MoG model with $d = 20$, $q = 5$, and $n = m = 10^5$						
μ -deformation μ -deformation Σ_{ii} -deformation						
Statistic			t (s)	1		+ (c)
Statistic	ε _{95%CL}	€99%CL		ε _{95%CL}	€99%CL	t (s)
$t_{ m SW}$	$0.03313^{+0.013}_{-0.014}$	$0.04474^{+0.012}_{-0.013}$	2949	$0.01198^{+0.0033}_{-0.0043}$	$0.01611^{+0.0031}_{-0.0034}$	3129
$t_{\overline{\mathrm{KS}}}$	$0.00336^{+0.00093}_{-0.0012}$	$0.00457^{+0.0008}_{-0.00092}$	3047	$0.00123^{+0.00035}_{-0.00047}$	$0.00169^{+0.00029}_{-0.00036}$	3163
$t_{ m SKS}$	$0.02413^{+0.0082}_{-0.0095}$	$0.03295^{+0.0076}_{-0.0081}$	3089	$0.0094^{+0.002}_{-0.0029}$	$0.01256^{+0.0017}_{-0.002}$	3211
$t_{\rm FGD}$	$0.03818^{+0.018}_{-0.016}$	$0.05241^{+0.017}_{-0.014}$	5730	$0.01349_{-0.0047}^{+0.004}$	$0.01827^{+0.0034}_{-0.0035}$	5971
$t_{ m MMD}$	$0.03221^{+0.012}_{-0.011}$	$0.04404^{+0.011}_{-0.0098}$	11685	$0.00667^{+0.0033}_{-0.0027}$	$0.00928^{+0.0031}_{-0.0025}$	12637
$t_{ m NPLM}$	$\begin{array}{c} 0.0043^{+0.0012}_{-0.0014} \\ 0.00223^{+0.00066}_{-0.00087} \end{array}$	$0.00524^{+0.001}_{-0.0012}$	25454	$0.00103^{+0.00029}_{-0.00033}$	$\begin{array}{c} 0.00125_{-0.00025}^{+0.00025} \\ 0.00125_{-0.00027}^{+0.00026} \\ 0.00092_{-0.00023}^{+0.00018} \end{array}$	42043
$t_{ m NPLM}$	$0.00223^{+0.00066}_{-0.00087}$	$0.00265^{+0.00059}_{-0.00069}$	49672	$0.00077^{+0.00021}_{-0.00028}$	$0.00092^{+0.00018}_{-0.00023}$	51618
$t_{ m LLR}$	$0.00223_{-0.00087} \\ 0.00014_{-9e-05}^{+0.0001}$	$0.00265_{-0.00069}^{+0.00069} \\ 0.00021_{-9e-05}^{+0.0001}$	9362	$\begin{array}{c} 0.00077_{-0.00028} \\ 5e - 05_{-3e-05}^{+4e-05} \end{array}$	$7e - 05^{+4e - 05}_{-3e - 05}$	7986
$\Sigma_{i\neq j}$ -deformation pow ₊ -deformation						
Statistic	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.01488^{+0.0037}_{-0.0054}$	$0.01998^{+0.0032}_{-0.0039}$	3497	$0.00416^{+0.0012}_{-0.0015}$	$0.00561^{+0.001}_{-0.0012}$	3284
$t_{\overline{ ext{KS}}}$	$1.00159_{-0.0012}^{+0.00012}$	$1.00183^{+0.00024}_{-0.00055}$	3998	$0.00029^{+9e-05}_{-0.00012}$	$0.00041^{+9e-05}_{-0.001}$	3555
$t_{ m SKS}$	$0.0157^{+0.0051}_{-0.0064}$	$0.02125^{+0.0048}_{-0.0052}$	3704	$0.00306^{+0.00062}_{-0.00089}$	$0.00405^{+0.00049}_{-0.0006}$	3412
$t_{ m FGD}$	$0.0038^{+0.00091}_{-0.0012}$	$0.0051_{-0.00081}^{+0.0032}$	8033	$0.00494^{+0.0013}_{-0.0016}$	$0.00667^{+0.0011}_{-0.0011}$	5958
$t_{ m MMD}$	$0.01272^{+0.005}_{-0.0044}$	$0.01711^{+0.0048}_{-0.004}$	13426	$0.00241^{+0.001}_{-0.00091}$	$0.00333^{+0.00094}_{-0.00082}$	13310
