$\mu$ -deformation				$\Sigma_{ii}$ -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{\rm SW}$	$0.06686^{+0.019}_{-0.023}$	$0.08691^{+0.017}_{-0.019} \\ 0.00766^{+0.0022}_{-0.0023}$	698	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$0.02825^{+0.0052}_{-0.006} \\ 0.00216^{+0.00083}_{-0.00078}$	766
$t_{\overline{ ext{KS}}}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$0.00766^{+0.0022}_{-0.0023}$	1312	$0.00132^{+0.00073}_{-0.00062}$	$0.00216^{+0.00083}_{-0.00078}$	1447
$t_{ m SKS}$	$0.05483^{+0.014}_{-0.017}$	$\begin{array}{c} -0.0023 \\ 0.07079^{+0.012}_{-0.014} \\ 0.11605^{+0.021}_{-0.022} \\ \end{array}$	737	$\begin{array}{c} -0.0382 \\ 0.01903^{+0.0032}_{-0.0051} \\ 0.02962^{+0.0062}_{-0.0077} \end{array}$	$0.02404^{+0.0037}_{-0.0037}$ $0.03721^{+0.005}_{-0.0056}$	813
$t_{ m FGD}$	$0.0917^{+0.024}_{-0.025}$	$0.11605^{+0.021}_{-0.022}$	5212	$0.02962^{+0.0062}_{-0.0077}$	$0.03721^{+0.005}_{-0.0056}$	5272
$t_{ m MMD}$	$0.08171^{+0.015}_{-0.010}$	$0.10334_{-0.014}^{+0.013}$	1992	$0.01681^{+0.0034}_{-0.0038}$	$0.02112^{+0.0029}_{-0.0031}$	2247
$t_{ m NPLM}$	$0.00673^{+0.0019}_{-0.0024}$	$0.00815^{+0.0017}_{-0.0019}$	3189	$\begin{array}{c} 0.01681^{+0.0034}_{-0.0038} \\ 0.00208^{+0.0006}_{-0.00078} \end{array}$	$0.00253^{+0.00053}_{-0.0006}$	3371
$t_{ m LLR}$	$6e - 05^{+4e - 05}_{-4e - 05}$	$9e - 05^{+4e - 05}_{-4e - 05}$	5633	$1e - 05^{+1e - 05}_{-1e - 05}$	$2e - 05^{+1}_{-1}e^{-05}_{-05}$	6765
$\Sigma_{i \neq j}$ -deformation				$pow_+$ -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$0.05165^{+0.0081}_{-0.01} \\ 1.00219^{+0.00098}_{-0.00042}$	3389	$0.00863^{+0.0022}_{-0.0029}$	$0.01123^{+0.002}_{-0.0024}$	<b>784</b>
$t_{\overline{ ext{KS}}}$	$1.00219_{-0.0017}^{+0.00074}$	$1.00219_{-0.00042}^{+0.00098}$	10626	$0.00049^{+0.0003}_{-0.00024}$	$0.00084^{+0.00031}_{-0.00032}$	1622
$t_{ m SKS}$	$0.04286^{+0.011}_{-0.015}$	$0.0552^{+0.0099}_{-0.012}$	3693	$0.0077^{+0.0013}_{-0.002}$	$0.00961^{+0.0011}_{-0.0013}$	822
$t_{ m FGD}$	$0.0069^{+0.0015}_{-0.0018}$	$0.00879^{+0.0013}$	9386	$0.01177^{+0.0023}$	$0.01473^{+0.002}_{-0.0023}$	4103
$t_{ m MMD}$	$0.02739^{+0.0079}_{-0.0088}$	$0.0351^{+0.007}_{-0.0078}$	6531	$0.00608^{+0.0012}_{-0.0014}$	$0.00762^{+0.0011}_{-0.0011}$	2406
$t_{ m NPLM}$	$\begin{array}{c} -0.02739^{+0.0079}_{-0.0088} \\ 0.0033^{+0.0013}_{-0.0014} \end{array}$	$0.0042^{+0.0012}_{-0.0012}$	6951	$0.00079^{+0.00023}_{-0.0003}$	$0.00097^{+0.00019}_{-0.00024}$	3566
