

MoG model with d = 5, q = 3, and n = m = 2 · 10 ⁴						
μ-deformation				Σ _{ii} -deformation		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	ϵ _{95%CL}	ϵ _{99%CL}	t (s)
t _{SW}	0.06429 ^{+0.021} _{-0.021}	0.08858 ^{+0.021} _{-0.02}	1309	0.02167 ^{+0.0065} _{-0.0076}	0.03029 ^{+0.0061} _{-0.0067}	1429
t _{KS}	0.00323^{+0.0012}_{-0.0013}	0.00453^{+0.0011}_{-0.0012}	1306	0.00187^{+0.00049}_{-0.00058}	0.00247^{+0.00044}_{-0.00049}	1364
t _{SKS}	0.03829 ^{+0.013} _{-0.013}	0.05211 ^{+0.013} _{-0.012}	1567	0.01144 ^{+0.0027} _{-0.0035}	0.01578 ^{+0.0024} _{-0.0026}	1687
t _{FGD}	0.07491 ^{+0.041} _{-0.029}	0.10089 ^{+0.039} _{-0.028}	1266	0.02357 ^{+0.0063} _{-0.007}	0.03187 ^{+0.0055} _{-0.0054}	1324
t _{MMD}	0.04409 ^{+0.023} _{-0.016}	0.05957 ^{+0.022} _{-0.016}	1908	0.01045 ^{+0.0043} _{-0.0036}	0.01406 ^{+0.004} _{-0.0033}	2122
t _{NPLM}	0.00669 ^{+0.002} _{-0.0022}	0.00806 ^{+0.0018} _{-0.0018}	9080	0.00152 ^{+0.0005} _{-0.00052}	0.00183 ^{+0.00047} _{-0.00045}	9731
t _{LLR}	0.00054 ^{+0.00031} _{-0.00031}	0.00074 ^{+0.00031} _{-0.00031}	3525	0.00017 ^{+0.00012} _{-0.00013}	0.00025 ^{+0.00012} _{-0.00012}	3833
Σ _{i≠j} -deformation				pow ₊ -deformation		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	ϵ _{95%CL}	ϵ _{99%CL}	t (s)
t _{SW}	0.04196 ^{+0.01} _{-0.013}	0.05788 ^{+0.0086} _{-0.0098}	1424	0.01344 ^{+0.0038} _{-0.0045}	0.01867 ^{+0.0035} _{-0.0038}	1457
t _{KS}	1.0022 ^{+0.0012} _{-0.00086}	1.00256 ^{+0.00025} _{-0.0003}	1435	0.00225^{+0.00067}_{-0.00076}	0.00301^{+0.00069}_{-0.00066}	1387
t _{SKS}	0.04004 ^{+0.012} _{-0.015}	0.05432 ^{+0.011} _{-0.013}	1654	0.00744 ^{+0.0016} _{-0.0021}	0.01008 ^{+0.0014} _{-0.0015}	1731
t _{FGD}	0.01634^{+0.0042}_{-0.005}	0.02285^{+0.0041}_{-0.0037}	1797	0.01441 ^{+0.004} _{-0.0041}	0.01943 ^{+0.0036} _{-0.0033}	1379
t _{MMD}	0.03119 ^{+0.015} _{-0.014}	0.04401 ^{+0.013} _{-0.012}	2310	0.00603 ^{+0.0027} _{-0.0021}	0.00804 ^{+0.0025} _{-0.002}	2103
t _{NPLM}	0.0024 ^{+0.00094} _{-0.0009}	0.00294 ^{+0.0009} _{-0.00077}	13000	0.00099 ^{+0.00033} _{-0.00033}	0.00121 ^{+0.00029} _{-0.0003}	10454
t _{LLR}	-	-	-	0.00029 ^{+0.00016} _{-0.00016}	0.00039 ^{+0.00017} _{-0.00016}	3512
pow ₋ -deformation				N-deformation		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	ϵ _{95%CL}	ϵ _{99%CL}	t (s)
t _{SW}	0.01322 ^{+0.0042} _{-0.0048}	0.01865 ^{+0.0038} _{-0.0041}	1443	0.21144 ^{+0.028} _{-0.04}	0.25259 ^{+0.02} _{-0.027}	1202
t _{KS}	0.00223^{+0.00071}_{-0.00076}	0.003^{+0.00065}_{-0.0007}	1404	0.00728^{+0.0012}_{-0.0015}	0.00877^{+0.0012}_{-0.0013}	1332
t _{SKS}	0.00721 ^{+0.002} _{-0.0024}	0.00984 ^{+0.0017} _{-0.0019}	1755	0.14872 ^{+0.025} _{-0.032}	0.17799 ^{+0.019} _{-0.023}	1488
t _{FGD}	0.01351 ^{+0.0046} _{-0.0051}	0.01876 ^{+0.0042} _{-0.0041}	1404	0.24435 ^{+0.028} _{-0.04}	0.2852 ^{+0.02} _{-0.024}	1103
t _{MMD}	0.00523 ^{+0.0029} _{-0.0024}	0.00739 ^{+0.0027} _{-0.0023}	3255	0.3198 ^{+0.042} _{-0.053}	0.37039 ^{+0.037} _{-0.037}	1712
t _{NPLM}	0.00102 ^{+0.00035} _{-0.00035}	0.00123 ^{+0.00031} _{-0.00031}	10343	0.09097 ^{+0.015} _{-0.018}	0.1014 ^{+0.011} _{-0.014}	7797
t _{LLR}	0.00026 ^{+0.00016} _{-0.00017}	0.00039 ^{+0.00016} _{-0.00016}	3594	-	-	-
U-deformation				Timing		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	t ^{null} (s)		
t _{SW}	0.3659 ^{+0.046} _{-0.07}	0.43228 ^{+0.037} _{-0.044}	1169	289		
t _{KS}	0.01199^{+0.002}_{-0.0022}	0.0143^{+0.0019}_{-0.0019}	1313	42		
t _{SKS}	0.2538 ^{+0.042} _{-0.054}	0.30376 ^{+0.032} _{-0.04}	1434	392		
t _{FGD}	0.4208 ^{+0.05} _{-0.07}	0.49461 ^{+0.036} _{-0.043}	1053	637		
t _{MMD}	0.55193 ^{+0.079} _{-0.085}	0.64396 ^{+0.059} _{-0.064}	1542	1276		
t _{NPLM}	0.15644 ^{+0.027} _{-0.031}	0.17438 ^{+0.019} _{-0.025}	7672	11856		
t _{LLR}	-	-	-	-		