	$\mu$ -deformation			$\Sigma_{ii}$ -deformation		
Statistic	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\% ext{CL}}$	t (s)
$t_{ m SW}$	$0.02998^{+0.014}_{-0.013}$	$0.0404^{+0.014}_{-0.012}$	628	$0.01242^{+0.004}_{-0.0038}$	$0.0167^{+0.0039}_{-0.0036}$	655
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} \textbf{0.0265} = 0.013 \\ \textbf{0.02652} = 0.011 \\ 0.03198 = 0.013 \\ 0.02961 = 0.012 \\ 0.02961 = 0.012 \\ \end{array}$	$\begin{array}{c} -0.012 \\ \textbf{0.03393} + 0.011 \\ 0.04336 + 0.013 \\ 0.03908 + 0.016 \\ 0.012 \end{array}$	412	$\begin{array}{c} 0.02063^{+0.0065}_{-0.007} \\ 0.01678^{+0.0048}_{-0.005} \end{array}$	$0.02676_{-0.0065}^{+0.0059} \\ 0.02286_{-0.0048}^{+0.0046}$	431
$t_{ m SKS}$	$0.03198^{+0.014}_{-0.013}$	$0.04336^{+0.013}_{-0.013}$	762	$0.01678^{+0.0048}_{-0.005}$	$0.02286^{+0.0046}_{-0.0048}$	792
$t_{ m FGD}$	$0.02961^{+0.017}_{-0.012}$	$0.03908^{+0.016}_{-0.012}$	1484	$0.01067^{+0.0046}_{-0.0037}$		1498
$t_{ m MMD}$	$0.03647^{+0.027}_{-0.018}$	$0.05908_{-0.012}^{+0.026}$ $0.05258_{-0.018}^{+0.026}$	9485	$0.01056^{+0.0079}_{-0.0051}$	$0.01523^{+0.0074}_{-0.0052}$	10186
$t_{ m LLR}$	$ \begin{array}{c} 0.02961_{-0.012}^{+0.012} \\ 0.03647_{-0.018}^{+0.027} \\ 0.00908_{-0.0061}^{+0.006} \end{array} $	$0.01277^{+0.006}_{-0.0061}$	4974	$\begin{array}{c} -0.003\\ 0.01067^{+0.0046}_{-0.0037}\\ \textbf{0.01056}^{+0.0079}_{-0.0051}\\ 0.00198^{+0.0012}_{-0.0012}\\ \end{array}$	$\begin{array}{c} 0.01371_{-0.0035}^{+0.0035} \\ 0.01523_{-0.0052}^{+0.0074} \\ 0.00279_{-0.0012}^{+0.0012} \end{array}$	6312
$\Sigma_{i \neq j}$ -deformation			$pow_+$ -deformation			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.0268^{+0.0063}_{-0.0071}$	$0.038^{+0.0053}_{-0.0059}$	737	$0.00308^{+0.0014}_{-0.0012}$	$0.00421^{+0.0013}_{-0.0012}$	697
$t_{\overline{ ext{KS}}}$	$1.01714_{-0.0035}^{+0.0083}$	$1.02769^{+0.0015}_{-0.011}$	<b>574</b>	$0.00418^{+0.0016}_{-0.0015}$	$0.00528_{-0.0014}^{+0.0015}$	462
SKS	$0.03693^{+0.0089}_{-0.01}$	$0.05083^{+0.0081}_{-0.0088}$	869	$0.00345^{+0.0013}_{-0.0012}$	$0.00455^{+0.0013}_{-0.0012}$	846
FGD	$0.00711^{+0.0017}_{-0.002}$	$0.00923^{+0.0015}_{-0.0016}$	2029	$\begin{array}{c} 0.00345^{+0.0013}_{-0.0012} \\ 0.00278^{+0.0015}_{-0.0011} \end{array}$	$0.00363^{+0.0014}_{-0.0011}$	1539
MMD	$0.04051^{+0.026}_{-0.02}$	$0.05706^{+0.023}_{-0.018}$	10010	$0.00199^{+0.0015}_{-0.00098}$	$0.00286^{+0.0014}_{-0.00098}$	10854
LLR	-	-	-	$0.00074^{+0.00046}_{-0.00046}$	$0.00103^{+0.00046}_{-0.00046}$	4937
$pow\deformation$			$\mathcal{N} ext{-deformation}$			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
SW	$ \begin{vmatrix} 0.00299^{+5}_{-0.0011} \\ 0.00408^{+0.0015}_{-0.0016} \\ 0.00339^{+0.0013}_{-0.0015} \\ 0.00339^{+0.0015}_{-0.0015} \end{vmatrix} $	$\begin{array}{c} 0.00411^{+5}_{-0.0011} \\ 0.00518^{+0.0015}_{-0.0015} \\ 0.00452^{+0.0012}_{-0.0012} \end{array}$	681	$0.21417^{+0.031}_{-0.035}$	$\begin{array}{c} 0.25369^{+0.025}_{-0.026} \\ 0.20261^{+0.025}_{-0.027} \end{array}$	639
KS	$0.00408^{+0.0015}_{-0.0016}$	$0.00518^{+0.0015}_{-0.0015}$	464	$0.17628^{+0.039}_{-0.036}$	$0.20261_{-0.027}^{+0.025}$	400
SKS	$0.00339^{+0.0013}_{-0.0012}$	$0.00452^{+0.0012}_{-0.0012}$	855	$0.20906^{+0.03}_{-0.034}$	$0.24763^{+0.025}_{-0.026}$	695
FGD	$0.00265^{+0.0013}_{-0.0013}$	$0.0035^{+0.0014}_{-0.0012}$	1568	$0.15901^{+0.017}_{-0.022}$	$0.18192^{+0.013}_{-0.015}$	1177
$t_{ m MMD}$	$0.00216^{+0.0017}_{-0.0011}$	$0.00308^{+0.0016}_{-0.0011}$	13727	$0.43774_{-0.11}^{+0.11}$	$0.52451^{+0.09}_{-0.078}$	7791
LLR	$0.00074^{+0.00046}_{-0.00046}$	$0.00104^{+0.00045}_{-0.00046}$	4854	-	-	-
$\mathcal{U} ext{-} ext{deformation}$			Timing			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$t^{\text{null}}$ (s)		
$t_{ m SW}$	$ \begin{array}{c} 0.37144^{+0.052}_{-0.061} \\ 0.30398^{+0.046}_{-0.065} \\ 0.3622^{+0.049}_{-0.063} \\ \mathbf{0.27764^{+0.028}_{-0.04}} \\ \end{array} $	$0.43998^{+0.044}_{-0.048} \\ 0.35106^{+0.039}_{-0.05}$	621	350		
$t_{\overline{ ext{KS}}}$	$0.30398^{+0.046}_{-0.065}$	$0.35106^{+0.039}_{-0.05}$	380	68		
SKS	$0.3622^{+0.049}_{-0.063}$	$0.49009 \pm 0.043$	663	662		
$t_{ m FGD}$	$0.27764^{+0.028}_{-0.04}$	$0.42903_{-0.048}^{+0.021} \ 0.31558_{-0.026}^{+0.021}$	1125	1864		
$t_{ m MMD}$	$0.75881^{+0.19}_{-0.19}$	$0.90445^{+0.16}_{-0.14}$	9541	16275		
$t_{ m LLR}$	1 _					