

	2D		1D	hybrid	
	δm_t^{2D}	δJSF^{2D}	δm_t^{1D}	δm_t^{hyb}	$\delta \text{JSF}^{\text{hyb}}$
	[GeV]	[%]	[GeV]	[GeV]	[%]
<i>Experimental uncertainties</i>					
Method calibration	0.06	0.2	0.06	0.06	0.2
JEC (quad. sum)	0.18	0.3	0.73	0.15	0.2
- Intercalibration	-0.04	-0.1	+0.12	-0.04	-0.1
- MPFInSitu	-0.03	-0.0	+0.22	+0.08	+0.1
- Uncorrelated	-0.17	-0.3	+0.69	+0.12	+0.2
Jet energy resolution	-0.12	+0.4	+0.18	-0.03	+0.3
b tagging	0.02	0.0	0.01	0.02	0.0
Pileup	-0.06	+0.1	+0.00	-0.04	+0.1
Background	0.10	0.1	0.03	0.07	0.1
Trigger	+0.04	-0.1	-0.04	+0.02	-0.1
<i>Modeling of hadronization</i>					
JEC Flavor (linear sum)	-0.35	+0.1	-0.31	-0.34	+0.0
- light quarks (uds)	+0.10	-0.1	-0.01	+0.07	-0.1
- charm	+0.03	-0.0	-0.01	+0.02	-0.0
- bottom	-0.29	-0.0	-0.29	-0.29	-0.0
- gluon	-0.19	+0.2	+0.03	-0.13	+0.2
b jet modeling (quad. sum)	0.09	0.0	0.09	0.09	0.0
- b frag. Bowler-Lund	-0.07	+0.0	-0.07	-0.07	+0.0
- b frag. Peterson	-0.05	+0.0	-0.04	-0.05	+0.0
- semi-leptonic B decays	-0.03	-0.0	-0.03	-0.03	-0.0
<i>Modeling of perturbative QCD</i>					
PDF	0.01	0.0	0.01	0.01	0.0
Ren. and fact. scale	0.05	0.0	0.04	0.04	0.0
ME/PS matching	$+0.32 \pm 0.20$	-0.3	-0.05 ± 0.14	$+0.24 \pm 0.18$	-0.2
ME generator	$+0.29 \pm 0.34$	+0.1	$+0.36 \pm 0.24$	$+0.31 \pm 0.30$	+0.1
ISR PS scale	$+0.17 \pm 0.17$	-0.2	$+0.13 \pm 0.12$	$+0.12 \pm 0.14$	-0.1
FSR PS scale	$+0.22 \pm 0.12$	-0.2	$+0.11 \pm 0.08$	$+0.18 \pm 0.11$	-0.1
Top quark p_T	+0.03	-0.0	+0.02	+0.03	-0.0
<i>Modeling of soft QCD</i>					
Underlying event	$+0.16 \pm 0.19$	-0.3	-0.07 ± 0.14	$+0.10 \pm 0.17$	-0.2
Early resonance decays	$+0.02 \pm 0.28$	+0.4	$+0.38 \pm 0.19$	$+0.13 \pm 0.24$	+0.3
CR modeling (max. shift)	$+0.41 \pm 0.29$	-0.4	-0.43 ± 0.20	-0.36 ± 0.25	-0.3
- "gluon move" (ERD on)	$+0.41 \pm 0.29$	-0.4	$+0.10 \pm 0.20$	$+0.32 \pm 0.25$	-0.3
- "QCD inspired" (ERD on)	-0.32 ± 0.29	-0.1	-0.43 ± 0.20	-0.36 ± 0.25	-0.1
Total systematic	0.88	1.0	1.10	0.76	0.7
Statistical (expected)	0.21	0.2	0.16	0.20	0.1
Total (expected)	0.91	1.0	1.11	0.79	0.7