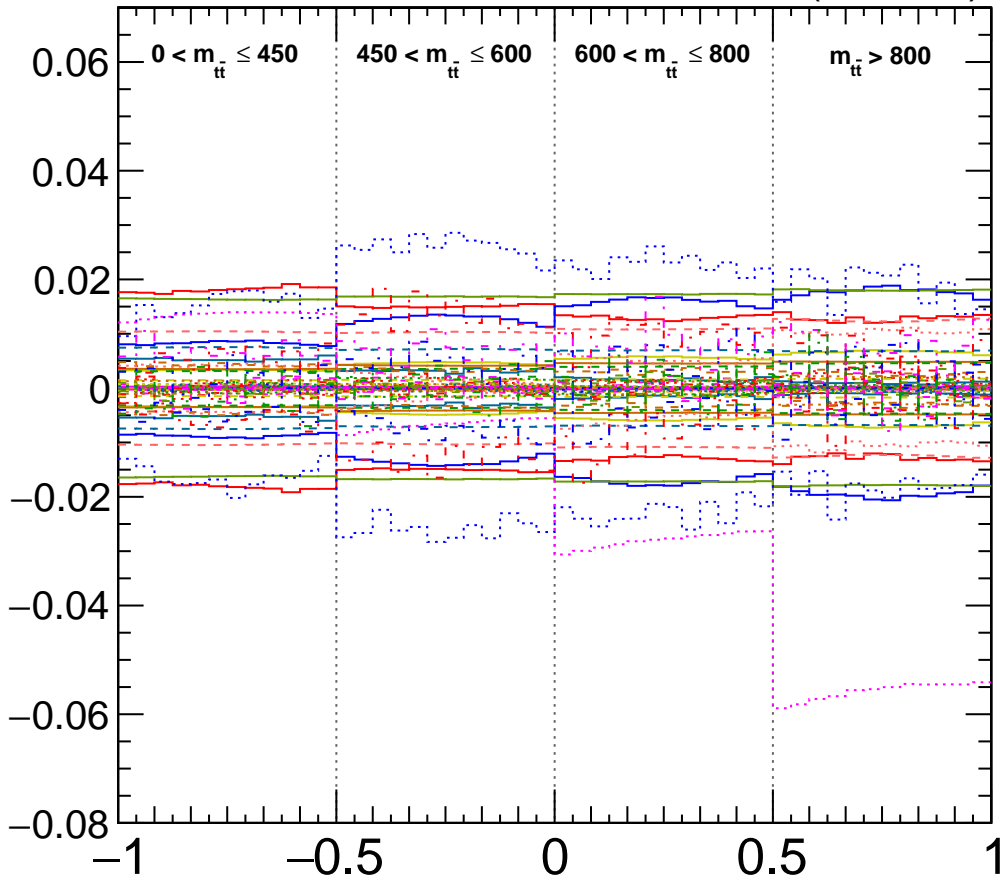


138 fb<sup>-1</sup> (13 TeV)

(Nominal-Syst)/Nominal



$$-\cos\theta_1^n \cos\theta_2^k + \cos\theta_1^k \cos\theta_2^n - \cos\theta_1^r \cos\theta_2^r$$

- BG
- BTAG\_CORR
- BTAG\_LJET\_CORR
- BTAG\_LJET\_UNCORR
- BTAG\_UNCORR
- DY
- ELE\_ID
- ELE\_RECO
- ELE\_SCALE\_GAIN
- - - ELE\_SCALE\_STAT
- - - ELE\_SCALE\_SYST
- - - JER
- - - L1PREFIRING
- - - MUON\_ID
- - - MUON\_ISO
- - - MUON\_SCALE
- - - PU
- - - TRIG
- - - UNCLUSTERED
- - - JES
- - - TOP\_PT
- - - BSEMILEP
- - - PDF\_ALPHAS
- - - ISR Conservative
- - - FSR Conservative
- - - TOT\_PDF
- - - TOT\_SCALE
- - - MASS
- - - MATCH
- - - TOT\_COLORREC
- - - UETUNE