

	2D		1D	hybrid	
	$\delta m_{\text{t}}^{2\text{D}}$ [GeV]	$\delta \text{JSF}^{2\text{D}}$ [%]	$\delta m_{\text{t}}^{1\text{D}}$ [GeV]	$\delta m_{\text{t}}^{\text{hyb}}$ [GeV]	$\delta \text{JSF}^{\text{hyb}}$ [%]
<i>Experimental uncertainties</i>					
Method calibration	0.03	0.0	0.03	0.03	0.0
JEC (quad. sum)	0.12	0.2	0.82	0.17	0.3
– Intercalibration	−0.01	0.0	+0.16	+0.04	+0.1
– MPFInSitu	−0.01	0.0	+0.23	+0.07	+0.1
– Uncorrelated	−0.12	−0.2	+0.77	+0.15	+0.3
Jet energy resolution	−0.18	+0.3	+0.09	−0.10	+0.2
b tagging	0.03	0.0	0.01	0.02	0.0
Pileup	−0.07	+0.1	+0.02	−0.05	+0.1
All-jets background	0.01	0.0	0.00	0.01	0.0
All-jets trigger	+0.01	0.0	0.00	+0.01	0.0
ℓ +jets Background	−0.02	0.0	+0.01	−0.01	0.0
ℓ +jets Trigger	0.00	0.0	0.00	0.00	0.0
Lepton isolation	0.00	0.0	0.00	0.00	0.0
Lepton identification	0.00	0.0	0.00	0.00	0.0
<i>Modeling uncertainties</i>					
JEC flavor (linear sum)	−0.39	+0.1	−0.31	−0.37	+0.1
– light quarks (uds)	+0.11	−0.1	−0.01	+0.07	−0.1
– charm	+0.03	0.0	−0.01	+0.02	0.0
– bottom	−0.31	0.0	−0.31	−0.31	0.0
– gluon	−0.22	+0.3	+0.02	−0.15	+0.2
b jet modeling (quad. sum)	0.08	0.1	0.04	0.06	0.1
– b frag. Bowler–Lund	−0.06	+0.1	−0.01	−0.05	0.0
– b frag. Peterson	−0.03	0.0	0.00	−0.02	0.0
– semileptonic b hadron decays	−0.04	0.0	−0.04	−0.04	0.0
PDF	0.01	0.0	0.01	0.01	0.0
Ren. and fact. scales	0.01	0.0	0.02	0.01	0.0
ME/PS matching	−0.10 ± 0.08	+0.1	+0.02 ± 0.05	+0.07 ± 0.07	+0.1
ME generator	+0.16 ± 0.21	+0.2	+0.32 ± 0.13	+0.21 ± 0.18	+0.1
ISR PS scale	+0.07 ± 0.08	+0.1	+0.10 ± 0.05	+0.07 ± 0.07	0.1
FSR PS scale	+0.23 ± 0.07	−0.4	−0.19 ± 0.04	+0.12 ± 0.06	−0.3
Top quark p_{T}	+0.01	−0.1	−0.06	−0.01	−0.1
Underlying event	−0.06 ± 0.07	+0.1	+0.00 ± 0.05	−0.04 ± 0.06	+0.1
Early resonance decays	−0.20 ± 0.08	+0.7	+0.42 ± 0.05	−0.01 ± 0.07	+0.5
CR modeling (max. shift)	+0.37 ± 0.09	−0.2	+0.22 ± 0.06	+0.33 ± 0.07	−0.1
– “gluon move” (ERD on)	+0.37 ± 0.09	−0.2	+0.22 ± 0.06	+0.33 ± 0.07	−0.1
– “QCD inspired” (ERD on)	−0.11 ± 0.09	−0.1	−0.21 ± 0.06	−0.14 ± 0.07	−0.1
Total systematic	0.71	1.0	1.07	0.61	0.7
Statistical (expected)	0.08	0.1	0.05	0.07	0.1
Total (expected)	0.72	1.0	1.08	0.61	0.7