

MoG model with $d = 5$ , $q = 3$ and $n = m = 5 \cdot 10^4$						
Statistic	$\mu$ -deformation			t (s)	$\Sigma_{ii}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$			$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.00423^{+0.0013}_{-0.0014}$	$0.00515^{+0.0011}_{-0.0012}$	18283		$0.00092^{+0.00031}_{-0.00032}$	$0.00112^{+0.0003}_{-0.00027}$
Statistic	$\Sigma_{i \neq j}$ -deformation			t (s)	pow <sub>+</sub> -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$			$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.00142^{+0.00051}_{-0.00052}$	$0.0018^{+0.0004}_{-0.00045}$	10207		$0.0006^{+0.0002}_{-0.0002}$	$0.00073^{+0.00019}_{-0.00017}$
Statistic	pow <sub>-</sub> -deformation			t (s)	$\mathcal{N}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$			$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.00064^{+0.00024}_{-0.00024}$	$0.00078^{+0.00022}_{-0.00022}$	10749		$0.0707^{+0.011}_{-0.013}$	$0.07922^{+0.0091}_{-0.0096}$
Statistic	$\mathcal{U}$ -deformation			t (s)	Timing	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$			$t^{\text{null}}$ (s)	
$t_{NPLM}$	$0.12346^{+0.02}_{-0.023}$	$0.13671^{+0.016}_{-0.017}$	7412		23042	