

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)
$t_{NPLM}$	$0.00341^{+0.0011}_{-0.0012}$	$0.00398^{+0.00099}_{-0.0008}$	5719	$0.0132^{+0.0039}_{-0.0043}$	$0.0158^{+0.0034}_{-0.0034}$	4863
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)
$t_{NPLM}$	$0.02919^{+0.0098}_{-0.014}$	$0.03599^{+0.0066}_{-0.0083}$	4605	$0.04102^{+0.015}_{-0.019}$	$0.05014^{+0.016}_{-0.011}$	4282
Statistic	$\text{pow}_-$ -deformation			$\mathcal{N}$ -deformation		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)
$t_{NPLM}$	$0.07771^{+0.014}_{-0.017}$	$0.08785^{+0.014}_{-0.014}$	4598	$0.1557^{+0.023}_{-0.046}$	$0.17567^{+0.019}_{-0.028}$	3816
Statistic	$\mathcal{U}$ -deformation			Timing		
	$\epsilon_{95\%CL}$	$\epsilon_{99\%CL}$	$t$ (s)	$t^{\text{null}}$ (s)		
$t_{NPLM}$	$0.2653^{+0.044}_{-0.077}$	$0.30273^{+0.035}_{-0.053}$	3472	684		