

MoG model with $d = 5$ , $q = 3$ 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)
$t_{NPLM}$	$0.00669^{+0.002}_{-0.0022}$	$0.00806^{+0.0018}_{-0.0018}$	9080	$0.00152^{+0.0005}_{-0.00052}$	$0.00183^{+0.00047}_{-0.00045}$	9731
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)
$t_{NPLM}$	$0.0024^{+0.00094}_{-0.0009}$	$0.00294^{+0.0009}_{-0.00077}$	13000	$0.00099^{+0.00033}_{-0.00033}$	$0.00121^{+0.00029}_{-0.0003}$	10454
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00102^{+0.00035}_{-0.00035}$	$0.00123^{+0.00031}_{-0.00031}$	10343	$0.09097^{+0.015}_{-0.018}$	$0.1014^{+0.011}_{-0.014}$	7797
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.15644^{+0.027}_{-0.031}$	$0.17438^{+0.019}_{-0.025}$	7672	11856		