

MoG model with $d = 100$, $q = 10$ and $n = m = 5 \cdot 10^4$						
Statistic	μ -deformation			t (s)	Σ_{ii} -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.00329^{+0.001}_{-0.0014}$	$0.00402^{+0.00086}_{-0.001}$	48147	$0.00107^{+0.00032}_{-0.00045}$	$0.00131^{+0.00029}_{-0.00034}$	51892
Statistic	$\Sigma_{i \neq j}$ -deformation			t (s)	pow_+ -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.01267^{+0.0041}_{-0.006}$	$0.0159^{+0.0033}_{-0.0045}$	48716	$0.00041^{+0.00012}_{-0.00017}$	$0.00051^{+0.0001}_{-0.00013}$	55028
Statistic	pow_- -deformation			t (s)	\mathcal{N} -deformation	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$		$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	t (s)
t_{NPLM}	$0.00044^{+0.00014}_{-0.00018}$	$0.00054^{+0.00011}_{-0.00014}$	51633	$0.10096^{+0.02}_{-0.034}$	$0.11511^{+0.017}_{-0.023}$	33640
Statistic	\mathcal{U} -deformation			t (s)	Timing	
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$		t^{null} (s)		
t_{NPLM}	$0.17448^{+0.035}_{-0.058}$	$0.20113^{+0.025}_{-0.036}$	32256	72958		