

# ***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.

<i>Model</i>	1	2	4	6	8	10	12	20
<i>ContinuousRW</i>	57.10	32.10	18.54	14.22	11.98	11.65	10.10	9.91
<i>Bernoulli</i>	176.26	98.14	51.87	37.96	33.02	31.84	27.70	27.80
<i>ClinicalTrial</i>	500.23	278.01	157.58	131.90	138.69	127.99	120.38	114.82
<i>CoinBias</i>	138.12	76.08	42.54	30.39	26.39	23.73	23.37	20.85
<i>SurveyUnbias</i>	301.83	168.62	93.76	70.42	74.32	70.75	67.47	63.72