

| Systematic uncertainty | 8 TeV | | | |
|--|--------------------|--------------------|-------|--------------------|
| | μ +jets (%) | e+jets (%) | corr. | comb.(%) |
| Jet energy scale | ± 2.2 | ± 2.1 | 0.9 | ± 2.2 |
| Jet energy resolution | ± 0.8 | ± 0.9 | 1.0 | ± 0.8 |
| E_T^{miss} unclustered energy | ± 0.1 | ± 0.3 | 1.0 | ± 0.1 |
| Pileup | ± 0.5 | ± 0.4 | 1.0 | ± 0.5 |
| Lepton ID / Trigger eff. corrections | ± 0.4 | ± 0.5 | 0.0 | ± 0.5 |
| b tagging method | ± 0.3 | ± 0.7 | 1.0 | ± 0.3 |
| Background composition | ± 0.2 | ± 0.3 | 1.0 | ± 0.2 |
| Factorization/renormalization scales | ± 1.7 | ± 2.6 | 1.0 | ± 1.7 |
| ME-PS matching threshold | ± 1.3 | ± 2.3 | 1.0 | ± 1.2 |
| Top quark p_T -reweighting | ± 1.1 | ± 1.2 | 1.0 | ± 1.1 |
| Signal modelling for $\sigma_{\bar{t}t}(\sigma_{\bar{t}t}^{\text{vis}})$ | $\pm 4.4(\pm 2.2)$ | $\pm 4.4(\pm 2.4)$ | 1.0 | $\pm 4.4(\pm 2.3)$ |
| PDF uncertainties | ± 2.1 | ± 1.9 | 1.0 | ± 2.1 |
| Sum for $\sigma_{\bar{t}t}(\sigma_{\bar{t}t}^{\text{vis}})$ | $\pm 6.0(\pm 4.6)$ | $\pm 6.5(\pm 5.4)$ | | $\pm 6.0(\pm 4.7)$ |
| Integrated luminosity | ± 2.6 | ± 2.6 | 1.0 | ± 2.6 |
| Total for $\sigma_{\bar{t}t}(\sigma_{\bar{t}t}^{\text{vis}})$ | $\pm 6.5(\pm 5.3)$ | $\pm 7.0(\pm 6.0)$ | | $\pm 6.5(\pm 5.3)$ |