

Source	FPS PI (%)	FPS PB (%)
Simulated sample size	+15 -11	+15 -11
Quark-gluon likelihood	+13 -8	+13 -8
b tagging of b quark	± 10	± 10
JES and JER	+5.1 -5.2	+5.0 -5.4
Integrated luminosity	+2.8 -2.2	+2.4 -2.2
Trigger efficiency	+2.6 -2.1	+2.5 -2.2
Pileup	+2.3 -2.0	+2.2 -1.9
μ_R and μ_F scales	+13 -9	+13 -9
Parton shower scale	+11 -8	+11 -8
UE tune	+9.0 -5.3	+9.0 -5.2
Colour reconnection	± 7.2	± 7.1
Shower matching (h_{damp})	+4.3 -2.8	+3.8 -2.7
$t\bar{t}c\bar{c}$ normalization	+3.2 -4.4	+2.9 -4.5
Modelling of p_T of top quark	± 2.5	± 2.4
PDFs	+2.2 -2.0	+2.2 -2.0
Total	+28 -23	+28 -23