

Source	2017 [%]	2018 [%]	Corr.	Corr. w. 15–16
<i>Normalization</i>				
Beam current normalization	0.2	0.2	Yes	Yes
Ghost and satellite charges	0.06	0.07	Yes	Yes
Beam-beam effects	0.29	0.30	Yes	Yes
Orbit drift	0.09	0.19	Yes	Yes
Length scale calibration	0.15	0.18	Yes	No
Transverse factorizability	0.33	0.36	Yes	No
Scan to scan variation	0.26	0.27	No	No
Bunch to bunch variation	0.1	0.1	No	No
Cross-detector consistency at vdM	0.17	0.14	No	No
<i>Integration</i>				
Cross-detector consistency per year	0.19	0.30	No	No
Linearity	0.51	0.42	Yes	No
Total normalization uncertainty	0.61	0.66	—	—
Total integration uncertainty	0.54	0.52	—	—
Total uncertainty	0.82	0.84	—	—