

| Source | 2015 [%] | 2016 [%] | Corr |
|---|----------|----------|------|
| Normalization uncertainty | | | |
| <i>Bunch population</i> | | | |
| Ghost and satellite charge | 0.1 | 0.1 | Yes |
| Beam current normalization | 0.2 | 0.2 | Yes |
| <i>Beam position monitoring</i> | | | |
| Orbit drift | 0.2 | 0.1 | No |
| Residual differences | 0.8 | 0.5 | Yes |
| <i>Beam overlap description</i> | | | |
| Beam-beam effects | 0.5 | 0.5 | Yes |
| Length scale calibration | 0.2 | 0.3 | Yes |
| Transverse factorizability | 0.5 | 0.5 | Yes |
| <i>Result consistency</i> | | | |
| Other variations in σ_{vis} | 0.6 | 0.3 | No |
| Integration uncertainty | | | |
| <i>Out-of-time pileup corrections</i> | | | |
| Type 1 corrections | 0.3 | 0.3 | Yes |
| Type 2 corrections | 0.1 | 0.3 | Yes |
| <i>Detector performance</i> | | | |
| Cross-detector stability | 0.6 | 0.5 | No |
| Linearity | 0.5 | 0.3 | Yes |
| <i>Data acquisition</i> | | | |
| CMS deadtime | 0.5 | <0.1 | No |
| Total normalization uncertainty | 1.3 | 1.0 | — |
| Total integration uncertainty | 1.0 | 0.7 | — |
| Total uncertainty | 1.6 | 1.2 | — |