

Table 2: List of JEC uncertainty source combinations with a short description and list of uncertainty components (in the third column, the numbering of the sources corresponds to the one used in Table 1, second column).

Enumerator	Description	List of sources
Total	Default uncertainty applicable for most CMS analyses	1–25, 26a
TotalNoFlavor	Default uncertainty without FlavorQCD, as basis for other mixtures	1–25
TotalNoTime	Uncertainty for unrescaled analyses with full 8 TeV data set	1–17, 19–24, 26a
TotalNoFlavorNoTime	Same as above without FlavorQCD, as basis for other mixtures	1–17, 19–24
SubTotalPileUp	Combination of pileup offset uncertainties	1–6
SubTotalRelative	Combination of relative $\eta$ correction uncertainties	7–17
SubTotalAbsolute	Combination of absolute scale uncertainties	7–17
SubTotalScale	Scale uncertainties independent of $p_T$ , plus statistical uncertainty	19–21
SubTotalPt	Combination of absolute scale $p_T$ dependence uncertainties	22–24
SubTotalMC	Default uncertainty without PileUpPt sources	1,7–25,26a