e-03	1 6950 4783 4331 3974 3339 2422
10306	8	5.23e+01	1.73e+00	5.51e-03	1 9793 6102 5376 4006 2460 2233
10359	6	3.91e+01	1.64e+00	4.57e-03	1 7647 7611 4611 3965 3307 1429
10758	7	4.49e+01	1.62e+00	5.12e-03	1 8994 7492 4450 4130 2611 1795
99500	9	1.83e+01	1.58e-01	4.01e-04	1 78906 72570 49449 35631 25405 9672
99517	16	3.25e+01	1.35e-01	8.95e-05	1 91010 70995 70682 51465 35196 6765
99553	18	3.65e+01	1.28e-01	7.89e-05	1 74352 48841 43323 36390 22355 4628
99707	15	3.04e+01	1.24e-01	7.71e-05	1 87209 72133 56531 39463 38791 24352
100032	24	4.85e+01	1.23e-01	5.05e-05	1 78450 74141 51994 42257 33048 17725

Table A.12

Best P_2 Rules from Samples of Szekeres Approximations:
10^3, 10^4, 10^5 Point Windows in $\mathbb{R}^s$: $s = 8$

N	ρ	z_s	P_2	P_4	**g**
948	2	2.19e+02	1.14e+02	3.81e+00	1 710 636 610 425 374 169 84
949	2	2.19e+02	1.13e+02	3.68e+00	1 738 659 422 409 296 156 2
950	2	2.19e+02	1.13e+02	3.49e+00	1 782 703 559 445 292 228 111
951	1	1.09e+02	1.12e+02	6.31e+00	1 761 687 679 531 419 394 149
954	2	2.19e+02	1.11e+02	3.01e+00	1 705 560 477 392 288 237 210
962	1	1.09e+02	1.11e+02	4.94e+00	1 843 753 623 600 483 441 241
966	2	2.18e+02	1.10e+02	3.10e+00	1 888 852 661 513 406 380 229
970	1	1.09e+02	1.09e+02	4.64e+00	1 737 737 527 346 311 185 116
976	1	1.09e+02	1.09e+02	4.77e+00	1 881 728 576 509 400 280 40
981	2	2.18e+02	1.08e+02	2.83e+00	1 820 739 490 425 324 201 91
985	1	1.09e+02	1.07e+02	4.66e+00	1 823 704 697 645 434 258 176
989	2	2.18e+02	1.07e+02	3.48e+00	1 709 495 445 379 305 217 182
997	2	2.17e+02	1.06e+02	3.15e+00	1 781 737 606 432 393 122 64
1000	1	1.09e+02	1.05e+02	6.42e+00	1 782 692 513 383 364 205 51
1005	2	2.17e+02	1.04e+02	3.13e+00	1 847 616 477 435 330 315 90
1016	2	2.17e+02	1.03e+02	3.38e+00	1 893 772 528 518 444 325 224
1029	1	1.08e+02	1.03e+02	4.75e+00	1 850 751 558 492 360 223 131
1035	1	1.08e+02	1.02e+02	4.47e+00	1 929 713 570 484 391 327 178
1036	2	2.16e+02	1.02e+02	2.73e+00	1 987 769 744 548 401 200 149
1038	1	1.08e+02	1.02e+02	6.72e+00	1 976 918 623 548 365 275 181
1041	2	2.16e+02	1.01e+02	3.24e+00	1 915 791 541 531 455 333 230
1044	2	2.16e+02	1.01e+02	2.66e+00	1 793 589 545 364 271 172 132
1050	2	2.16e+02	1.00e+02	2.98e+00	1 865 835 719 680 501 358 238

Table A.12 (continued)

N	ρ	z_s	P_2	P_4	**g**
9972	3	1.83e+02	9.88e+00	1.13e-01	1 8311 8013 6786 6275 4567 3334 712
9979	4	2.44e+02	9.51e+00	6.89e-02	1 7047 6941 6194 4948 4269 1742 1711
10034	4	2.44e+02	9.39e+00	8.02e-02	1 7254 5831 4041 3606 2851 1656 1109
10116	4	2.43e+02	9.29e+00	9.58e-02	1 8376 7719 7140 4572 4320 2856 823
10253	4	2.42e+02	9.25e+00	8.29e-02	1 8624 7186 4895 4674 3631 2937 1700
10267	4	2.42e+02	9.23e+00	9.27e-02	1 8135 6824 6413 4567 4126 3050 1018
10287	4	2.42e+02	9.11e+00	7.48e-02	1 8431 6513 5639 4251 2845 2666 898
10310	4	2.42e+02	9.07e+00	7.77e-02	1 8721 7080 4616 4543 2670 2193 646
10399	4	2.41e+02	9.06e+00	7.95e-02	1 8488 7660 7116 5109 4440 2305 737
10473	4	2.40e+02	9.05e+00	8.56e-02	1 9567 7463 6513 5173 4562 2752 1441
10494	4	2.40e+02	8.99e+00	8.91e-02	1 8679 7998 7258 4878 4453 2831 525
10555	4	2.40e+02	8.88e+00	8.19e-02	1 8073 7532 7041 4522 4022 2104 1332
10592	4	2.39e+02	8.83e+00	5.83e-02	1 10172 7947 7657 5119 4501 1653 890
10674	3	1.79e+02	8.83e+00	8.64e-02	1 8748 8144 5331 5299 3917 3046 970
10718	4	2.38e+02	8.77e+00	7.40e-02	1 8627 8466 8077 6167 5724 3549 2963
99502	7	1.63e+02	8.12e-01	2.64e-03	1 92143 75741 61235 57232 45929 27985 10092
99682	8	1.87e+02	7.75e-01	1.50e-03	1 83988 73264 70413 50124 35272 10409 7896
100177	8	1.86e+02	7.70e-01	1.77e-03	1 92613 88737 61563 45335 40149 25830 21746