

Fill	Sources of uncertainty on bunch population product		
	DCCTs	Ghost fractions	Satellite fractions
Fills with pp at $\sqrt{s} = 8 \text{ TeV}$			
0.26	0.029	n.a.	
0.22	0.043	n.a.	
0.19	0.049	0.097	
0.24	0.032	0.019	
0.21	0.019	0.021	
0.21	0.020	0.031	
0.22	0.011	0.011	
0.23	0.013	0.011	
Fills with pp at $\sqrt{s} = 7 \text{ TeV}$			
0.24	0.064	0.25 [27]	
Fills with pp at $\sqrt{s} = 2.76 \text{ TeV}$			
0.51	0.047	0.230	
0.22	0.062	0.020	
0.23	0.101	0.024	
Fills with $p\text{Pb}$ at $\sqrt{s_{NN}} = 5 \text{ TeV}$			
0.31	0.137	0.070	
Fills with Pbp at $\sqrt{s_{NN}} = 5 \text{ TeV}$			
0.34	0.192	0.092	