

13000 GeV pp

 $t\bar{t}$  $\Delta\phi(\text{lepton}, \text{jet})$  (ATLAS for leptoquark search)

- ATLAS
- Herwig 7.2.1 default
- ▲ Pythia 8.165 default
- ...◆ Sherpa 2.2.5 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2019\_I1718132)

Ratio to ATLAS

