| Source | Impact on the $R(\mathrm{K})$ ratio [%] | |
| --- | --- | --- |
| | PF-PF | PF-LP |
| Signal and background description | 5 | 5 |
| J/$\psi$ event leakage to the low-$q^2$ bin | 4 | 9 |
| BDT efficiency stability | 2 | 5 |
| BDT cross validation | 2 | 3 |
| Trigger efficiency | 1 | 4 |
| BDT data/simulation difference | 1 | 2 |
| J/$\psi$ meson radiative tail description | 1 | 1 |
| Total systematic uncertainty | 7 | 13 |
| Statistical and total uncertainty | 40 | 200 |