

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)
$t_{NPLM}$	$0.00344^{+0.00097}_{-0.001}$	$0.00407^{+0.00084}_{-0.0009}$	32427	$0.0163^{+0.0048}_{-0.0065}$	$0.01975^{+0.0043}_{-0.0043}$	33143
Statistic	$\Sigma_{i \neq j}$ -deformation			pow <sub>+</sub> -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.02168^{+0.0095}_{-0.0079}$	$0.02895^{+0.0058}_{-0.0079}$	31494	$0.03359^{+0.011}_{-0.015}$	$0.04257^{+0.013}_{-0.012}$	30343
Statistic	pow <sub>-</sub> -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.09887^{+0.016}_{-0.018}$	$0.11057^{+0.014}_{-0.016}$	25423	$0.12814^{+0.022}_{-0.037}$	$0.14572^{+0.019}_{-0.024}$	26043
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.22071^{+0.038}_{-0.065}$	$0.25042^{+0.028}_{-0.041}$	24517	6113		