

Uncertainty source	Type	Correlation 2016–2018
Experimental uncertainties		
Trigger efficiency	Norm. / Shape	Uncorrelated
Integrated luminosity	Norm.	Uncorr. / Corr.
b tagging efficiency and mistag rate	Shape	Uncorr. (stat.) / Corr. (exp.)
Pileup reweighting	Shape	Correlated
L1 ECAL trigger inefficiency	Shape	Uncorrelated
Jet energy scale and resolution	Shape	Uncorr. / Corr.
Energy scale of τ_h	Shape	Uncorrelated
Identification and isolation efficiency for e	Shape	Correlated
Identification and isolation efficiency for μ	Shape	Correlated
Identification efficiency for τ_h	Shape	Uncorrelated
Misidentified lepton background rate	Shape	Correlated
Flip background rate	Norm.	Correlated
p_T^{miss} resolution and response	Shape	Correlated
Theoretical uncertainties		
μ_r/μ_f scale	Shape	Correlated
PDF	Norm.	Correlated
t \bar{t} H LO vs. NLO differences	Norm.	Correlated
Branching Ratio	Norm.	Correlated
Extrapolation of the WZ+jets and ZZ+jets	Norm.	Correlated
t \bar{t} γ Normalization	Norm.	Correlated
Rare background Normalization	Norm.	Correlated