		$\frac{\text{Hoder with } \mathbf{d} = \mathbf{z}}{\text{leformation}}$	20, q =	$5$ , and $n = m = \frac{\nabla}{\nabla}$	deformation	
Statistic	1		t (s)	1		t (s)
	$\epsilon_{95\%\mathrm{CL}}$	ε <sub>99%CL</sub>		$\epsilon_{95\%{ m CL}}$	ε <sub>99%CL</sub>	
$t_{ m SW}$	$0.10336^{+0.043}_{-0.05}$	$0.14324^{+0.041}_{-0.042}$	2857	$0.03566^{+0.012}_{-0.016}$	$0.05015^{+0.011}_{-0.012}$	3009
$t_{\overline{ ext{KS}}}$	$0.01015^{+0.0036}_{-0.0047}$	$0.01446^{+0.003}_{-0.0037}$	2986	$0.00383^{+0.0013}_{-0.0018}$	$0.00553^{+0.0011}_{-0.0014} \ 0.03931^{+0.0061}_{-0.0077}$	4100
$t_{ m SKS}$	$0.077^{+0.028}_{-0.035}$	$0.10525^{+0.026}_{-0.028}$	2895	$0.02882^{+0.0073}_{-0.011}$	$0.03931^{+0.0061}_{-0.0077}$	3084
$t_{ m FGD}$	$0.11749^{+0.064}_{-0.065}$	$\begin{array}{c} \textbf{0.11621}_{-0.042}^{-0.042} \\ \textbf{0.01446}_{-0.0037}^{+0.003} \\ \textbf{0.10525}_{-0.028}^{+0.026} \\ \textbf{0.16099}_{-0.051}^{+0.058} \\ \textbf{0.13746}_{-0.041}^{+0.048} \\ \textbf{0.0033}_{-0.0041}^{+0.0003} \end{array}$	2648	$0.03943^{+0.015}_{-0.024}$	$0.03931^{+0.0061}_{-0.0077}$ $0.05428^{+0.012}_{-0.013}$	2802
$t_{ m MMD}$	$0.09451^{+0.053}_{-0.049}$	$0.13746^{+0.048}_{-0.041}$	2986	$0.01941^{+0.014}_{-0.011}$	$0.02836_{-0.0099}^{+0.0199}$	3318
$t_{ m LLR}$	$\begin{array}{c} 0.01616 - 0.0047 \\ 0.077 ^{+0.028}_{-0.035} \\ 0.11749 ^{+0.064}_{-0.065} \\ 0.09451 ^{+0.053}_{-0.049} \\ 0.00045 ^{+0.00029}_{-0.0003} \end{array}$	$0.00063^{+0.0003}_{-0.00029}$	4508	$\begin{array}{c} 0.09300_{-0.016}^{+0.0013} \\ 0.00383_{-0.0018}^{+0.0013} \\ 0.02882_{-0.011}^{+0.0073} \\ 0.03943_{-0.02}^{+0.015} \\ 0.01941_{-0.011}^{+0.014} \\ 0.00019_{-0.00011}^{+0.00011} \end{array}$	$0.00025^{+0.00011}_{-0.00011}$	4775
$\Sigma_{i\neq j}$ -deformation				$\mathrm{pow}_+\text{-}\mathrm{deformation}$		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.04538^{+0.014}_{-0.021}$	$0.06378^{+0.011}_{-0.014}$	3377	$0.01246^{+0.0042}_{-0.0056}$	$0.01744^{+0.0037}_{-0.0043}$	3165
$t_{\overline{ ext{KS}}}$	$1.00339_{-0.0033}^{+0.002}$	$1.00597^{+0.00086}_{-0.0022}$	3500	$0.0009^{+0.00037}_{-0.00045}$	$0.00135^{+0.00036}_{-0.0004}$	3352
$t_{ m SKS}$	$0.04754_{-0.023}^{+0.018}$	$0.06609^{+0.016}_{-0.019}$	3460	$0.00964^{+0.0022}_{-0.0036}$	$0.0128^{+0.0018}_{-0.0023}$	3235
