**CG model with d = 5 and n = m = 2·10⁴**

μ-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.06637^{+0.032}_{-0.029}$ | $0.09067^{+0.03}_{-0.029}$ | **508** |
| $t_{\overline{\text{KS}}}$ | $\mathbf{0.0604^{+0.028}_{-0.028}}$ | $\mathbf{0.0788^{+0.026}_{-0.027}}$ | 536 |
| $t_{\text{SKS}}$ | $0.06935^{+0.033}_{-0.032}$ | $0.09308^{+0.032}_{-0.032}$ | 982 |
| $t_{\text{FGD}}$ | $0.06444^{+0.04}_{-0.03}$ | $0.08946^{+0.036}_{-0.028}$ | 533 |
| $t_{\text{MMD}}$ | $0.08197^{+0.055}_{-0.036}$ | $0.11263^{+0.052}_{-0.036}$ | 1114 |
| $t_{\text{LLR}}$ | $0.01986^{+0.013}_{-0.013}$ | $0.02935^{+0.013}_{-0.013}$ | 1465 |

$\Sigma_{ii}$-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.02563^{+0.0081}_{-0.0084}$ | $0.03543^{+0.0079}_{-0.0076}$ | **547** |
| $t_{\overline{\text{KS}}}$ | $0.04739^{+0.014}_{-0.016}$ | $0.0626^{+0.013}_{-0.014}$ | 572 |
| $t_{\text{SKS}}$ | $0.03556^{+0.011}_{-0.012}$ | $0.0483^{+0.01}_{-0.01}$ | 1062 |
| $t_{\text{FGD}}$ | $\mathbf{0.02066^{+0.0095}_{-0.0076}}$ | $\mathbf{0.02862^{+0.0088}_{-0.0074}}$ | 565 |
| $t_{\text{MMD}}$ | $0.02366^{+0.016}_{-0.011}$ | $0.03246^{+0.015}_{-0.011}$ | 1212 |
| $t_{\text{LLR}}$ | $0.0044^{+0.0026}_{-0.0026}$ | $0.00639^{+0.0026}_{-0.0025}$ | 1357 |

$\Sigma_{i\neq j}$-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.03062^{+0.0071}_{-0.0085}$ | $0.04408^{+0.0063}_{-0.007}$ | 969 |
| $t_{\overline{\text{KS}}}$ | $1.04761^{+0.013}_{-0.015}$ | $1.06418^{+0.013}_{-0.014}$ | **837** |
| $t_{\text{SKS}}$ | $0.04058^{+0.01}_{-0.013}$ | $0.05559^{+0.01}_{-0.011}$ | 1124 |
| $t_{\text{FGD}}$ | $\mathbf{0.00778^{+0.0023}_{-0.0021}}$ | $\mathbf{0.01094^{+0.0018}_{-0.0017}}$ | 1324 |
| $t_{\text{MMD}}$ | $0.04776^{+0.028}_{-0.02}$ | $0.06485^{+0.025}_{-0.019}$ | 1723 |
| $t_{\text{LLR}}$ | $0.0342^{+0.014}_{-0.017}$ | $0.04471^{+0.01}_{-0.015}$ | 2711 |

$\text{pow}_+$-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon^{\text{pow}_+}_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.00648^{+0.003}_{-0.0027}$ | $0.0091^{+0.0029}_{-0.0028}$ | **581** |
| $t_{\overline{\text{KS}}}$ | $0.00947^{+0.0033}_{-0.0037}$ | $0.01206^{+0.0032}_{-0.0033}$ | 607 |
| $t_{\text{SKS}}$ | $0.00731^{+0.003}_{-0.0031}$ | $0.00962^{+0.0029}_{-0.0029}$ | 1091 |
| $t_{\text{FGD}}$ | $0.00554^{+0.0034}_{-0.0025}$ | $0.00773^{+0.0031}_{-0.0024}$ | 614 |
| $t_{\text{MMD}}$ | $\mathbf{0.00446^{+0.003}_{-0.002}}$ | $\mathbf{0.00612^{+0.0029}_{-0.002}}$ | 1308 |
| $t_{\text{LLR}}$ | $0.00161^{+0.001}_{-0.001}$ | $0.00228^{+0.001}_{-0.001}$ | 1490 |

$\text{pow}_-$-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon^{\text{pow}_-}_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.00714^{+10}_{-0.0025}$ | $0.00976^{+10}_{-0.0025}$ | **526** |
| $t_{\overline{\text{KS}}}$ | $0.00938^{+0.0036}_{-0.0035}$ | $0.01208^{+0.0034}_{-0.0033}$ | 649 |
| $t_{\text{SKS}}$ | $0.00773^{+0.0029}_{-0.0028}$ | $0.01011^{+0.0028}_{-0.0027}$ | 1089 |
| $t_{\text{FGD}}$ | $0.00626^{+0.0033}_{-0.0024}$ | $0.00846^{+0.0031}_{-0.0023}$ | 608 |
| $t_{\text{MMD}}$ | $\mathbf{0.00517^{+0.0035}_{-0.0024}}$ | $\mathbf{0.00699^{+0.0033}_{-0.0024}}$ | 1321 |
| $t_{\text{LLR}}$ | $0.00174^{+0.001}_{-0.001}$ | $0.00235^{+0.001}_{-0.001}$ | 1478 |

$\mathcal{N}$-deformation

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon^{\mathcal{N}}_{99\%\text{CL}}$ | $t$ (s) |
|---|---|---|---|
| $t_{\text{SW}}$ | $0.31414^{+0.046}_{-0.054}$ | $0.37729^{+0.04}_{-0.039}$ | 488 |
| $t_{\overline{\text{KS}}}$ | $0.2711^{+0.038}_{-0.059}$ | $0.31549^{+0.032}_{-0.043}$ | 577 |
| $t_{\text{SKS}}$ | $0.31014^{+0.045}_{-0.057}$ | $0.3699^{+0.038}_{-0.047}$ | 965 |
| $t_{\text{FGD}}$ | $\mathbf{0.23539^{+0.025}_{-0.034}}$ | $\mathbf{0.27474^{+0.019}_{-0.02}}$ | **468** |
| $t_{\text{MMD}}$ | $0.65882^{+0.16}_{-0.15}$ | $0.77006^{+0.13}_{-0.11}$ | 964 |
| $t_{\text{LLR}}$ | - | - | - |

$\mathcal{U}$-deformation and Timing

| Statistic | $\epsilon_{95\%\text{CL}}$ | $\epsilon^{\mathcal{U}}_{99\%\text{CL}}$ | $t$ (s) | $t^{\text{null}}$ (s) |
|---|---|---|---|---|
| $t_{\text{FGD}}$ | $\mathbf{0.40466^{+0.047}_{-0.058}}$ | $\mathbf{0.47806^{+0.031}_{-0.035}}$ | **455** | 465 |
| $t_{\text{LLR}}$ | - | - | - | - |
| $t_{\text{MMD}}$ | $1.13409^{+0.27}_{-0.25}$ | $1.33277^{+0.23}_{-0.2}$ | 1057 | 1267 |
| $t_{\text{SKS}}$ | $0.53293^{+0.085}_{-0.096}$ | $0.63342^{+0.064}_{-0.075}$ | 601 | 375 |
| $t_{\text{SW}}$ | $0.54152^{+0.081}_{-0.091}$ | $0.65357^{+0.063}_{-0.071}$ | 470 | 279 |
| $t_{\overline{\text{KS}}}$ | $0.45812^{+0.072}_{-0.096}$ | $0.53398^{+0.063}_{-0.071}$ | 557 | **32** |