

Scaled Particle features with $n = m = 2 \cdot 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00232^{+0.00065}_{-0.00078}$	$0.00289^{+0.00052}_{-0.00066}$	34958	$0.01154^{+0.0032}_{-0.0045}$	$0.0142^{+0.0027}_{-0.0031}$	31575
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)
$t_{NPLM}$	$0.01727^{+0.0042}_{-0.0083}$	$0.02068^{+0.0059}_{-0.0045}$	31422	$0.02585^{+0.0094}_{-0.011}$	$0.03368^{+0.0081}_{-0.012}$	29617
Statistic	pow <sub>-</sub> -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.05875^{+0.0094}_{-0.014}$	$0.06514^{+0.011}_{-0.0092}$	26972	$0.11419^{+0.019}_{-0.041}$	$0.13021^{+0.017}_{-0.022}$	25934
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.19517^{+0.036}_{-0.068}$	$0.22609^{+0.026}_{-0.038}$	23624	6158		