| | μ -deformation | | | Σ_{ii} -deformation | | |
|----------------------------------|---|-------------------------------------|-------|---------------------------------|--------------------------------|-------|
| Statistic | $\epsilon_{95\%	ext{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) | $\epsilon_{95\%	ext{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) |
| SW | $0.07086^{+0.034}_{-0.031}$ | $0.09763^{+0.033}_{-0.03}$ | 496 | $0.03243^{+0.0098}_{-0.01}$ | $0.04336^{+0.0093}_{-0.0091}$ | 525 |
| KS | $0.06957^{+0.034}_{-0.032}$ | $0.09504^{+0.032}_{-0.032}$ | 366 | $0.04632_{-0.015}^{+0.015}$ | $0.06199^{+0.014}_{-0.014}$ | 387 |
| SKS | $0.0699^{+0.033}_{-0.031}$ | $0.09548^{+0.032}_{-0.03}$ | 579 | $0.04131_{-0.014}^{+0.013}$ | $0.05484^{+0.012}_{-0.012}$ | 620 |
| FGD | $0.07185^{+0.041}_{-0.032}$ | $0.09756^{+0.038}_{-0.03}$ | 1094 | $0.0269^{+0.01}_{-0.0088}$ | $0.03574^{+0.0091}_{-0.0081}$ | 1179 |
| MMD | $0.08449^{+0.064}_{-0.049}$ | $0.11846^{+0.06}_{-0.045}$ | 1574 | $0.03081^{+0.026}_{-0.018}$ | $0.04364^{+0.024}_{-0.017}$ | 1679 |
| LLR | $0.01053^{+0.0046}_{-0.0046}$ | $0.01415^{+0.0045}_{-0.0047}$ | 1306 | $0.00253^{+0.0013}_{-0.0014}$ | $0.00353_{-0.0014}^{+0.0013}$ | 1504 |
| $\Sigma_{i \neq j}$ -deformation | | | | pow_+ -deformation | | |
| Statistic | $\epsilon_{95\%\mathrm{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) | $\epsilon_{95\%\mathrm{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) |
| SW | $0.04358^{+0.011}_{-0.013}$ | $0.06168^{+0.0092}_{-0.01}$ | 1024 | $0.00681^{+0.0027}_{-0.0027}$ | $0.00928^{+0.0025}_{-0.0025}$ | 566 |
| KS | $1.04753_{-0.016}^{+0.011}$ | $1.06042_{-0.011}^{-0.017}$ | 1376 | $0.00901_{-0.0034}^{-0.0027}$ | $0.01206^{+0.003}_{-0.0032}$ | 422 |
| SKS | $0.05959_{-0.02}^{+0.016}$ | $0.08015_{-0.016}^{+0.015}$ | 1128 | $0.00745^{+0.0027}_{-0.0029}$ | $0.0099^{+0.0025}_{-0.0026}$ | 632 |
| FGD | $\left \; 0.00749^{+0.0018}_{-0.0019} \; ight $ | $0.01011^{+0.0016}_{-0.0017}$ | 2468 | $0.00623^{+0.003}_{-0.0025}$ | $0.00837^{+0.0027}_{-0.0023}$ | 1085 |
| MMD | $0.05154^{+0.032}_{-0.023}$ | $0.07052^{+0.032}_{-0.022}$ | 2534 | $0.00488^{+0.0042}_{-0.0029}$ | $0.00687^{+0.0039}_{-0.0027}$ | 1853 |
| LLR | - | - | - | $0.00069^{+0.0004}_{-0.0004}$ | $0.00098^{+0.00039}_{-0.0004}$ | 1628 |
| powdeformation | | | | $\mathcal{N}	ext{-deformation}$ | | |
| Statistic | $\epsilon_{95\%	ext{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) | $\epsilon_{95\%\mathrm{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) |
| SW | $0.00748^{+5}_{-0.0026}$ | $0.01003^{+5}_{-0.0024}$ | 513 | $0.36054_{-0.063}^{+0.048}$ | $0.42418^{+0.041}_{-0.045}$ | 472 |
| \overline{KS} | $0.00946^{+0.003}_{-0.0031}$ | $0.01227^{+0.0029}_{-0.0028}$ | 418 | $0.40421_{-0.079}^{-0.003}$ | $0.47653^{+0.053}_{-0.058}$ | 353 |
| SKS | $0.00803^{+0.0027}_{-0.0029}$ | $0.01046^{+0.0025}_{-0.0026}$ | 635 | $0.35347_{-0.07}^{+0.055}$ | $0.41869_{-0.056}^{+0.042}$ | 519 |
| FGD | $0.0067^{+0.0027}_{-0.0023}$ | $0.00886^{+0.0025}_{-0.0021}$ | 1090 | $0.21348^{+0.022}_{-0.02}$ | $0.24723^{+0.014}_{-0.019}$ | 850 |
| MMD | $0.00568^{+0.0037}_{-0.0025}$ | $0.00784^{+0.0036}_{-0.0025}$ | 1925 | $0.87964_{-0.23}^{+0.19}$ | $1.04846^{+0.14}_{-0.15}$ | 1413 |
| LLR | $0.00061^{+0.0004}_{-0.0004}$ | $0.0009^{+0.00039}_{-0.0004}$ | 1652 | - | - | - |
| $\mathcal{U}	ext{-deformation}$ | | | | Timing | | |
| Statistic | $\epsilon_{95\%	ext{CL}}$ | $\epsilon_{99\%\mathrm{CL}}$ | t (s) | t^{null} (s) | | |
| SW | $0.62405^{+0.086}_{-0.1}$ | $0.73669^{+0.072}_{-0.076}$ | 458 | 276 | | |
| $\overline{	ext{KS}}$ | $0.69433^{+0.11}_{-0.13}$ | $0.8144^{+0.099}_{-0.1}$ | 337 | 108 | | |
| SKS | $0.61401^{+0.092}_{-0.12}$ | $0.72149^{+0.078}_{-0.092}$ | 505 | 398 | | |
| FGD | $0.37006^{+0.038}_{-0.053}$ | $0.42858\substack{+0.025 \ -0.033}$ | 812 | 1150 | | |
| MMD | $1.53597^{+0.32}_{-0.42}$ | $1.81389^{+0.26}_{-0.27}$ | 1386 | 2284 | | |
| LLR | - | | _ | _ | | |