

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)
$t_{NPLM}$	$0.00376^{+0.00095}_{-0.0012}$	$0.00442^{+0.00092}_{-0.00092}$	88275	$0.00773^{+0.002}_{-0.0043}$	$0.0092^{+0.002}_{-0.0021}$	91699
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)
$t_{NPLM}$	$0.00935^{+0.0043}_{-0.0045}$	$0.0132^{+0.0037}_{-0.0063}$	84893	$0.02109^{+0.0081}_{-0.011}$	$0.02773^{+0.0094}_{-0.0088}$	88843
Statistic	pow <sub>-</sub> -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.17345^{+0.012}_{-0.016}$	$0.18108^{+0.011}_{-0.011}$	62317	$0.05764^{+0.01}_{-0.017}$	$0.06644^{+0.0083}_{-0.013}$	77062
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.09943^{+0.018}_{-0.028}$	$0.11395^{+0.014}_{-0.02}$	71648	15050		