	μ -deformation			Σ_{ii} -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.0705^{+0.029}_{-0.03}$	$0.09728^{+0.028}_{-0.027}$	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
$t_{ m FGD}$	$\begin{array}{c} -0.021 \\ 0.08351 ^{+0.042}_{-0.035} \\ 0.06823 ^{+0.033}_{-0.03} \end{array}$	$0.0703^{+0.017}_{-0.0021}$ $0.0723^{+0.017}_{-0.018}$ $0.11456^{+0.039}_{-0.032}$	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} 0.03284^{+0.0083}_{-0.012} \\ 1.00292^{+0.00074}_{-0.002} \end{array} $	$\begin{array}{c} 0.0452^{+0.0072}_{-0.0081} \\ 1.00384^{+0.00031}_{-0.0011} \\ 0.04771^{+0.009}_{-0.01} \\ \textbf{0.01178}^{+0.0016}_{-0.0018} \\ 0.036777^{+0.012}_{-0.0018} \end{array}$	3383	$\begin{array}{c} 0.00885^{+0.0026}_{-0.0032} \\ 0.00063^{+0.00022}_{-0.00027} \end{array}$	$0.01229^{+0.0023}_{-0.0026} \\ 0.00092^{+0.0002}_{-0.00023}$	3289
$t_{\overline{ ext{KS}}}$	$1.00292^{+0.00274}_{-0.002}$	$1.00384_{-0.0011}^{+0.00031}$	3763	$0.00063^{+0.00022}_{-0.00027}$	$0.00092^{+0.0002}_{-0.00023}$	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
$t_{ m FGD}$	$\begin{array}{c} 1.00232_{-0.002} \\ 0.03491_{-0.013}^{+0.011} \\ 0.0086_{-0.0024}^{+0.002} \end{array}$	$0.01178^{+0.0016}_{-0.0018}$	4984	$0.01094^{+0.0026}_{-0.0032}$	$\begin{array}{c} -0.0023 \\ 0.00899^{+0.001}_{-0.0013} \\ 0.01482^{+0.0021}_{-0.0023} \\ 0.00756^{+0.0022}_{-0.0019} \end{array}$	3782
$t_{ m MMD}$	$0.02632_{-0.012}^{+0.013}$	$0.03677^{+0.012}_{-0.01}$	4795	$0.00543^{+0.0025}_{-0.0022}$	$0.00756^{+0.0022}_{-0.0019}$	4416
$t_{ m LLR}$	-	-	_	$\begin{array}{c} 0.00605_{-0.00027}^{+0.0014} \\ 0.00669_{-0.0019}^{+0.0014} \\ 0.01094_{-0.0032}^{+0.0025} \\ 0.00543_{-0.0022}^{+0.0022} \\ 2e - 05_{-1e-05}^{+2e-05} \end{array}$	$3e - 05^{+2e - 05}_{-1e - 05}$	5340
powdeformation				$\mathcal{N} ext{-} ext{deformation}$		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	$t ext{ (s)}$
$t_{ m SW}$	$0.00925^{+5}_{-0.0034}$	$0.01271^{+5}_{-0.0027}$	2942	$0.23992^{+0.03}_{-0.05}$	$0.28403^{+0.022}_{-0.031}$	2619
$t_{\overline{ ext{KS}}}$	$0.00063^{+0.00022}_{-0.00027}$	$0.00092^{+0.00019}_{-0.00023}$	3365	$0.01024^{+0.003}_{-0.0035}$	$0.01397^{+0.003}_{-0.0021}$	3009
$t_{ m SKS}$	$0.0069^{+0.0014}_{-0.002}$	$0.00915^{+0.0011}_{-0.0014}$	3261	$0.19595^{+0.03}_{-0.043}$	$0.2337^{+0.024}_{-0.03}$	2760
$t_{ m FGD}$	$10.01118^{+0.0027}$	$0.01522_{-0.0024}^{+0.0022}$	3767	$0.22616^{+0.025}_{-0.035}$	$0.26573^{+0.017}_{-0.02}$	3056
$t_{ m MMD}$	$0.0054^{+0.0026}_{-0.0024}$	$0.01522^{+0.0022}_{-0.0024} \ 0.00762^{+0.0024}_{-0.0021}$	4486	$0.5492^{+0.07}_{-0.098}$	$0.65017^{+0.049}_{-0.055}$	3135
$t_{ m LLR}$	$3e - 05^{+1e-05}_{-2e-05}$	$4e - 05^{+1}_{-2e-05}$	5271	-	-	-
\mathcal{U} -deformation				Timing		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	t^{null} (s)		
$t_{ m SW}$	$ \begin{array}{c 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		
$t_{ m FGD}$	$0.39292^{+0.043}_{-0.06}$	$0.46165_{-0.038}^{+0.029}$	2912	1022		
$t_{ m MMD}$	$0.95249_{-0.18}^{+0.13}$	$1.13574_{-0.099}^{+0.077}$	3196	2276		
$t_{ m LLR}$	_	_	_	_		