$t_{ m FGD}$	$0.01177^{+0.0039}_{-0.0057}$	$0.01637^{+0.0032}_{-0.0037}$	4588	$0.01467^{+0.0048}_{-0.0071}$	$0.02004_{-0.0045}^{+0.0038}$ $0.01013_{-0.0032}^{+0.0039}$	3053
$t_{ m MMD}$	$0.03683^{+0.022}_{-0.019}$	$0.05299_{-0.016}^{+0.02}$	3815	$0.00694^{+0.0043}_{-0.0028}$	$0.01013^{+0.0039}_{-0.0032}$	3484
$t_{ m LLR}$	-	-	-	$4e - 05^{+2e-05}_{-2e-05}$	$5e - 05^{+3e - 05}_{-2e - 05}$	5090
powdeformation				$\mathcal{N}$ -deformation		
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$\begin{array}{c} 0.01291^{+5}_{-0.0058} \\ \textbf{0.00086} \begin{array}{c} +0.00038 \\ 0.00941 \\ -0.0038 \\ -0.0038 \\ \end{array} \\ 0.005 \end{array}$	$0.01815^{+5}_{-0.0044} \\ 0.00131^{+0.00036}_{-0.00004}$	2868	$\begin{array}{c} 0.28537^{+0.045}_{-0.078} \\ \textbf{0.01343}^{+0.0054}_{-0.0059} \\ 0.23623^{+0.041}_{-0.066} \end{array}$	$\begin{array}{c} 0.34154^{+0.036}_{-0.047} \\ \textbf{0.01949}^{+0.0055}_{-0.0056} \\ 0.28319^{+0.034}_{-0.043} \\ 0.31263^{+0.027}_{-0.037} \\ 0.75933^{+0.072}_{-0.081} \end{array}$	2665
$t_{\overline{ ext{KS}}}$	$0.00086^{+0.00038}_{-0.00044}$	$0.00131_{-0.0004}^{+0.00036}$	3366	$0.01343^{+0.0054}_{-0.0059}$	$0.01949_{-0.0056}^{+0.0055}$	2995
$t_{ m SKS}$	$0.00941^{+0.0025}_{-0.0038}$	$0.01264^{+0.002}_{-0.0026}$	3294	$0.23623^{+0.041}_{-0.066}$	$0.28319_{-0.043}^{+0.034}$	2697
$t_{ m FGD}$	$0.01513^{+0.005}_{-0.0072}$	$0.02076^{+0.004}_{-0.0046}$	3177	$0.26462^{+0.041}_{-0.074}$	$0.31263^{+0.027}_{-0.037}$	2633
$t_{ m MMD}$	$ \begin{array}{c} -0.01513^{+0.005}_{-0.0072} \\ 0.00757^{+0.0046}_{-0.004} \end{array} $	$\begin{array}{c} -0.0004 \\ 0.01264^{+0.002}_{-0.0026} \\ 0.02076^{+0.004}_{-0.0046} \\ 0.01111^{+0.0034}_{-0.0034} \end{array}$	3434	$0.63143_{-0.17}^{-0.074}$	$0.75933^{+0.072}_{-0.081}$	<b>2412</b>
$t_{ m LLR}$	$3e - 05^{+2e-05}_{-2e-05}$	$4e - 05^{+3e - 05}_{-2e - 05}$	5062	-	-	-
$\mathcal{U} ext{-deformation}$					Timing	
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\% ext{CL}}$	t (s)	$t^{\text{null}}$ (s)	-	
$t_{ m FGD}$	$0.45746^{+0.072}_{-0.13}$	$0.54235^{+0.048}_{-0.065}$	2641	550		
$t_{ m LLR}$	_	-0.000	-	_		
$t_{ m MMD}$	$1.09848^{+0.17}_{-0.28}$	$1.32688_{-0.15}^{+0.11}$	2438	272		
tsks	$0.40577_{-0.11}^{-0.23}$	$0.48809^{+0.06}_{-0.075}$	2643	351		
$t_{ m SW}$	$0.49337^{+0.08}_{-0.13}$	$0.58844_{-0.077}^{+0.061}$	2579	276		
$t_{\overline{ ext{KS}}}$	$0.02061^{+0.0077}_{-0.0085}$	$0.02948^{+0.0081}_{-0.008}$	2893	109		