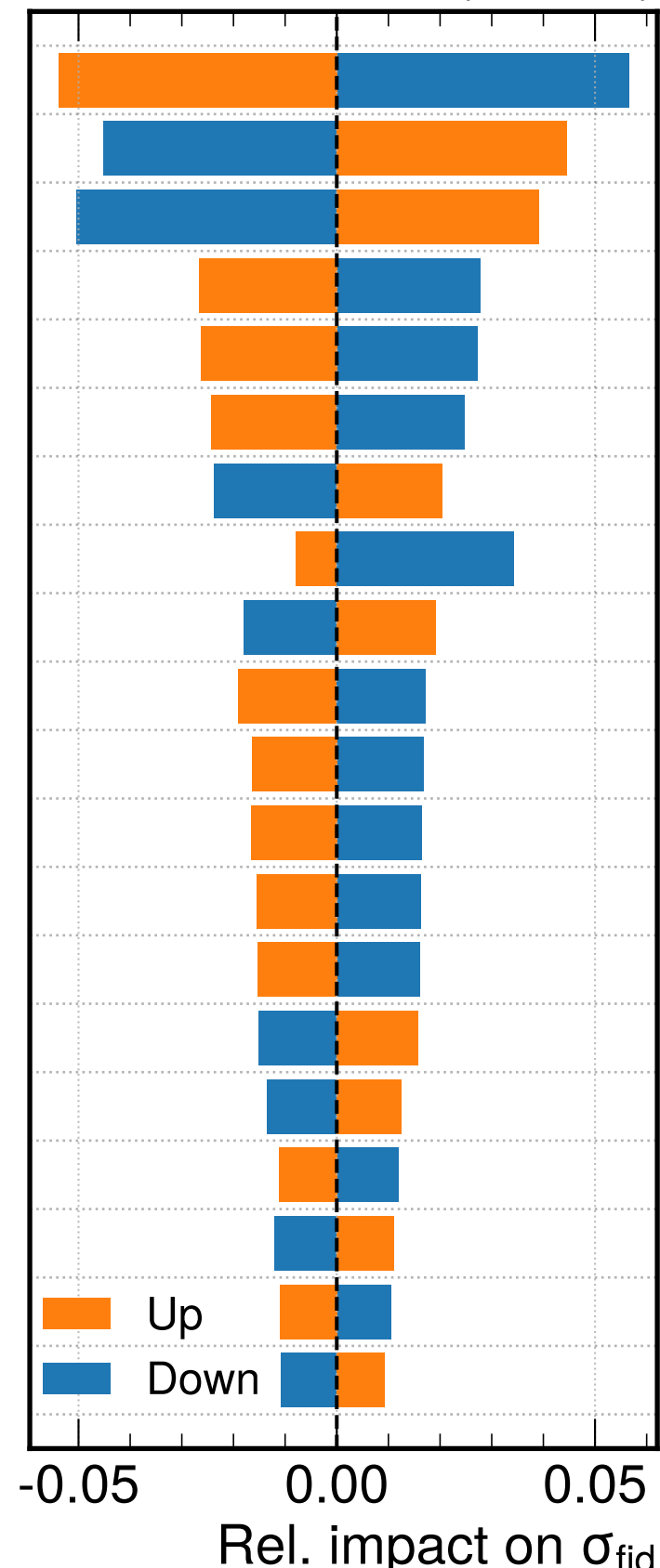
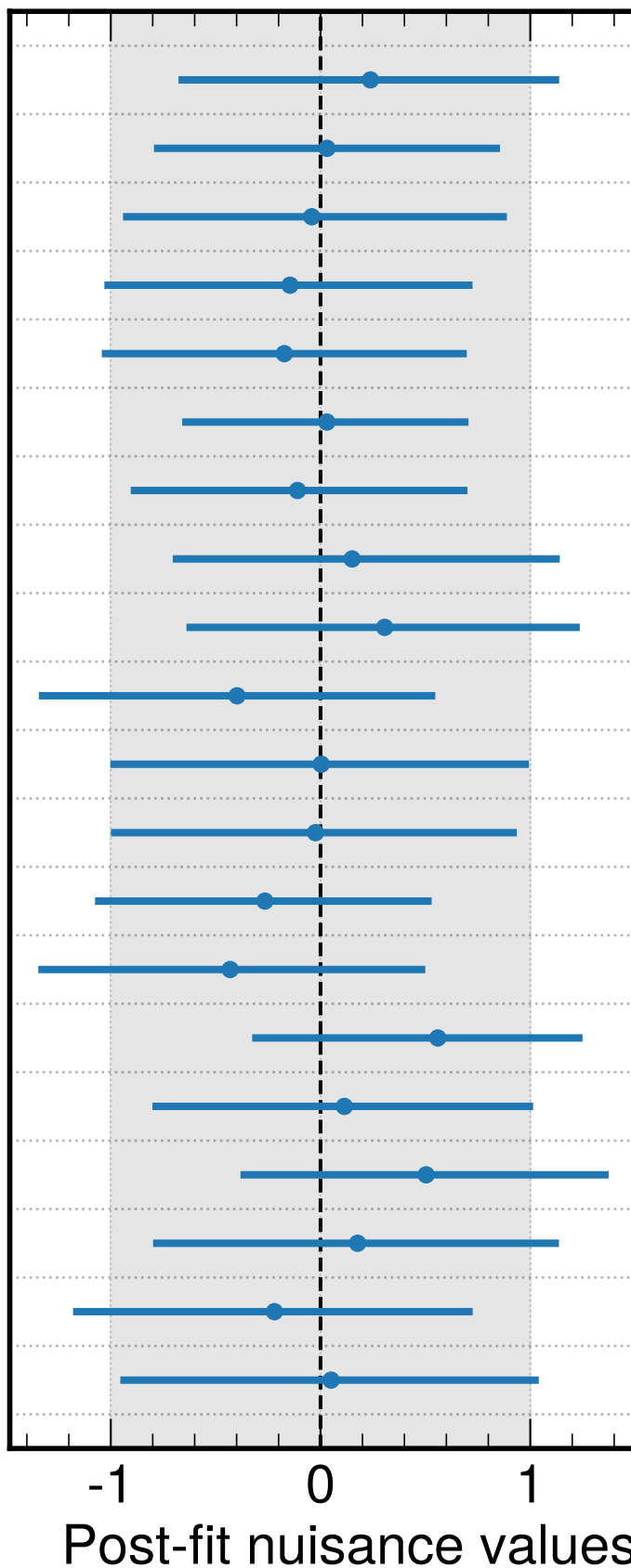


CMS

138 fb⁻¹ (13 TeV)

- 1 – b tagging (b jets, calibration methods)
- 2 – Renormalization scale norm (tt̄b OOA)
- 3 – Renormalization scale norm (tt̄b̄ OOA)
- 4 – b tagging (b jets, tight WP, 2018)
- 5 – Renormalization scale (tt̄)
- 6 – b tagging (b jets, tight WP, 2017)
- 7 – Renormalization scale (tt̄b OOA)
- 8 – Parton shower ISR (tt̄bOOA)
- 9 – tt̄C norm
- 10 – Jet energy scale (Absolute)
- 11 – Colour reconnection (CR2)
- 12 – Luminosity (2016,2017,2018)
- 13 – b tagging (b jets, tight WP, 2016preVFP)
- 14 – Parton shower FSR (tt̄C)
- 15 – Jet energy scale (Relative sample, 2018)
- 16 – b tagging (light jets, medium WP 2018)
- 17 – Electron trigger (2018UL)
- 18 – h_{damp}(tt̄)
- 19 – Jet energy scale (Absolute, 2018)
- 20 – Factorization scale (tt̄B)



Phase space: ≥ 6 jets: $\geq 4b$

Observable: $|\eta(b_2^{\text{extra}})|$