|  | Systematic | correction (%) | uncertainty (%) |
|---|---|---|---|
| Normalization | $x$-$y$ correlations | - | 2.3 (2.9) |
|  | Bunch-to-bunch variation | - | 1.4 (1.5) |
|  | Scan-to-scan variation | - | 0.6 (1.0) |
|  | Length scale | - | 0.7 |
|  | Ghosts and satellites | 1.3 (1.2) | 0.7 (0.6) |
|  | Orbit Drift | - | 0.5 |
|  | $\Sigma_{x,y}$ compatibility | - | 0.5 (0.2) |
|  | Dynamic-$\beta$ | - | 0.5 |
|  | Beam-beam deflection | 0.3 | 0.3 |
|  | Beam current calibration | - | 0.3 |
| Integration | Cross-detector stability | - | 0.9 (0.7) |
|  | DAQ deadtime | - | 0.5 |
|  | Total | | 3.2 (3.7) |