

Uncertainty source	Down variation [%]	Up variation [%]
Theoretical background cross sections	50.0	52.6
Statistical uncertainty	39.2	41.8
Top quark p_{T} reweighting	34.8	34.5
Heavy-flavor tagging	32.6	31.8
Nonprompt-lepton bkg. estimate	30.2	25.9
Parton shower ISR/FSR	26.7	23.1
$\mu_{\text{r}}/\mu_{\text{f}}$	25.8	23.5
Jet energy scale	23.9	22.0
Unclustered energy	18.2	20.7
Pileup	13.9	19.1
PDF	11.5	10.8
Jet energy resolution	10.7	10.0
Integrated luminosity	3.1	4.7
Electron reconstruction	4.2	3.0
Jet pileup identification	3.6	1.5
Lepton identification	3.4	1.6
Lepton trigger efficiencies	1.2	2.3
L1 trigger inefficiency	0.7	0.0
Lepton energy scale	0.7	0.0