Statistics using characteristics of samples obtained under the thermodynamic distribution, using the energy function with the largest difference between minimum and maximum values

Gelman-Rubin: root degree

# iterations	500,000	1e6	5e6	10e6	20e6	30e6
shrink factor estimate	6.39	5.85	1.02	1.39	1.05	1.01
shrink factor upper confidence limit	13.3	11.4	1.04	2.01	1.08	1.03

Gelman-Rubin: number of leaves

# iterations	500,000	1e6	5e6	10e6	20e6	30e6
shrink factor estimate	11.4	8.01	1.01	1.33	1.07	1.02
shrink factor upper confidence limit	21.7	16	1.02	1.88	1.13	1.02

Gelman-Rubin: height

# iterations	500,000	1e6	5e6	10e6	20e6	30e6
shrink factor estimate	6.3	4.71	1.51	1.15	1.03	1.01
shrink factor upper confidence limit	11.2	17.5	2.2	1.41	1.1	1.01

Effective sample size: root degree

# iterations	5e6	10e6	20e6	30e6	40e6
# iterations / mean effective sample size	1,250,000	1,428,571	1,333,333	1,363,636	1,379,310
mean of effective sample size	4	7	15	22	29
standard deviation of effective sample size	1	1	3	3	4

Effective sample size: number of leaves

# iterations	5e6	10e6	20e6	30e6	40e6
# iterations / mean effective sample size	1,000,000	1,111,111	1,176,470	1,200,000	1,176,470
mean of effective sample size	5	9	17	25	34
standard deviation of effective sample size	4	7	13	19	25

Effective sample size: height

# iterations	5e6	10e6	20e6	30e6	40e6
# iterations / mean effective sample size	78,125	80,645	83,333	85,714	86,394
mean of effective sample size	64	124	240	350	463
standard deviation of effective sample size	73	144	282	422	560