

Sources	Uncertainty in the acceptance (%)				
	$t\bar{t}c\bar{c}$	$t\bar{t}cL$	$t\bar{t}b\bar{b}$	$t\bar{t}bL$	$t\bar{t}LL$
μ_R and μ_F	1.0	0.8	0.4	0.6	0.5
PS scale	1.6	1.6	1.2	1.4	1.5
PDF	0.6	0.8	1.2	1.2	0.9
Underlying event	1.0	1.2	1.8	1.1	0.3
ME-PS matching	2.1	2.3	1.0	2.5	1.7
b fragmentation	2.2	2.0	4.2	2.6	2.3
c fragmentation	4.5	2.0	–	–	–
Total	5.9	4.3	5.0	4.2	3.4