

CG model with d = 20 and n = m = 10 ⁵						
μ-deformation				Σ _{ii} -deformation		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	ϵ _{95%CL}	ϵ _{99%CL}	t (s)
t _{SW}	0.03129 ^{+0.017} _{-0.017}	0.04371 ^{+0.017} _{-0.016}	639	0.01426 ^{+0.005} _{-0.0059}	0.01917 ^{+0.0048} _{-0.0048}	665
t _{KS}	0.03141 ^{+0.016} _{-0.015}	0.04347 ^{+0.015} _{-0.015}	460	0.01967 ^{+0.0071} _{-0.0077}	0.02735 ^{+0.0066} _{-0.007}	472
t _{SKS}	0.03135 ^{+0.016} _{-0.016}	0.04314 ^{+0.016} _{-0.015}	769	0.018 ^{+0.0065} _{-0.0075}	0.02411 ^{+0.0063} _{-0.0064}	782
t _{FGD}	0.03111^{+0.021}_{-0.017}	0.04221^{+0.019}_{-0.016}	4255	0.01186^{+0.0054}_{-0.005}	0.01569^{+0.0048}_{-0.0044}	4335
t _{MMD}	0.04025 ^{+0.025} _{-0.019}	0.05607 ^{+0.023} _{-0.018}	9663	0.01562 ^{+0.01} _{-0.0074}	0.02173 ^{+0.0094} _{-0.0071}	10030
t _{LLR}	0.00359 ^{+0.0024} _{-0.0024}	0.00499 ^{+0.0024} _{-0.0024}	4610	0.00121 ^{+0.0007} _{-0.00069}	0.00169 ^{+0.00069} _{-0.0007}	5014
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}	0.01982 ^{+0.0057} _{-0.0078}	0.02792 ^{+0.0047} _{-0.0054}	1111	0.00297 ^{+0.0014} _{-0.0015}	0.00412 ^{+0.0013} _{-0.0013}	704
t _{KS}	1.0196 ^{+0.0058} _{-0.0057}	1.0239 ^{+0.013} _{-0.0025}	1498	0.00399 ^{+0.0016} _{-0.0017}	0.00538 ^{+0.0014} _{-0.0015}	508
t _{SKS}	0.02657 ^{+0.0082} _{-0.01}	0.03653 ^{+0.0075} _{-0.0084}	1283	0.00327 ^{+0.0013} _{-0.0015}	0.00437 ^{+0.0013} _{-0.0013}	837
t _{FGD}	0.00341^{+0.0008}_{-0.0011}	0.0044^{+0.0008}_{-0.00082}	4892	0.00271 ^{+0.0015} _{-0.0014}	0.00361 ^{+0.0014} _{-0.0011}	3416
t _{MMD}	0.02162 ^{+0.014} _{-0.0097}	0.03066 ^{+0.013} _{-0.0099}	11100	0.00241^{+0.0016}_{-0.0012}	0.00337^{+0.0015}_{-0.0011}	11029
t _{LLR}	-	-	-	0.00029 ^{+0.00017} _{-0.00017}	0.00041 ^{+0.00017} _{-0.00016}	5378
pow ₋ -deformation				N-deformation		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	ϵ _{95%CL}	ϵ _{99%CL}	t (s)
t _{SW}	0.00332 ⁺⁵ _{-0.0012}	0.00448 ⁺⁵ _{-0.00099}	636	0.2383 ^{+0.041} _{-0.058}	0.2828 ^{+0.032} _{-0.039}	527
t _{KS}	0.00427 ^{+0.0013} _{-0.0014}	0.00565 ^{+0.0013} _{-0.0012}	502	0.26557 ^{+0.046} _{-0.062}	0.31516 ^{+0.036} _{-0.044}	418
t _{SKS}	0.00361 ^{+0.0011} _{-0.0012}	0.0047 ^{+0.0011} _{-0.001}	826	0.23289 ^{+0.042} _{-0.057}	0.27403 ^{+0.034} _{-0.041}	672
t _{FGD}	0.00296 ^{+0.0012} _{-0.001}	0.0039 ^{+0.0011} _{-0.00093}	3369	0.14094^{+0.018}_{-0.027}	0.16127^{+0.013}_{-0.016}	2623
t _{MMD}	0.00241^{+0.0016}_{-0.0011}	0.0034^{+0.0015}_{-0.0011}	11032	0.60915 ^{+0.1} _{-0.12}	0.71813 ^{+0.08} _{-0.08}	7611
t _{LLR}	0.00031 ^{+0.00016} _{-0.00017}	0.00043 ^{+0.00016} _{-0.00017}	5381	-	-	-
U-deformation				Timing		
Statistic	ϵ _{95%CL}	ϵ _{99%CL}	t (s)	t ^{null} (s)		
t _{SW}	0.41249 ^{+0.072} _{-0.1}	0.49115 ^{+0.057} _{-0.069}	515	358		
t _{KS}	0.45649 ^{+0.083} _{-0.1}	0.54354 ^{+0.064} _{-0.073}	402	224		
t _{SKS}	0.40164 ^{+0.076} _{-0.096}	0.47562 ^{+0.061} _{-0.07}	663	702		
t _{FGD}	0.24366^{+0.031}_{-0.046}	0.27881^{+0.023}_{-0.027}	2511	6325		
t _{MMD}	1.06239 ^{+0.16} _{-0.22}	1.24837 ^{+0.14} _{-0.14}	8273	16601		
t _{LLR}	-	-	-	-		