

MoG model with $d = 100$, $q = 10$ and $n = m = 2 \cdot 10^4$						
Statistic	μ -deformation			Σ_{ii} -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.00673^{+0.0019}_{-0.0024}$	$0.00815^{+0.0017}_{-0.0019}$	3189	$0.00208^{+0.0006}_{-0.00078}$	$0.00253^{+0.00053}_{-0.0006}$	3371
Statistic	$\Sigma_{i \neq j}$ -deformation			pow_+ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.0033^{+0.0013}_{-0.0014}$	$0.0042^{+0.0012}_{-0.0012}$	6951	$0.00079^{+0.00023}_{-0.0003}$	$0.00097^{+0.00019}_{-0.00024}$	3566
Statistic	pow_- -deformation			\mathcal{N} -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.00087^{+0.00026}_{-0.00033}$	$0.00105^{+0.00022}_{-0.00027}$	3517	$0.16947^{+0.04}_{-0.057}$	$0.20016^{+0.034}_{-0.041}$	2558
Statistic	\mathcal{U} -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)	t^{null} (s)		
t_{NPLM}	$0.29536^{+0.073}_{-0.1}$	$0.34557^{+0.053}_{-0.066}$	2439	4682		