	μ-	deformation	Σ_{ii} -deformation			
Statistic	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.03998^{+0.011}_{-0.013}$	$0.05217^{+0.01}_{-0.012}$	836	$0.01323^{+0.0032}_{-0.0041}$	$0.01718^{+0.0028}_{-0.0032}$	907
$t_{\overline{ ext{KS}}}$	$0.00299^{+0.001}$	$0.00425^{+0.001}_{-0.001}$	915	$0.00071^{+0.00029}_{-0.00028}$	$\begin{array}{c} -0.0032 \\ \textbf{0.00105} + 0.00031 \\ -0.00029 \\ 0.0151 + 0.0016 \\ -0.002 \\ 0.0235 + 0.0033 \\ -0.0039 \end{array}$	1002
$t_{ m SKS}$	$0.0331^{+0.0083}_{-0.0097}$	$0.04324^{+0.0076}_{-0.0082}$	1012	$0.01187^{+0.002}_{-0.0028}$	$0.0151^{+0.0016}_{-0.002}$	1099
$t_{ m FGD}$	$\begin{array}{c} -0.0011 \\ 0.0331^{+0.0083}_{-0.0097} \\ 0.05672^{+0.017}_{-0.018} \\ 0.05034^{+0.011}_{-0.013} \\ \end{array}$	$0.07296^{+0.015}_{-0.015}$	10126	$0.01187^{+0.0028}_{-0.0028} \\ 0.01849^{+0.0042}_{-0.0051}$	$0.0235^{+0.0033}_{-0.0039}$	8804
$t_{ m MMD}$	$0.05034_{-0.013}^{+0.011}$	$0.06423^{+0.0092}_{-0.01}$	9640	$0.0101^{+0.0028}_{-0.003}$	$0.01277^{+0.0026}_{-0.0026}$	9030
$t_{ m LLR}$	$4e - 05^{+2e-05}_{-3e-05}$	$5e - 05^{+3e - 05}_{-2e - 05}$	12683	$1e - 05^{+0}_{-1e-05}$	$1e - 05^{+1e - 05}_{-0}$	13707
$\Sigma_{i \neq j}$ -deformation				pow_+ -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.00391^{+0.0008}_{-0.0011}$	$0.00499^{+0.00071}_{-0.00081} \\ 1.00125^{+0.00021}_{-0.00027}$	14744	$0.00526^{+0.0013}_{-0.0016} \\ 0.00026^{+0.00011}_{-0.00011}$	$0.00684^{+0.0011}_{-0.0013} \\ 0.00039^{+0.00013}_{-0.00012}$	921
$t_{\overline{ ext{KS}}}$	$1.00061^{+0.00085}_{-0.00037}$	$1.00125^{+0.00021}_{-0.00027}$	21022	$0.00026^{+0.00011}_{-0.00011}$	$0.00039^{+0.00013}_{-0.00012}$	1081
$t_{ m SKS}$	$0.0029^{+0.00069}_{-0.00091}$	$0.0038^{+0.00071}_{-0.00069}$	16191	$0.00478^{+0.00081}_{-0.0011}$	0.00605 ± 0.00002	1123
$t_{ m FGD}$	$0.0023^{+0.0005}_{-0.0006}$	$0.0029^{+0.0004}$	30497	$0.00731^{+0.0016}_{-0.0019}$	$0.00933^{+0.0013}_{-0.0015}$	9507
$t_{ m MMD}$	$\begin{array}{c} -0.0056 \\ -0.0015 \\ -0.0015 \\ 0.01403 \\ -0.0055 \\ \end{array}$	$0.00709_{-0.0012}^{+0.0013}$	25476	$0.00365^{+0.001}_{-0.0011}$	$0.00462^{+0.00093}_{-0.00092}$	9688
$t_{ m LLR}$	$0.01403^{+0.0046}_{-0.0055}$	$0.00709_{-0.0012}^{+0.0013} \\ 0.01704_{-0.0049}^{+0.0045}$	26962	0.0_{-0}^{+0}	$\begin{array}{c} 0.00003_{-0.00075} \\ 0.00933_{-0.0015}^{+0.0013} \\ 0.00462_{-0.00092}^{+0.00093} \\ 0.0_{-0}^{+1e-05} \end{array}$	16259
$pow\deformation$			$\mathcal{N} ext{-deformation}$			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$\begin{array}{c c} 0.00536^{+5}_{-0.0016} \\ \textbf{0.00026}^{+0.00011}_{-0.00011} \end{array}$	$0.00698^{+5}_{-0.0013}$ $0.00039^{+0.00013}_{-0.00011}$	717	$0.20881^{+0.023}_{-0.035}$	$0.2389^{+0.017}_{-0.023}$	634
$t_{\overline{ ext{KS}}}$	$0.00026^{+0.00011}_{-0.00011}$	$0.00039^{+0.00013}_{-0.00011}$	1096	$0.0089^{+0.0037}_{-0.0043}$	$0.01341^{+0.0034}_{-0.0038}$	969
$t_{ m SKS}$	$0.0047^{+0.00077}_{-0.0011}$	$0.00595^{+0.00001}$	1128	$0.18004^{+0.021}_{-0.031}$	$0.20733^{+0.018}_{-0.023}$	942
$t_{ m FGD}$	$0.00731^{+0.0016}_{-0.002}$	$0.00937^{+0.0014}_{-0.0015}$	9183	$0.18738^{+0.021}_{-0.020}$	$0.21173_{-0.017}^{+0.016} \\ 0.90321_{-0.068}^{+0.055}$	7138
$t_{ m MMD}$	$\begin{array}{c} -0.0011 \\ 0.00731 + 0.0016 \\ 0.00367 + 0.00095 \\ 0.00367 - 0.001 \end{array}$	$\begin{array}{c} -0.00017 \\ 0.00937 ^{+0.0014} \\ 0.00469 ^{+0.00086} \\ 0.00469 ^{-0.00084} \\ 0.0 ^{-1} \\ 0.0000000000000000000000000000000000$	9701	$0.80488^{+0.074}_{-0.11}$	$0.90321_{-0.068}^{+0.055}$	6223
$t_{ m LLR}$	0.0^{+0}_{-0}	0.0_{-0}^{+1e-05}	15658	-	-	_
\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} 0.36179^{+0.04}_{-0.06} \\ 0.01367^{+0.0059}_{-0.0069} \end{array} $	$0.41391^{+0.029}_{-0.04} \ 0.02063^{+0.0056}_{-0.0059}$	622	381		
$t_{\overline{ ext{KS}}}$	$0.01367^{+0.0059}_{-0.0069}$	$0.02063^{+0.0056}_{-0.0059}$	953	731		
$t_{ m SKS}$	$0.31042^{+0.057}_{-0.056}$	$0.35749^{+0.03}_{-0.038}$ $0.36745^{+0.025}_{-0.033}$	929	903		
$t_{ m FGD}$	$0.32329^{+0.035}_{-0.048}$	$0.36745^{+0.025}_{-0.033}$	6909	13787		
$t_{ m MMD}$	$1.39527^{+0.12}_{-0.19}$	$1.56573_{-0.12}^{+0.096}$	6920	14553		
$t_{ m LLR}$	-	-	-	-		