	$\mu ext{-deformation}$			Σ_{ii} -deformation		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.0705^{+0.029}_{-0.03}$	$0.09728^{+0.028}_{-0.027}$	2879	$0.02552^{+0.0073}_{-0.0093}$	$0.03528^{+0.0065}_{-0.0072}$	3063
$t_{\overline{ ext{KS}}}$	$0.00723^{+0.002}_{-0.0027}$	$0.01001^{+0.0017}$	3020	$0.00268^{+0.00078}_{-0.001}$	$0.00381^{+0.00066}$	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
$t_{ m FGD}$	$\begin{array}{c} -0.021 \\ 0.08351 ^{+0.042}_{-0.035} \\ 0.06823 ^{+0.033}_{-0.030} \end{array}$	$0.0703^{+0.017}_{-0.0021}$ $0.0723^{+0.017}_{-0.018}$ $0.11456^{+0.039}_{-0.032}$	3069	$ \begin{array}{c} -0.02984 \\ -0.0089 \\ 0.01531 \\ -0.0065 \\ \end{array} $	$\begin{array}{c} 0.02765^{+0.0037}_{-0.0043} \\ 0.04052^{+0.0071}_{-0.0069} \\ 0.02118^{+0.0073}_{-0.0059} \end{array}$	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				$\mathrm{pow}_+\text{-}\mathrm{deformation}$		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$ \begin{array}{c c} 0.00979^{+0.0024}_{-0.0034} \\ 1.00292^{+0.00074}_{-0.002} \end{array} $	$0.01341^{+0.0021}_{-0.0025} \\ 1.00384^{+0.00031}_{-0.0011}$	5230	$\begin{array}{c} 0.00885^{+0.0026}_{-0.0032} \\ 0.00063^{+0.00022}_{-0.00027} \end{array}$	$0.01229^{+0.0023}_{-0.0026} \\ 0.00092^{+0.0002}_{-0.00023}$	3289
$t_{\overline{ ext{KS}}}$	$1.00292^{+0.00074}_{-0.002}$	$1.00384^{+0.00031}_{-0.0011}$	5104	$0.00063^{+0.00022}_{-0.00027}$	$0.00092^{+0.0002}_{-0.00023}$	3366
$t_{ m SKS}$	$0.008^{+0.0024}_{-0.003}$	$0.011^{+0.0023}_{-0.0025}$	5344	$0.00669^{+0.0014}_{-0.0019}$	$0.00899^{+0.001}_{-0.0013}$	3252
$t_{ m FGD}$	$0.00439^{+0.001}$	$0.006^{+0.00088}_{-0.0009}$	6723	$0.01094^{+0.0026}_{-0.0032}$	$\begin{array}{c} -0.0023 \\ 0.00899^{+0.001}_{-0.0013} \\ 0.01482^{+0.0021}_{-0.0023} \\ 0.00756^{+0.0022}_{-0.0019} \end{array}$	3782
$t_{ m MMD}$	$0.00909^{+0.0048}_{-0.0041}$	$0.01278_{-0.0037}^{+0.0045}$	6815	$0.00543^{+0.0025}_{-0.0022}$	$0.00756^{+0.0022}_{-0.0019}$	4416
$t_{ m LLR}$	$\begin{array}{c} 0.03468_{-0.0012}^{+0.0012} \\ 0.00909_{-0.0041}^{+0.0048} \\ 0.03468_{-0.015}^{+0.011} \end{array}$	$\begin{array}{c} 1.00304 - 0.0011 \\ 0.011 ^{+0.0023}_{-0.0025} \\ \textbf{0.006} ^{+0.00088}_{-0.0009} \\ 0.01278 ^{+0.0045}_{-0.0037} \\ 0.04283 ^{+0.011}_{-0.011} \end{array}$	7398	$\begin{array}{c} 0.00605_{-0.00027}^{+0.0014} \\ 0.00669_{-0.0019}^{+0.0014} \\ 0.01094_{-0.0032}^{+0.0025} \\ 0.00543_{-0.0022}^{+0.0022} \\ 2e - 05_{-1e-05}^{+2e-05} \end{array}$	$3e - 05^{+2e-05}_{-1e-05}$	5340
$pow\deformation$				$\mathcal{N}\text{-deformation}$		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.00925^{+5}_{-0.0034}$	$0.01271^{+5}_{-0.0027}$	2942	$0.23992^{+0.03}_{-0.05}$	$0.28403^{+0.022}_{-0.031}$	261 9
$\frac{t}{KS}$	$0.00063^{+0.00022}_{-0.00027}$	$0.00092^{+0.00019}_{-0.00023}$	3365	$0.01024^{+0.003}_{-0.0035}$	$0.01397^{+0.003}_{-0.0021}$	3009
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
FGD	$0.01118^{+0.0027}$	$0.01522^{+0.0022}_{-0.0024}$	3767	$0.22616^{+0.025}_{-0.035}$	$0.26573^{+0.017}_{-0.02}$	3056
MMD	$0.0054^{+0.0026}_{-0.0024}$	$0.01522^{+0.0022}_{-0.0024} \ 0.00762^{+0.0024}_{-0.0021}$	4486	$0.5492^{+0.07}_{-0.098}$	$0.65017^{+0.049}_{-0.055}$	3135
LLR	$3e - 05^{+1}_{-2e-05}^{+1}_{-05}$	$4e - 05^{+1}_{-2e-05}$	5271	-	-	-
$\mathcal{U} ext{-} ext{deformation}$				Timing		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	t^{null} (s)		
$t_{ m SW}$	$ \begin{array}{c} 0.414^{+0.054}_{-0.084} \\ \textbf{0.01605}^{+0.0043}_{-0.0049} \\ 0.33963^{+0.052}_{-0.08} \\ 0.39292^{+0.043}_{-0.06} \\ \end{array} $	$\begin{array}{c} 0.49011^{+0.037}_{-0.054} \\ \textbf{0.02144}^{+0.0043}_{-0.0046} \\ 0.4023^{+0.04}_{-0.052} \\ 0.46165^{+0.029}_{-0.038} \\ 1.13574^{+0.077}_{-0.099} \end{array}$	2594	302		
$t_{\overline{ ext{KS}}}$	$0.01605^{+0.0043}_{-0.0049}$	$0.02144_{-0.0046}^{+0.0043}$	2920	120		
$t_{ m SKS}$	$0.33963^{+0.052}_{-0.08}$	$0.4023^{+0.04}_{-0.052}$	2714	397		
FGD	$0.39292^{+0.043}_{-0.06}$	$0.46165_{-0.038}^{+0.029}$	2912	1022		
$t_{ m MMD}$	$0.95249_{-0.18}^{+0.13}$	$1.13574_{-0.099}^{+0.077}$	3196	2276		
$t_{ m LLR}$	-	-	-	_		