

Scaled 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)
$t_{NPLM}$	$0.00327^{+0.00096}_{-0.00096}$	$0.00376^{+0.00085}_{-0.00085}$	1800	$0.01382^{+0.0036}_{-0.0049}$	$0.0159^{+0.0036}_{-0.0032}$	1489
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)
$t_{NPLM}$	$0.03157^{+0.0093}_{-0.011}$	$0.03632^{+0.0082}_{-0.0083}$	1540	$0.0389^{+0.014}_{-0.018}$	$0.04754^{+0.015}_{-0.011}$	1648
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.08444^{+0.015}_{-0.018}$	$0.09304^{+0.015}_{-0.015}$	2045	$0.15775^{+0.027}_{-0.047}$	$0.17799^{+0.019}_{-0.029}$	1997
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.27657^{+0.041}_{-0.072}$	$0.3013^{+0.044}_{-0.045}$	1914	469		