

Source	Average for $t\bar{t}$ (%)
PDFs and $\alpha_S$ (acceptance)	1.0
$\mu_F, \mu_R$ scales (acceptance)	3.8
Initial-state radiation	0.6
Final-state radiation	3.4
Top $p_T$	1.3
Matrix element/parton shower matching	2
Underlying event	1.5
Top mass (acceptance)	1.5