$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$						
	μ -deformation			Σ_{ii} -deformation		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.06686^{+0.019}_{-0.023}$	$0.08691^{+0.017}_{-0.019}$	698	$0.02176^{+0.0058}_{-0.0075}$	$0.02825^{+0.0052}_{-0.006}$	766
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} \textbf{0.0052} \begin{array}{c} -0.023 \\ \textbf{0.0052} \begin{array}{c} +0.0021 \\ -0.0021 \end{array} \\ 0.05483 \begin{array}{c} +0.014 \\ -0.017 \end{array} \\ 0.0917 \begin{array}{c} -0.024 \\ -0.025 \end{array} \end{array}$	$0.00766^{+0.0022}_{-0.0022}$	1312	$\begin{array}{c} 0.02176_{-0.0075} \\ 0.00132_{-0.00062}^{+0.00073} \\ 0.01903_{-0.0051}^{+0.0062} \\ 0.02962_{-0.0077}^{+0.0062} \end{array}$	$0.002404^{+0.00083}_{-0.0037}$	1447
$t_{ m SKS}$	$0.05483^{+0.014}_{-0.017}$	$0.07079^{+0.012}_{-0.014}$ $0.11605^{+0.021}_{-0.022}$ $0.10334^{+0.013}_{-0.014}$	737	$0.01903^{+0.0038}_{-0.0051}$	$0.02404^{+0.0031}_{-0.0037}$	813
$t_{ m FGD}$	$0.0917^{+0.024}_{-0.025}$	$0.11605^{+0.021}_{-0.022}$	5212	$0.02962^{+0.0062}_{-0.0077}$		5272
$t_{ m MMD}$	$0.08171^{+0.013}_{-0.019}$	$0.10334^{+0.013}_{-0.014}$	1992	$0.01681^{+0.0034}_{-0.0028}$	$0.02112^{+0.0029}_{-0.0031}$	2247
$t_{ m LLR}$	$6e - 05^{+4e - 05}_{-4e - 05}$	$9e - 05^{+4e-05}_{-4e-05}$	5633	$1e - 05^{+1}_{-1}e^{-05}_{-05}$	$2e - 05^{+1}_{-1}e^{-05}_{-05}$	6765
$\Sigma_{i \neq j}$ -deformation				pow_+ -deformation		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathrm{pow}_{+}}$	t (s)
$t_{ m SW}$	$0.0063^{+0.0015}_{-0.002}$	$0.00832^{+0.0013}_{-0.0016}$	15486	$0.00863^{+0.0022}_{-0.0029}$	$0.01123^{+0.002}_{-0.0024}$	784
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} -0.002\\ 1.00219^{+0.00074}_{-0.0017}\\ 0.00471^{+0.0014}_{-0.0016}\\ \textbf{0.00362}^{+0.00079}_{-0.00093} \end{array}$	$\begin{array}{c} 1.00219^{+0.00098}_{-0.00042} \\ 0.00618^{+0.0013}_{-0.00015} \\ \textbf{0.00461}^{+0.00038}_{-0.0007} \end{array}$	18574	$0.00049^{+0.0003}_{-0.00024}$	$0.00084^{+0.00031}_{-0.00032}$	1622
$t_{ m SKS}$	$0.00471^{+0.0014}_{-0.0016}$	$0.00618^{+0.0013}_{-0.0015}$	19756	$0.0077^{+0.0013}_{-0.002}$	$0.00961^{+0.0011}_{-0.0013}$	822
$t_{ m FGD}$	$0.00362^{+0.00079}_{-0.00093}$	$0.00461^{+0.00058}_{-0.0007}$	23515	$\begin{array}{c} -0.0023 \\ 0.01177^{+0.0023}_{-0.0029} \\ 0.00608^{+0.0012}_{-0.0014} \\ 0.00418^{+0.0012}_{-0.0014} \end{array}$	$0.01473^{+0.002}_{-0.0023}$	4103
$t_{ m MMD}$	$0.0086^{+0.0024}_{-0.0027}$	$0.01098^{+0.0022}_{-0.0022}$	18798	$0.00608^{+0.0012}_{-0.0014}$	$0.00762^{+0.0011}$	2406
$t_{ m LLR}$	$\begin{array}{c} 0.0086^{+0.0024}_{-0.0027} \\ 0.01886^{+0.0071}_{-0.0072} \end{array}$	$0.01098^{+0.0022}_{-0.0022} \\ 0.0233^{+0.0072}_{-0.0078}$	18881	0.0_{-0}^{+1e-05}	$1e - 05^{+0}_{-1e-05}$	5652
powdeformation			$\mathcal{N} ext{-} ext{deformation}$			
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathrm{pow}_{-}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathcal{N}}$	t (s)
$t_{ m SW}$	$0.00879^{+5}_{-0.003}$	$0.01149^{+5}_{-0.0025}$	703	$0.27003^{+0.034}_{-0.053}$	$0.31096^{+0.026}_{-0.036}$	659
$t_{\overline{ ext{KS}}}$	$0.0005^{+0.00031}_{-0.00025}$	$0.00085^{+0.00033}_{-0.0004}$	832	$0.01686^{+0.0067}_{-0.0081}$	$0.02454^{+0.0062}_{-0.0071}$	730
$t_{ m SKS}$	$0.00767^{+0.0014}_{-0.0021}$	$0.00962^{+0.0011}_{-0.0015}$	840	$0.23297^{+0.032}_{-0.049}$	$0.26623^{+0.028}_{-0.024}$	705
$t_{ m FGD}$	$0.0118^{+0.0024}_{-0.003}$	$0.01489^{+0.002}_{-0.0022}$	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
$t_{ m LLR}$	0.0^{+1e-05}_{-0}	$1e - 05^{+0}_{-1e-05}$	7345	-	-	
$\mathcal{U} ext{-} ext{deformation}$			Timing			
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathcal{U}}$	t (s)	t^{null} (s)		
$t_{ m FGD}$	$0.41583^{+0.039}_{-0.059}$	$0.46699^{+0.033}_{-0.04}$	3032	7869		
$t_{ m LLR}$	-	-	-	-		
$t_{ m MMD}$	$1.75184^{+0.17}_{-0.22}$	$1.9784^{+0.13}_{-0.15}$	1931	2411		
$t_{ m SKS}$	$0.40136^{+0.059}_{-0.083}$	$0.46142_{-0.057}^{+0.05}$	687	618		
$t_{ m SW}$	$0.46758^{+0.057}_{-0.092}$	$0.40142_{-0.057} \ 0.53846_{-0.062}^{+0.045}$	$\bf 626$	313		
$t_{\overline{ ext{KS}}}$	$0.02575^{+0.01}_{-0.012}$	$0.03716^{+0.0098}_{-0.01}$	716	545		