source	effect on yield
luminosity	2.6%
jet energy scale	1 – 10%
b-tag efficiency	1 – 10%
pileup	1 – 5%
lepton efficiencies	9%
HLT efficiencies	3%
lepton eff. FastSim	6%
nonprompt application region stat.	10 – 100%
nonprompt extrapolation	30%
WZ CR normalization	10%
$t\bar{t}Z$ CR normalization	25%
Limited size of simulated samples	1 – 100%
Modelling of unclustered energy	1-20%
ISR modeling	1-10%
QCD scales cross-section ($t\bar{t}W$,$t\bar{t}H$)	11 – 13%
QCD scales acceptance ($t\bar{t}W$,$t\bar{t}Z$,$t\bar{t}H$, signal)	1 - 18%
PDFs ($t\bar{t}W$,$t\bar{t}Z$,$t\bar{t}H$)	2 – 3%
other rare bkgs.	50%