

MoG model with $d = 100$ , $q = 10$ and $n = m = 10^5$						
Statistic	$\mu$ -deformation			Statistic	$\Sigma_{ii}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.0029^{+0.00093}_{-0.0012}$	$0.00354^{+0.00079}_{-0.00096}$	44613		$0.00094^{+0.00029}_{-0.0004}$	$0.00114^{+0.00026}_{-0.00031}$
Statistic	$\Sigma_{i \neq j}$ -deformation			Statistic	$\text{pow}_+$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.0012^{+0.0005}_{-0.0005}$	$0.0015^{+0.00041}_{-0.0004}$	47259		$0.00036^{+0.00011}_{-0.00015}$	$0.00044^{+0.0001}_{-0.00012}$
Statistic	$\text{pow}_-$ -deformation			Statistic	$\mathcal{N}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.00035^{+0.00011}_{-0.00015}$	$0.00043^{+0.0001}_{-0.00012}$	44155		$0.12423^{+0.023}_{-0.041}$	$0.14175^{+0.016}_{-0.028}$
Statistic	$\mathcal{U}$ -deformation			Statistic	Timing	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$t^{\text{null}}$ (s)	
$t_{NPLM}$	$0.21387^{+0.039}_{-0.066}$	$0.24534^{+0.029}_{-0.043}$	29733		50710	