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

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Table 4: Evaluation of *SOGA*'s runtime under an increasing number of Gaussian components used to represent non-Gaussian distributions ($\#comp$). The ground-truth value is computed via PSI: 0.800 for Coinbias and 0.416 for Surveyunbias.

#comp.	Coinbias			Surveyunbias		
	time	$|\%e|$	C	*time*	$|\%e|$	C
1	0.11	2.73	1	0.11	0.32	1
2	0.33	2.19	64	0.57	0.06	128
4	5.79	0.10	1774	30.11	0.02	9235
6	32.05	0.02	9714	318.21	0.01	85855