

Source	$\Delta\sigma_{t\bar{t}}$ (pb)	$\Delta\sigma_{t\bar{t}}/\sigma_{t\bar{t}}$ (%)
Trigger efficiencies	33	4.4
Lepton efficiencies	25	3.4
Lepton energy scale	<1	≤ 0.1
Jet energy scale	11	1.5
Jet energy resolution	<1	≤ 0.1
Pileup	5.2	0.7
QCD scales	1.4	0.2
NLO generator of $t\bar{t}$ signal	14	1.9
Modeling of $t\bar{t}$ signal	13	1.8
PDF	18	2.4
Single top t W background	13	1.8
VV background	3.5	0.5
Drell-Yan background	4.1	0.5
Nonprompt leptons background	7.6	1.0
Total systematic (w/o luminosity)	53	7.2
Integrated luminosity	36	4.8
Statistical uncertainty	58	7.8
Total	87	12