	$\mu$ -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)
$t_{ m SW}$	$0.0705^{+0.029}_{-0.03}$	$\begin{array}{c} 0.09728^{+0.028}_{-0.027} \\ \textbf{0.01001}^{+0.0017}_{-0.0021} \\ 0.0723^{+0.017}_{-0.018} \\ 0.11456^{+0.039}_{-0.032} \\ 0.09628^{+0.029}_{-0.026} \\ 0.0005^{+0.0002}_{-0.00021} \end{array}$	2879	$0.02552^{+0.0073}_{-0.0093}$	$0.03528^{+0.0065}_{-0.0072}$	3063
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} \textbf{0.0769} = 0.03 \\ \textbf{0.00723} + 0.0027 \\ 0.05224 + 0.019 \\ 0.08351 + 0.042 \\ 0.06823 + 0.035 \\ 0.06823 + 0.033 \\ 0.00087 + 0.0002 \\ \end{array}$	$0.01001^{+0.0017}_{-0.0021}$	3020	$\begin{array}{c} \textbf{0.02032}_{-0.0093}^{-0.0093} \\ \textbf{0.00268}_{-0.001}^{+0.00078} \\ \textbf{0.02037}_{-0.0062}^{+0.0044} \\ \textbf{0.02984}_{-0.0089}^{+0.0081} \\ \textbf{0.01531}_{-0.0065}^{+0.0078} \\ \textbf{0.0031}_{-0.0065}^{+7} \end{array}$	$\begin{array}{c} \textbf{0.00325}_{-0.0072}^{-0.00066} \\ \textbf{0.00381}_{-0.0008}^{+0.00066} \\ \textbf{0.02765}_{-0.0043}^{+0.0071} \\ \textbf{0.04052}_{-0.0069}^{+0.0071} \\ \textbf{0.02118}_{-0.0059}^{+0.0073} \\ \textbf{0.0016}_{+7e-05}^{+7e-05} \end{array}$	3153
$t_{ m SKS}$	$0.05224^{+0.019}_{-0.021}$	$0.0723^{+0.017}_{-0.018}$	2976	$0.02037^{+0.0044}_{-0.0062}$	$0.02765^{+0.0037}_{-0.0043}$	3092
$t_{ m FGD}$	$0.08351_{-0.035}^{+0.042}$	$0.11456_{-0.032}^{+0.039}$	3069	$0.02984^{+0.0081}_{-0.0089}$	$0.04052^{+0.0071}_{-0.0069}$	3280
$t_{ m MMD}$	$0.06823^{+0.033}_{-0.03}$	$0.09628^{+0.029}_{-0.026}$	3967	$0.01531^{+0.0078}_{-0.0065}$	$0.02118^{+0.0073}_{-0.0059}$	4361
$t_{ m LLR}$	$0.00035^{+0.0002}_{-0.0002}$	$0.0005^{+0.0002}_{-0.00021}$	4803	$0.00011^{+7e-05}_{-6e-05}$	$0.00016^{+7e-05}_{-7e-05}$	6129
$\Sigma_{i \neq j}$ -deformation				$pow_+$ -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.03284^{+0.0083}_{-0.012}$	$0.0452^{+0.0072}_{-0.0081}$	3383	$0.00885^{+0.0026}_{-0.0032}$	$0.01229_{-0.0026}^{+0.0023}$	3289
$t_{\overline{ ext{KS}}}$	$1.00292^{+0.00074}_{-0.002}$	$1.00384^{+0.00031}_{-0.0011}$	3763	$0.00063^{+0.00022}_{-0.00022}$	$0.00092^{+0.0002}_{-0.00023}$	3366
$t_{ m SKS}$	$0.03491^{+0.011}_{-0.013}$	$0.04771^{+0.009}_{-0.01}$	3492	$0.00669^{+0.0014}_{-0.0019}$	$0.00899^{+0.001}_{-0.0013}$	3252
