

MoG model with $d = 100$ , $q = 10$ and $n = m = 10^4$						
$\mu$ -deformation			$\Sigma_{ii}$ -deformation			
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.01022^{+0.003}_{-0.0039}$	$0.01227^{+0.0027}_{-0.0031}$	3690	$0.00333^{+0.00099}_{-0.0013}$	$0.00399^{+0.00089}_{-0.001}$	4008
$\Sigma_{i \neq j}$ -deformation			$\text{pow}_+$ -deformation			
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00559^{+0.0022}_{-0.0025}$	$0.00712^{+0.002}_{-0.0021}$	9175	$0.00126^{+0.00038}_{-0.00049}$	$0.00152^{+0.00034}_{-0.0004}$	3952
$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation			
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00132^{+0.00037}_{-0.00048}$	$0.00158^{+0.00033}_{-0.00038}$	3821	$0.21286^{+0.054}_{-0.073}$	$0.25257^{+0.053}_{-0.056}$	2901
$\mathcal{U}$ -deformation			Timing			
Statistic	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.37095^{+0.096}_{-0.13}$	$0.43272^{+0.082}_{-0.094}$	2769	5141		