SOGA: Inference of Probabilistic Programs by Second-order Gaussian Approximation Reproducibility Report

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Table 5: Evaluation of parallelism on the 5 models of Table 3 with 15 iterations. For each model we report the runtime as the number of processor, shown in the columns, increases.

Model	1	2	4	6	8	10	12	20
ContinuousRW	51.93	28.95	16.80	18.40	17.84	17.70	17.51	17.30
Bernoulli	159.00	88.25	73.56	69.49	66.98	64.47	64.55	61.82
ClinicalTrial	469.36	328.51	354.19	339.16	317.91	329.39	347.82	344.79
CoinBias	126.75	72.22	55.85	55.51	53.26	50.11	51.10	48.27
SurveyUnbias	277.84	189.19	191.49	174.75	173.53	164.39	163.47	171.23