

$A_C^l$  vs  $y_{t\bar{t}}$  ( $\overline{t\bar{t}}$  events, parton level information)

- CMS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default
- - ◆ Sherpa 2.2.5 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

CMS\_2016\_I1430892

Ratio to CMS

0.5

1

2

0.5

1

2

0

0.5

1

1.5

left| $y_{t\bar{t}}$ right|