

Particle features with $n = m = 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.02422^{+0.0079}_{-0.0075}$	$0.02837^{+0.0072}_{-0.0074}$	5247	$0.05314^{+0.013}_{-0.019}$	$0.05742^{+0.014}_{-0.013}$	4522
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)
$t_{NPLM}$	$0.17842^{+0.033}_{-0.041}$	$0.19516^{+0.03}_{-0.03}$	3839	$0.06542^{+0.017}_{-0.023}$	$0.0735^{+0.014}_{-0.02}$	4115
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.05307^{+0.018}_{-0.019}$	$0.05825^{+0.016}_{-0.014}$	4293	$0.06323^{+0.0098}_{-0.014}$	$0.06861^{+0.0096}_{-0.011}$	4718
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.10852^{+0.015}_{-0.021}$	$0.11756^{+0.014}_{-0.019}$	3825	758		