$CG \text{ model with } d = 100 \text{ and } n = m = 10^4$						
	μ -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)
$t_{ m SW}$	$\begin{array}{c} 0.08359^{+0.028}_{-0.034} \\ 0.08229^{+0.027}_{-0.033} \\ 0.08589^{+0.029}_{-0.037} \\ 0.09233^{+0.032}_{-0.033} \\ 0.08589^{+0.032}_{-0.037} \end{array}$	$0.10651^{+0.025}_{-0.028}$	846	$0.03133^{+0.012}_{-0.014}$	$\begin{array}{c} 0.03977^{+0.011}_{-0.012} \\ 0.05039^{+0.014}_{-0.016} \\ 0.05107^{+0.014}_{-0.016} \\ \textbf{0.03664}^{+0.0092}_{-0.0087} \end{array}$	889
$t_{\overline{ ext{KS}}}$	$0.08229_{-0.033}^{+0.027}$	$\begin{array}{c} -0.025 \\ -0.10339^{+0.025}_{-0.028} \\ 0.10945^{+0.026}_{-0.03} \\ 0.11682^{+0.029}_{-0.027} \\ \end{array}$	653	$0.03958^{+0.015}_{-0.018}$	$0.05039_{-0.016}^{+0.014}$	689
$t_{ m SKS}$	$0.08589^{+0.029}_{-0.037}$	$0.10945^{+0.026}_{-0.03}$	942	$0.04009^{+0.015}_{-0.019}$	$0.05107^{+0.014}_{-0.016}$	1027
$t_{ m FGD}$	$0.09233^{+0.032}_{-0.033}$	$0.11682^{+0.029}_{-0.027}$	3410	$0.02875_{-0.011}^{+0.01}$	$0.03664_{-0.0087}^{+0.0092}$	3739
$t_{ m MMD}$	$0.05661^{+0.03}_{-0.026}$	$0.07172^{+0.028}_{-0.024}$	1163	$0.0369^{+0.016}_{-0.016}$	$0.04633^{+0.015}_{-0.014}$	1257
$t_{ m LLR}$	$\begin{array}{c} \textbf{0.05661} \begin{array}{c} -0.03 \\ -0.026 \\ 0.00541 \\ -0.0032 \end{array}$	$0.00768^{+0.0033}_{-0.0032}$	2277	$\begin{array}{c} 0.03195 - 0.014 \\ 0.03958 + 0.015 \\ -0.018 \\ 0.04009 + 0.015 \\ \textbf{0.02875} + \textbf{0.01} \\ 0.0369 + 0.016 \\ 0.00101 + 0.00073 \\ 0.00101 - 0.00071 \\ \end{array}$	$0.03664_{-0.0087}^{+0.0087}$ $0.04633_{-0.014}^{+0.015}$ $0.0015_{-0.00071}^{+0.00073}$	2566
$\Sigma_{i \neq j}$ -deformation			pow_{\perp} -deformation			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\%{ m CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathrm{pow}_{+}}$	t (s)
$t_{ m SW}$	$0.03575^{+0.011}_{-0.016}$	$0.04688^{+0.01}_{-0.013}$	16899	$0.00693^{+0.0024}_{-0.003}$	$0.0088^{+0.0022}_{-0.0024}$	944
$t_{\overline{ ext{KS}}}$	$1.04152^{+0.017}_{-0.023}$	$1.04671^{+0.016}_{-0.011}$	12689	$0.00853^{+0.0028}_{-0.0035}$	$0.01068^{+0.0025}_{-0.0029}$	878
$t_{ m SKS}$	$0.04529^{+0.017}_{-0.022}$	$0.05937^{+0.017}_{-0.018}$	17830	$0.00784^{+0.0026}_{-0.0034}$	$0.00985^{+0.0024}_{-0.0026}$	1109
$t_{ m FGD}$	$0.00356^{+0.00094}_{-0.0012}$	$0.0045^{+0.00081}_{-0.0009}$	21078	$0.00707^{+0.0025}_{-0.0025}$	$0.00898^{+0.0022}_{-0.0021}$	4281
$t_{ m MMD}$	$0.02427^{+0.0086}$	$0.03006^{+0.0082}_{-0.0072}$	15671	$0.00447^{+0.0024}_{-0.0021}$	$0.00569^{+0.0022}_{-0.0019}$	1027
$t_{ m LLR}$	$0.01352^{+0.0085}_{-0.0063}$	$0.01703_{-0.0049}^{-0.0072}$	20116	$0.00038^{+0.00019}_{-0.0002}$	$0.00052^{+0.00019}_{-0.00019}$	2640
powdeformation			$\mathcal{N} ext{-} ext{deformation}$			
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathrm{pow}_{-}}$	t (s)	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathcal{N}}$	t (s)
$t_{ m SW}$	$0.00702^{+5}_{-0.0032}$	$0.00889^{+5}_{-0.0026}$	863	$0.4895^{+0.084}_{-0.13}$	$0.55438^{+0.069}_{-0.087}$	761
$t_{\overline{ ext{KS}}}$	$ \begin{array}{c} 0.00702^{+0.0032}_{-0.0032} \\ 0.00823^{+0.0028}_{-0.0035} \\ 0.00765^{+0.0027}_{-0.0036} \end{array} $	$0.01034^{+0.0025}$	879	$0.55303^{+0.094}_{-0.14}$	$0.6216^{+0.083}_{-0.098}$	705
$t_{ m SKS}$	$0.00765^{+0.0027}_{-0.0036}$	$0.00961^{+0.0024}_{-0.0028}$	1120	$0.53076^{+0.092}_{-0.16}$	$0.60111^{+0.075}_{-0.1}$	898
$t_{ m FGD}$	$0.00686^{+0.0026}_{-0.0026}$	$0.00886^{+0.0023}_{-0.0023}$	4380	$0.23754^{+0.029}_{-0.045}$	$0.26842_{-0.03}^{+0.023}$	3350
$t_{ m MMD}$	-0.0023	$0.00664^{+0.0022}_{-0.0018}$	1039	$1.21562^{+0.16}_{-0.25}$	$1.35657_{-0.16}^{+0.13}$	803
$t_{ m LLR}$	$\begin{array}{c} 0.00537_{-0.002} \\ 0.00033_{-0.0002}^{+0.00019} \end{array}$	$0.00047^{+0.00019}_{-0.0002}$	2712	-	-	-
$\mathcal{U} ext{-} ext{deformation}$			Timing			
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}^{\mathcal{U}}$	t (s)	t^{null} (s)		
$t_{ m FGD}$	$0.41168^{+0.048}_{-0.076}$	$0.4652^{+0.039}_{-0.051}$	3227	5381		
$t_{ m LLR}$	-	-	-	-		
$t_{ m MMD}$	$2.08745^{+0.3}_{-0.41}$	$2.34223^{+0.24}_{-0.27}$	747	633		
$t_{ m SKS}$	$0.91554^{+0.16}_{-0.25}$	$1.04113^{+0.13}_{-0.19}$	879	468		
$t_{ m SW}$	$0.84895^{+0.14}_{-0.22}$	$1.04113^{+0.13}_{-0.19}$ $0.96147^{+0.12}_{-0.15}$	715	275		
$t_{\overline{ ext{KS}}}$	$0.95234_{-0.24}^{+0.17}$	$\begin{array}{c} 0.96147^{+0.12}_{-0.15} \\ 1.07042^{+0.14}_{-0.17} \end{array}$	680	491		