

Scale up Bayesian estimation for NHPP using **rstan**

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Table 1: Summary results for parameter β

sample size	mean of the posterior means	s.d. of the posterior means	mean of the posterior s.e.
5	2.024	0.253	0.270
10	2.014	0.181	0.189
50	2.003	0.083	0.083
100	2.005	0.059	0.059
250	2.002	0.037	0.037
500	2.001	0.025	0.026

Table 2: Summary results for parameter θ

sample size	mean of the posterior means	s.d. of the posterior means	mean of the posterior s.e.
5	10.099	1.626	1.725
10	10.074	1.181	1.230
50	10.011	0.541	0.550
100	10.034	0.391	0.390
250	10.011	0.244	0.246
500	10.008	0.164	0.175