$t_{ m FGD}$	$0.0086^{+0.002}_{-0.0024}$	$0.01178^{+0.0016}_{-0.0018}$	4984	$0.01094^{+0.0026}_{-0.0032}$	$0.01482^{+0.0021}_{-0.0023}$ $0.00756^{+0.0022}_{-0.0019}$	3782
$t_{ m MMD}$	$0.02632^{+0.013}_{-0.012}$	$0.03677^{+0.012}_{-0.01}$	4795	$0.00543^{+0.0025}_{-0.0022}$	$0.00756^{+0.0022}_{-0.0019}$	4416
$t_{ m LLR}$	-	-	-	$\begin{array}{c} -0.0027 \\ 0.00669 ^{+0.0014} \\ 0.01094 ^{+0.0026} \\ 0.00543 ^{+0.0025} \\ 2e - 05 ^{+2e - 05} \\ \end{array}$	$3e - 05^{+2e-05}_{-1e-05}$	5340
$pow\deformation$			$\mathcal{N} ext{-} ext{deformation}$			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.00925^{+5}_{-0.0034}$	$0.01271_{-0.0027}^{+5}$	$\boldsymbol{2942}$	$0.23992^{+0.03}_{-0.05}$	$0.28403^{+0.022}_{-0.031}$	2619
$t_{\overline{ ext{KS}}}$	$0.00063^{+0.00022}_{-0.00027}$	$0.00092^{\stackrel{\checkmark}{+}\overset{\circ}{0}\overset{\circ}{.}\overset{\circ}{0}\overset{\circ}{0}019}_{-0.00023}$	3365	$0.01024^{+0.003}_{-0.0035}$	$0.01397^{+0.003}_{-0.0031}$	3009
$t_{ m SKS}$	$0.0069^{+0.0014}_{-0.002}$	$0.00915^{+0.0011}_{-0.0014}$	3261	$0.19595^{+0.03}_{-0.043}$	$0.2337^{+0.024}_{-0.03}$	2760
$t_{ m FGD}$	$0.01118^{+0.0027}_{-0.0032}$	$0.01522^{+0.0022}_{-0.0024}$	3767	$0.22616^{+0.025}_{-0.035}$	$0.26573_{-0.02}^{+0.017}$	3056
$t_{ m MMD}$	$0.0054^{+0.0032}_{-0.0024}$	$0.01522^{+0.0022}_{-0.0024} \ 0.00762^{+0.0024}_{-0.0021} \ 0.01522^{+0.0024}_{-0.0021} \ 0.01522^{+0.0024}_{-0.0021}$	4486	$0.5492^{+0.07}_{-0.098}$	$0.65017_{-0.055}^{+0.049}$	3135
$t_{ m LLR}$	$3e - 05^{+1}_{-2e-05}^{+1}_{-05}$	$4e - 05^{+1}_{-2e-05}$	5271	-	-	-
$\mathcal{U}$ -deformation				Timing		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$t^{\text{null}}$ (s)		
$t_{ m FGD}$	$0.39292^{+0.043}_{-0.06}$	$0.46165^{+0.029}_{-0.038}$	2912	1022		
$t_{ m LLR}$	-	-	-	-		
$t_{ m MMD}$	$\begin{array}{c} 0.95249^{+0.13}_{-0.18} \\ 0.33963^{+0.052}_{-0.08} \end{array}$	$1.13574^{+0.077}_{-0.099}$	3196	2276		
$t_{ m SKS}$	$0.33963^{+0.052}_{-0.08}$	$0.4023^{+0.04}_{-0.052}$ $0.49011^{+0.037}_{-0.054}$	2714	397		
$t_{ m SW}$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		2594	302		
$t_{\overline{ ext{KS}}}$	$0.01605^{+0.0043}_{-0.0049}$	$0.02144^{+0.0043}_{-0.0046}$	2920	120		