		model with d = 1	00, q =	·		
	$\mu$ -deformation		$\Sigma_{ii}$ -deformation			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.09504_{-0.028}^{+0.024}$	$\begin{array}{c} 0.12338^{+0.023}_{-0.024} \\ \textbf{0.01207}^{+0.0034}_{-0.0032} \\ 0.10153^{+0.016}_{-0.018} \\ 0.16599^{+0.028}_{-0.028} \end{array}$	648	$0.03044^{+0.0066}_{-0.0084}$	$0.03963^{+0.0061}_{-0.0067}$	711
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} -0.028 \\ 0.00787 + 0.0031 \\ -0.0029 \\ 0.07672 + 0.018 \\ -0.021 \end{array}$	$0.01207_{-0.0032}^{+0.0034}$	1244	$\begin{array}{c} 0.03611_{-0.0084} \\ 0.00217_{-0.00099}^{+0.0011} \\ 0.02687_{-0.0056}^{+0.0041} \\ 0.04142_{-0.012}^{+0.0081} \end{array}$	$\begin{array}{c} 0.00375 \begin{array}{c} +0.0011 \\ -0.0012 \\ 0.0345 \begin{array}{c} +0.0036 \\ -0.004 \\ 0.0345 \end{array} \end{array}$	1389
$t_{ m SKS}$	$0.07672^{+0.018}_{-0.021}$	$0.10153^{+0.016}_{-0.018}$	688	$0.02687^{+0.0041}_{-0.0056}$	$0.0345^{+0.0036}_{-0.004}$	736
$t_{ m FGD}$	$ \begin{array}{c} 0.07672_{-0.021}^{+0.021} \\ 0.13134_{-0.034}^{+0.032} \\ 0.10962_{-0.035}^{+0.028} \end{array} $	$0.16599^{+0.028}_{-0.028}$	2715	$0.04142^{+0.0081}_{-0.01}$	0.0000+0.0067	2955
$t_{ m MMD}$	$0.10962^{+0.028}_{-0.035}$	$0.10399^{+}_{-0.028}$ $0.14183^{+0.023}_{-0.026}$	1350	$0.02117^{+0.007}_{-0.0078}$	$0.05232_{-0.0074}^{+0.0064} \ 0.02757_{-0.0064}^{+0.0062} \ 0.0564$	1536
$t_{ m LLR}$	$9e - 05^{+6e - 05}_{-6e - 05}$	$0.00012^{+6e-05}_{-6e-05}$	3225	$2e - 05^{+1}_{-1}e^{-05}_{-05}$	$2e - 05^{+2e - 05}_{-1e - 05}$	3499
$\Sigma_{i\neq j}$ -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)
$t_{ m SW}$	$0.0091^{+0.0017}_{-0.0022}$	$0.01202^{+0.0015}_{-0.0017}$	13797	$0.01206^{+0.0028}_{-0.0033}$	$0.01579^{+0.0023}_{-0.0028}$	730
$t_{\overline{ ext{KS}}}$	$\begin{array}{c} -0.00249 \\ 1.00146^{+0.00049}_{-1e-05} \\ 0.00682^{+0.0017}_{-0.0019} \end{array}$	$1.00402^{+0.00037}_{-0.0016}$	23745	$0.00084^{+0.00043}_{-0.00041} \\ 0.01088^{+0.0016}_{-0.0021}$	$0.00144^{+0.00041}$	1467
$t_{ m SKS}$	$0.00682^{+0.0017}_{-0.0019}$	$0.0092^{+0.0015}_{-0.0017}$	15424	$0.01088^{+0.0016}_{-0.0021}$	$0.0139^{+0.0013}_{-0.0015}$	773
$t_{ m FGD}$	$0.0052^{+0.001}_{-0.0012}$	$0.00659^{+0.00091}_{-0.0087}$	21170	$0.01638^{+0.0032}_{-0.0039}$	$0.02069^{+0.0027}_{-0.003}$	2488
$t_{ m MMD}$	$0.01244^{+0.0032}$	$0.01609_{-0.003}^{+0.0029} \\ 0.02966_{-0.01}^{+0.0066}$	17784	$0.00761^{+0.0026}_{-0.0028}$	$0.00988^{+0.0023}_{-0.0023}$	1238
$t_{ m LLR}$	$\begin{array}{c c} 0.01211_{-0.0036} \\ 0.0219_{-0.011}^{+0.0092} \end{array}$	$0.02966^{+0.0066}_{-0.01}$	15810	$1e - 05^{+0}_{-1e-05}$	$1e - 05^{+0}_{-1e - 05}$	3842
$pow\deformation$				$\mathcal{N} ext{-deformation}$		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.01253^{+5}_{-0.0032}$	$0.0164^{+5}_{-0.0026}$	653	$0.32495^{+0.033}_{-0.046}$	$0.37663^{+0.025}_{-0.032}$	617
$t_{\overline{ ext{KS}}}$	$0.00086^{+0.00044}_{-0.00043}$	$\begin{array}{c} \textbf{0.00147} + 0.00042 \\ \textbf{0.00147} - 0.00047 \\ 0.01376 + 0.0013 \\ -0.0015 \end{array}$	1542	$0.02563^{+0.0081}$	$0.03668^{+0.0078}$	652
$t_{ m SKS}$	$0.01077^{+0.0016}_{-0.0021}$	$0.01376^{+0.0013}_{-0.0015}$	786	$0.27956^{+0.034}_{-0.043}$	$0.32856^{+0.027}_{-0.033}$	657
$t_{ m FGD}$	$0.01685^{+0.0032}_{-0.0038}$	$0.02139^{+0.0026}$	3221	$0.28803^{+0.027}_{-0.038}$	$0.32529^{+0.021}_{-0.025}$	2636
$t_{ m MMD}$	$\begin{array}{c} 0.01685^{+0.0032}_{-0.0038} \\ 0.00834^{+0.0023}_{-0.0025} \end{array}$	$0.01083^{+0.002}_{-0.002}$	1257	$1.17867^{+0.13}_{-0.19}$	$1.33971_{-0.12}^{-0.023}$	731
$t_{ m LLR}$	$1e - 05^{+0}_{-1e-05}$	$1e - 05^{+0}_{-1e - 05}$	4903	-	-	-
$\mathcal{U}$ -deformation				Timing		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$t^{\text{null}}$ (s)		
$t_{ m SW}$	$0.56347^{+0.054}_{-0.083}$	$0.65308^{+0.044}_{-0.056}$	588	285		
$t_{\overline{ ext{KS}}}$	$0.03885^{+0.012}_{-0.015}$	$0.0555^{+0.011}_{-0.012} \\$	644	511		
$t_{ m SKS}$	$0.48383^{+0.061}_{-0.074}$	$0.56865^{+0.048}_{-0.057}$	631	456		
$t_{ m FGD}$	$0.49924^{+0.046}_{-0.066}$	$0.56381^{+0.036}_{-0.047}$	2515	3225		
$t_{ m MMD}$	$2.02548_{-0.32}^{+0.23}$	$2.31727^{+0.16}_{-0.2}$	1113	665		
$t_{ m LLR}$	-	-	-	-		