

Source	Effect on the backgrounds [%]	Effect on signal [%]
Integrated luminosity	2.5	2.5
JES	1–8	1–10
b tag efficiency	1–8	1–10
Pileup	1–5	1–5
Lepton efficiencies	9	15
HLT efficiencies	3	3
Nonprompt application region statistics	10–100	–
Nonprompt extrapolation	30	–
WZ control region normalization	10	–
$t\bar{t}Z$ control region normalization	25	–
Limited size of simulated samples	1–100	10–100
ISR modeling	–	1–10
Modeling of unclustered energy	–	1–20
Ren., fact. scales, cross section ($t\bar{t}W$, $t\bar{t}H$)	11–13	–
Ren., fact. scales, acceptance ($t\bar{t}W$, $t\bar{t}Z$, $t\bar{t}H$, signal)	3–18	3–18
PDFs ($t\bar{t}W$, $t\bar{t}Z$, $t\bar{t}H$)	2–3	–
Other rare backgrounds	50	–