

— Fit constraint (obs.)

— +1 σ Impact (obs.)

— -1 σ Impact (obs.)

■ Fit constraint (exp.)

■ +1 σ Impact (exp.)

■ -1 σ Impact (exp.)

CMS

$$\hat{\mu} = 0.33^{+0.26}_{-0.26}$$

Collinear gluon splitting

t̄tB normalisation

PS scale ISR (t̄tB)

QCD normalisation (≥ 9 jets, 2018)

QCD normalisation (≥ 9 jets, 2017)

QCD normalisation (≥ 9 jets, 2016)

QCD normalisation (8 jets, 2018)

Jet energy scale (1)

ME-PS matching (t̄tLF)

MC stat. (1)

QCD normalisation (8 jets, 2017)

Jet energy scale (2)

QCD normalisation (7 jets, 2017)

QCD normalisation (8 jets, 2016)

Underlying event (t̄t)

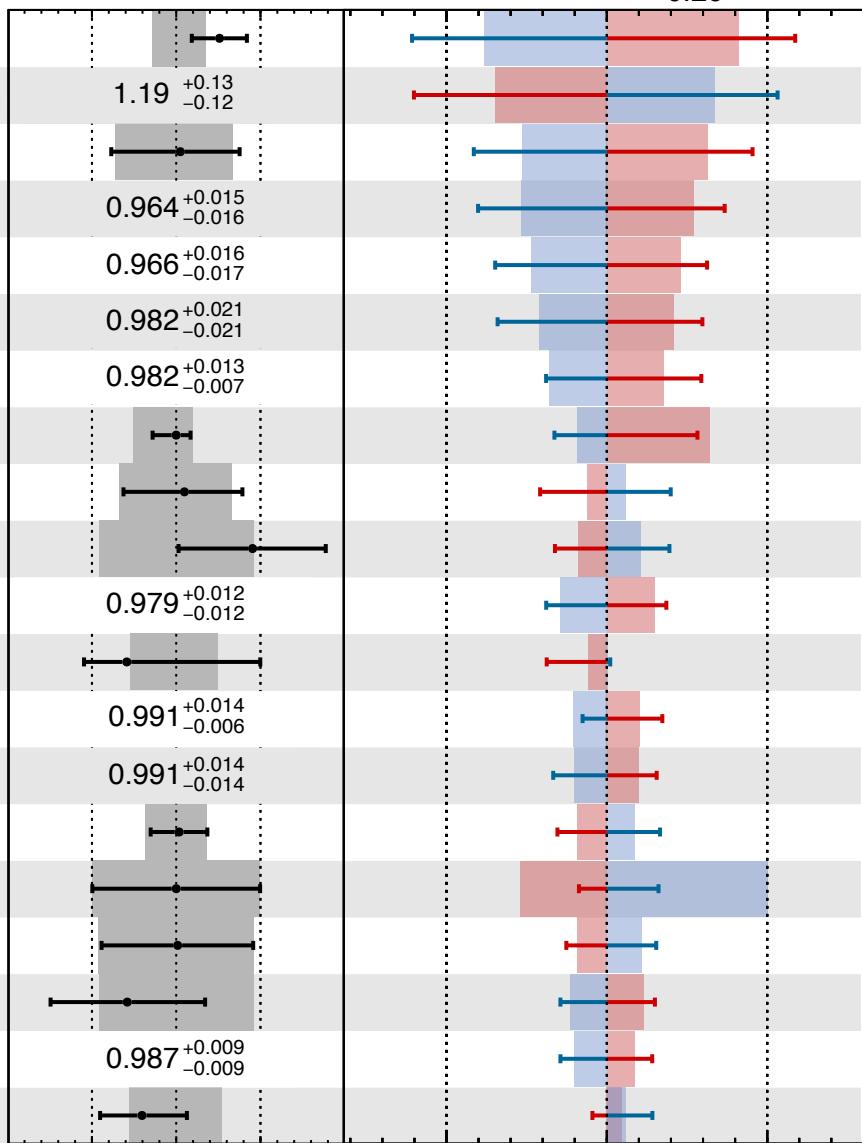
$\sigma_{t\bar{t}H}$ (renorm./fact. scales)

MC stat. (2)

MC stat. (3)

QCD normalisation (7 jets, 2018)

Jet energy scale (3)



$$(\hat{\theta} - \theta_0) / \Delta\theta$$

$$(\hat{\mu})$$