$t_{ m LLR}$	-	-	-	$\begin{array}{c} 0.0117 - 0.0029 \\ 0.00608 ^{+0.0012}_{-0.0014} \\ 0.00079 ^{+0.00023}_{-0.0003} \\ 0.0 ^{+1}e^{-05} \end{array}$	$1e - 05^{+0}_{-1e-05}$	5652
$pow\deformation$				$\mathcal{N}\text{-deformation}$		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.00879^{+5}_{-0.003}$	$0.01149^{+5}_{-0.0025} \ 0.00085^{+0.00033}_{-0.00034}$	703	$0.27003^{+0.034}_{-0.053}$	$0.31096^{+0.026}_{-0.036}$	<b>659</b>
$t_{\overline{ ext{KS}}}$	$0.0005^{+0.00031}_{-0.00025}$	$0.00085^{+0.00033}_{-0.00034}$	832	$0.01686^{+0.0067}_{-0.0081}$	$0.02454^{+0.0062}_{-0.0071}$	730
$t_{ m SKS}$	$ \begin{array}{c} -0.00724 \\ 0.00767^{+0.0014}_{-0.0021} \\ 0.0118^{+0.0024}_{-0.003} \\ \end{array} $	$0.00962^{+0.0011}_{-0.0015}$	840	$0.23297^{+0.032}_{-0.049}$	$0.26623^{+0.028}_{-0.034}$	705
$t_{ m FGD}$	$0.0118^{+0.0024}_{-0.003}$	$0.01489^{+0.002}_{-0.002}$	4175	$0.23954^{+0.023}_{-0.034}$	$0.26901^{+0.019}_{-0.021}$	3372
$t_{ m MMD}$	$0.00568^{+0.0017}_{-0.0018}$	$0.00733^{+0.0015}_{-0.0015}$	2584	$1.01706^{+0.091}_{-0.13}$	$1.14737^{+0.064}_{-0.077}$	1740
$t_{ m NPLM}$	$0.00087^{+0.00026}_{-0.00033}$	$0.00105^{+0.00022}_{-0.00027}$	3517	$0.16947^{+0.04}_{-0.057}$	$0.20016^{+0.034}_{-0.041}$	2558
$t_{ m LLR}$	$\begin{array}{c} 0.0118_{-0.003} \\ 0.00568_{-0.0018}^{+0.0017} \\ 0.00087_{-0.00033}^{+0.00026} \\ 0.0_{-0}^{+1e-05} \end{array}$	$\begin{array}{c} -0.0023 \\ 0.00733^{+0.0015}_{-0.0015} \\ 0.00105^{+0.00022}_{-0.00027} \\ 1e - 05^{+0}_{-1e-05} \end{array}$	7345	-	=	
$\mathcal{U} ext{-} ext{deformation}$			Timing			
Statistic	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$t^{\text{null}}$ (s)		
$t_{ m SW}$	$0.46758^{+0.057}_{-0.092}$	$0.53846^{+0.045}_{-0.062}$	626	313		
$t_{\overline{ ext{KS}}}$	$0.02575^{+0.01}$	$0.03716^{+0.0098}_{-0.01}$	716	545		
$t_{ m SKS}$	$0.40136^{+0.059}_{-0.083}$	$0.46142_{-0.057}^{+0.05} \\ 0.46699_{-0.04}^{+0.033}$	687	618		
$t_{ m FGD}$	$0.41583^{+0.039}_{-0.059}$	$0.46699^{+0.033}_{-0.04}$	3032	7869		
$t_{ m MMD}$	$1.75184^{+0.17}_{-0.22}$	$1.9784^{+0.13}_{-0.15}$	1931	2411		
$t_{ m NPLM}$	$\begin{array}{c} 0.40136^{+0.059}_{-0.083} \\ 0.40136^{+0.059}_{-0.083} \\ 0.41583^{+0.039}_{-0.059} \\ 1.75184^{+0.17}_{-0.22} \\ 0.29536^{+0.073}_{-0.1} \end{array}$	$0.34557_{-0.066}^{+0.053}$	2439	4682		
$t_{ m LLR}$	-	-	-	-		