W boson $p_{\rm T}$ interval (GeV)		[0; 35]	[35; 55]	[55; 80]	[80; 140]	[140; 250]
$\frac{\mathrm{d}\sigma_{\mathrm{t}}}{\mathrm{d}\sigma_{\mathrm{t}+\bar{\mathrm{t}}}}$		0.65	0.62	0.61	0.62	0.58
dp_1		0.03	0.02	0.01	0.02	0.56
Profiled uncertainties	Statistical	$\pm 4.0\%$	$\pm 3.0\%$	$\pm 2.9\%$	$\pm 3.0\%$	$\pm 7.4\%$
	tt/tW normalisation	$\pm 0.8\%$	$\pm 0.6\%$	$\pm 0.9\%$	$\pm 1.2\%$	$\pm 3.4\%$
	$W/Z/\gamma^*$ +jets	$\pm 0.1\%$	$\pm 0.2\%$	$\pm 0.7\%$	$\pm 0.5\%$	$\pm 1.4\%$
	normalisation					
	Multijet	$\pm 0.3\%$	$\pm 0.2\%$	$\pm 0.2\%$	<0.1%	$\pm 0.8\%$
	normalisation					
	Multijet shape	$\pm 0.3\%$	$\pm 0.3\%$	$\pm 0.5\%$	$\pm 0.5\%$	<0.1%
	Jet energy scale	<0.1%	$\pm 0.5\%$	$\pm 0.6\%$	$\pm 0.4\%$	< 0.1%
	and resolution					
	b tagging efficiencies	<0.1%	$\pm 0.2\%$	$\pm 0.8\%$	$\pm 0.2\%$	$\pm 0.9\%$
	and misidentification					
	Others	$\pm 0.2\%$	$\pm 0.5\%$	$\pm 0.7\%$	$\pm 0.7\%$	$\pm 0.7\%$
Theoretical uncertainties	Top quark mass	$\pm 1.9\%$	$\pm 0.5\%$	$\pm 1.2\%$	$\pm 0.6\%$	$\pm 2.1\%$
	PDF+ α_S	<0.1%	$\pm 0.3\%$	$\pm 0.2\%$	$\pm 0.2\%$	$\pm 0.3\%$
	t channel renormalisation	$\pm 0.4\%$	$\pm 0.1\%$	<0.1%	$\pm 0.2\%$	$\pm 0.3\%$
	and factorisation scales					
	t channel parton	$\pm 0.6\%$	$\pm 0.4\%$	$\pm 1.1\%$	$\pm 1.7\%$	$\pm 8.1\%$
	shower					
	tt̄ renormalisation	$\pm 0.3\%$	$\pm 0.4\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 1.9\%$
	and factorisation scales					
	tt parton shower	$\pm 2.9\%$	$\pm 0.2\%$	$\pm 1.4\%$	$\pm 2.2\%$	$\pm 5.0\%$
	t t underlying	$\pm 1.6\%$	$\pm 0.8\%$	$\pm 1.7\%$	$\pm 0.3\%$	$\pm 5.2\%$
	event tune	- 10/			/	
	$t\bar{t} p_{T}$ reweighting	<0.1%	<0.1%	<0.1%	±0.3%	$\pm 0.2\%$
	W+jets renormalisation	$\pm 0.8\%$	$\pm 0.5\%$	$\pm 0.5\%$	$\pm 0.6\%$	$\pm 2.0\%$
	and factorisation scales					
	Color reconnection	±1.4%	$\pm 0.4\%$	±1.1%	±0.7%	$\pm 4.4\%$
	Fragmentation model	±0.2%	±0.5%	±0.1%	±0.2%	±0.7%
Profiled uncertainties only		$\pm 4.1\%$	$\pm 3.2\%$	$\pm 3.1\%$	$\pm 3.3\%$	$\pm 8.4\%$
(statistical+experimental)						
Total uncertainties		$\pm 5.9\%$	$\pm 3.5\%$	$\pm 4.5\%$	$\pm 4.7\%$	$\pm 15.4\%$