

CG model with $d = 100$ and $n = m = 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.03381^{+0.0098}_{-0.012}$	$0.04072^{+0.0092}_{-0.0097}$	1548	$0.01059^{+0.0031}_{-0.0038}$	$0.01304^{+0.0027}_{-0.0031}$	1671
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)
$t_{NPLM}$	$0.02272^{+0.0055}_{-0.0077}$	$0.02737^{+0.0045}_{-0.0061}$	3786	$0.00329^{+0.001}_{-0.0012}$	$0.00403^{+0.00091}_{-0.001}$	1857
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00374^{+0.00094}_{-0.0011}$	$0.0045^{+0.00084}_{-0.00094}$	1806	$0.31283^{+0.08}_{-0.11}$	$0.36949^{+0.062}_{-0.076}$	1393
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.5447^{+0.13}_{-0.2}$	$0.6387^{+0.12}_{-0.16}$	1314	2192		