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

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Table 2: Evaluation of *SOGA* accuracy and runtime as variables increase by using PyMC as ground truth due to PSI timing out. Each row shows the model's number of variables (# vars), absolute percentage errors ($|\%e|$), and *SOGA* runtime.

	SOGA		*PyMC*		
Model	*time (s)*	*value*	*time (s)*	*value*	$\|\%e\|$
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-
$timeseries_0$	to	to	mem	mem	-