

MoG model with $d = 20$ , $q = 5$ and $n = m = 2 \cdot 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00395^{+0.0012}_{-0.0016}$	$0.00472^{+0.001}_{-0.0013}$	37663	$0.00134^{+0.00041}_{-0.00056}$	$0.0016^{+0.00035}_{-0.00043}$	40052
Statistic	$\Sigma_{i \neq j}$ -deformation			$\text{pow}_+$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.0034^{+0.0021}_{-0.0021}$	$0.0048^{+0.0021}_{-0.0021}$	144293	$0.00031^{+9e-05}_{-0.00013}$	$0.00037^{+8e-05}_{-0.0001}$	46350
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00031^{+0.0001}_{-0.00012}$	$0.00037^{+8e-05}_{-9e-05}$	41386	$0.04316^{+0.0079}_{-0.014}$	$0.04888^{+0.0061}_{-0.0093}$	30788
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.07464^{+0.014}_{-0.025}$	$0.08422^{+0.012}_{-0.017}$	29446	54553		