

MoG model with $d = 20$ , $q = 5$ and $n = m = 10^5$						
Statistic	$\mu$ -deformation				$\Sigma_{ii}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.0043^{+0.0012}_{-0.0014}$	$0.00524^{+0.001}_{-0.0012}$	25454		$0.00103^{+0.00029}_{-0.00033}$	$0.00125^{+0.00026}_{-0.00027}$
Statistic	$\Sigma_{i \neq j}$ -deformation				pow $_+$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.001^{+0.0002}_{-0.00037}$	$0.0012^{+0.0002}_{-0.0003}$	32501		$0.00039^{+0.0001}_{-0.00013}$	$0.00047^{+9e-05}_{-0.0001}$
Statistic	pow $_-$ -deformation				$\mathcal{N}$ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$
$t_{NPLM}$	$0.00039^{+0.00011}_{-0.00012}$	$0.00047^{+0.0001}_{-0.0001}$	26892		$0.07464^{+0.01}_{-0.014}$	$0.08382^{+0.0076}_{-0.011}$
Statistic	$\mathcal{U}$ -deformation				Timing	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)		$t^{\text{null}}$ (s)	
$t_{NPLM}$	$0.1286^{+0.019}_{-0.025}$	$0.14441^{+0.013}_{-0.018}$	22599		35063	