

Table S1

n	q	p	k_{TIM}	k_2	k_3	t_{max}	$\log_{10}(B)$	C
500	0.001	465 (450, 540)	94.19 (80.24, 98.21)	99.76 (99.75, 99.77)	99.76 (99.75, 99.77)	0.0006 (0.0003, 0.001)	-3.1 (-3.5, -3)	5.0 (5, 5)
500	0.01	94 (35, 190)	93.59 (40.85, 98.91)	99.88 (99.67, 99.95)	99.88 (99.67, 99.95)	0.0986 (0.0032, 0.3162)	-3.4 (-3.5, -3)	5.4 (4, 7)
500	0.1	13 (9, 16)	94.69 (80.18, 98.96)	99.75 (99.61, 99.82)	99.75 (99.62, 99.82)	0.2214 (0.0316, 0.3162)	-3.3 (-3.5, -3)	5.7 (5, 7)
500	0.5	3 (2, 6)	99.63 (96.5, 99.92)	99.8 (99.6, 99.92)	99.8 (99.6, 99.92)	0.1116 (0.01, 0.3162)	-2.9 (-3.5, -2.5)	5.2 (5, 6)
500	0.9	3 (2, 3)	99.73 (99.57, 99.91)	99.66 (99.47, 99.71)	99.66 (99.47, 99.71)	0.0829 (0.0316, 0.1)	-2.9 (-3, -2.5)	5.0 (4, 6)
500	1	3 (3, 4)	99.6 (99.38, 99.81)	99.74 (99.74, 99.74)	99.74 (99.74, 99.74)	0.1000 (0.0562, 0.12)	-3.0 (-3, -3)	5.0 (4, 6)
1000	0.001	586 (350, 880)	75.47 (65.31, 86.28)	99.9 (99.83, 99.94)	99.9 (99.83, 99.94)	0.0080 (0.0032, 0.01)	-3.7 (-3.7, -3.7)	4.4 (4, 5)
1000	0.01	54 (20, 90)	99.12 (84.89, 99.61)	99.88 (99.68, 99.94)	99.88 (99.69, 99.94)	0.0072 (0.0032, 0.0316)	-3.0 (-3.7, -2.7)	5.1 (4, 6)
1000	0.1	9 (4, 21)	99.71 (82.42, 99.93)	99.93 (99.84, 99.98)	99.93 (99.84, 99.98)	0.0395 (0.0032, 0.3162)	-2.9 (-3.7, -2.7)	5.4 (4, 6)
1000	0.5	3 (2, 5)	99.85 (99.15, 99.97)	99.88 (99.8, 99.94)	99.88 (99.8, 99.94)	0.0527 (0.0032, 0.1)	-2.9 (-3.2, -2.7)	5.4 (4, 6)
1000	0.9	3 (2, 3)	99.92 (99.69, 99.97)	99.8 (99.73, 99.84)	99.8 (99.73, 99.84)	0.0440 (0.0032, 0.1)	-2.8 (-3.2, -2.7)	5.6 (5, 6)
1000	1	3 (3, 4)	99.87 (99.71, 99.97)	99.71 (99.7, 99.81)	99.71 (99.7, 99.81)	0.0505 (0.004, 0.1)	-2.9 (-3.2, -2.6)	5.2 (4, 6)
10000	0.001	450 (350, 650)	87.7 (84.28, 93.13)	99.98 (99.98, 99.99)	99.98 (99.98, 99.99)	0.0083 (0.0032, 0.01)	-3.7 (-3.7, -3.7)	5.8 (5, 6)
10000	0.01	51 (20, 130)	98.99 (77.48, 99.73)	99.98 (99.97, 99.99)	99.98 (99.97, 99.99)	0.0188 (0.0032, 0.1)	-3.5 (-3.7, -3)	4.9 (4, 6)
10000	0.1	5 (3, 15)	98.06 (75.9, 98.65)	99.99 (99.97, 100)	99.99 (99.97, 100)	0.0251 (0.01, 0.1778)	-3.1 (-3.7, 2.5)	5.2 (4, 6)
10000	0.5	4 (2, 10)	99.94 (97.31, 99.99)	99.98 (99.96, 99.99)	99.98 (99.96, 99.99)	0.0460 (0.0032, 0.3162)	-3.1 (-3.5, -2.7)	5.0 (4, 6)
10000	0.9	3 (2, 5)	99.97 (99.57, 99.99)	99.98 (99.97, 99.99)	99.98 (99.97, 99.99)	0.0322 (0.0032, 0.1)	-3.0 (-3.5, -2.7)	5.2 (4, 6)
10000	1	3 (2, 5)	99.98 (99.59, 99.99)	99.98 (99.98, 99.99)	99.98 (99.98, 99.99)	0.0251 (0.001, 0.1)	-2.8 (-3.5, -2.5)	5.1 (4, 6)