

| Jet features with $n = m = 2 \cdot 10^4$ |                                  |                             |         |                             |                             |         |
|--|----------------------------------|-----------------------------|---------|-----------------------------|-----------------------------|---------|
| Statistic                                | $\mu$ -deformation               |                             |         | $\Sigma_{ii}$ -deformation  |                             |         |
|  | $\epsilon_{95\%CL}$              | $\epsilon_{99\%CL}$         | $t$ (s) | $\epsilon_{95\%CL}$         | $\epsilon_{99\%CL}$         | $t$ (s) |
| $t_{NPLM}$                               | $0.15448^{+0.042}_{-0.056}$      | $0.17646^{+0.038}_{-0.043}$ | 60983   | $0.16455^{+0.047}_{-0.062}$ | $0.18495^{+0.043}_{-0.051}$ | 58305   |
| Statistic                                | $\Sigma_{i \neq j}$ -deformation |                             |         | $\text{pow}_+$ -deformation |                             |         |
|  | $\epsilon_{95\%CL}$              | $\epsilon_{99\%CL}$         | $t$ (s) | $\epsilon_{95\%CL}$         | $\epsilon_{99\%CL}$         | $t$ (s) |
| $t_{NPLM}$                               | $0.70613^{+0.16}_{-0.22}$        | $0.80803^{+0.19}_{-0.2}$    | 34883   | $0.07647^{+0.025}_{-0.031}$ | $0.08889^{+0.021}_{-0.026}$ | 26249   |
| Statistic                                | $\text{pow}_-$ -deformation      |                             |         | $\mathcal{N}$ -deformation  |                             |         |
|  | $\epsilon_{95\%CL}$              | $\epsilon_{99\%CL}$         | $t$ (s) | $\epsilon_{95\%CL}$         | $\epsilon_{99\%CL}$         | $t$ (s) |
| $t_{NPLM}$                               | $0.07177^{+0.02}_{-0.025}$       | $0.08415^{+0.015}_{-0.028}$ | 42337   | $0.17952^{+0.034}_{-0.044}$ | $0.19821^{+0.033}_{-0.039}$ | 33130   |
| Statistic                                | $\mathcal{U}$ -deformation       |                             |         | Timing                      |                             |         |
|  | $\epsilon_{95\%CL}$              | $\epsilon_{99\%CL}$         | $t$ (s) | $t^{\text{null}}$ (s)       |                             |         |
| $t_{NPLM}$                               | $0.30537^{+0.047}_{-0.086}$      | $0.32146^{+0.053}_{-0.039}$ | 37460   | 10888                       |                             |         |