$t_{ m NPLM}$	$0.001^{+0.0002}_{-0.00037}$	$0.0012^{+0.0002}_{-0.0003}$	32501	$0.00039^{+0.00011}_{-0.00013}$	$\begin{array}{c} -0.00082 \\ 0.00047 \begin{array}{c} +9e - 05 \\ -0.0001 \\ 0.00024 \begin{array}{c} +5e - 05 \\ -6e - 05 \end{array} \end{array}$	40489
$t_{ m NPLM}$	$0.0008^{+0.0003}_{-0.00033}$	$0.001^{+0.0003}_{-0.0003}$	58565	0.0000+6e-05	$0.00024^{+5e-05}_{-6e-05}$	56512
$t_{ m LLR}$	-	-	-	$ \begin{array}{c c} 0.0002_{-7e-05} \\ 1e - 05_{-1e-05}^{+1e-05} \end{array} $	$2e - 05^{+0}_{-1e-05}$	8742
powdeformation				\mathcal{N} -deformation		
Statistic	$\epsilon_{95\%\mathrm{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)	$\epsilon_{95\% ext{CL}}$	$\epsilon_{99\%\mathrm{CL}}$	t (s)
$t_{ m SW}$	$0.00419^{+0.0012}_{-0.0015}$	$0.00567^{+0.0011}_{-0.0012}$	3291	$0.16001^{+0.02}_{-0.031}$	$0.18547^{+0.016}_{-0.019}$	2607
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$0.00041^{+0.0001}$	3549	\mid 0.00509 ± 0.0015	$0.00757^{+0.0014}_{-0.0015}$	3131
$t_{\overline{ ext{KS}}}$ $t_{ ext{SKS}}$	$-0.00301^{+0.00067}$	0.00308 ± 0.00056	3447	0.13104 + 0.019	$0.15417^{+0.015}_{-0.02}$	2786
$t_{ m FGD}$	0.00488 + 0.0013	$0.00669^{+0.0011}$	5693	0.15030+0.017	$0.17553^{+0.012}$	4625
	$\begin{array}{c c} 0.00485_{-0.0016} \\ 0.00257_{-0.00091}^{+0.001} \end{array}$	0.00340 + 0.00096	13333	0.37231 + 0.04	0.42454 + 0.03	9278
$t_{ m MMD}$		$0.00349_{-0.00081} \\ 0.00047_{-0.0001}^{+0.0001}$	26892	0.07464 + 0.01	$0.43434_{-0.033}$ $0.08382_{-0.011}^{+0.0076}$	23292
$t_{\rm NPLM}$	+ - 6 e - 05	0.00025^{+5e-05}	55734	$0.07404_{-0.014}$ $0.04446_{-0.012}^{+0.0071}$	$0.04923^{+0.0058}_{-0.0078}$	39500
$t_{ m NPLM} \ t_{ m LLR}$	$1e - 05^{+1e-05}$	$2e - 05^{+0}_{-1e-05}$	8857	- 0.04440 _{-0.012}	0.04920 _{-0.0078}	33300
^t LLR			0001			
\mathcal{U} -deformation Statistic $\epsilon_{95\%CL}$ $\epsilon_{99\%CL}$ t (s)			Timing t^{null} (s)			
Statistic	$\epsilon_{95\%\mathrm{CL}}$	€99%CL	t (s)			
$t_{ m SW}$	$0.27854^{+0.033}_{-0.055}$	$0.32293^{+0.025}_{-0.035}$	2497	384		
$t_{\overline{ ext{KS}}}$	$0.00979^{+0.0023}_{-0.0028}$	$0.01236^{+0.0019}_{-0.0023}$	2980	321		
$t_{ m SKS}$	$ 0.22648^{+0.032}_{-0.049} $	$0.26646^{+0.020}_{-0.034}$	2674	721		
$t_{ m FGD}$	$0.26002^{+0.035}_{-0.046}$	$0.30348^{+0.021}_{-0.026}$	4428	5139		
$t_{ m MMD}$	$0.64451^{+0.068}_{-0.094}$	$0.75224_{-0.053}^{+0.053}$	9043	16625		
$t_{ m NPLM}$	$0.1286^{+0.019}_{-0.025}$	$0.14441^{+0.013}_{-0.018}$	22599	35063		
$t_{ m NPLM}$	$0.07712_{-0.02}^{+0.012}$	$0.08539^{+0.01}_{-0.013}$	38015	69407		
$t_{ m LLR}$	-	-	-	-		