

Scaled Particle features with $n = m = 5 \cdot 10^4$						
Statistic	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.00147^{+0.00046}_{-0.00056}$	$0.00182^{+0.00033}_{-0.00038}$	45154	$0.00762^{+0.0025}_{-0.0025}$	$0.00939^{+0.0022}_{-0.002}$	38293
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)
$t_{NPLM}$	$0.01213^{+0.0038}_{-0.0045}$	$0.01536^{+0.0024}_{-0.0033}$	36876	$0.01956^{+0.0048}_{-0.0088}$	$0.02471^{+0.005}_{-0.0069}$	35571
Statistic	pow <sub>-</sub> -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.03218^{+0.0063}_{-0.0089}$	$0.03765^{+0.0051}_{-0.0066}$	33567	$0.09864^{+0.015}_{-0.023}$	$0.11287^{+0.0091}_{-0.015}$	30105
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.16951^{+0.027}_{-0.038}$	$0.19396^{+0.016}_{-0.027}$	29804	7280		