| Effect | $B^{+} \rightarrow K^{+} \mu^{+} e^{-}$ | $B^{+} \rightarrow K^{+} \mu^{-} e^{+}$ |
| :---: | :---: | :---: |
| Data-simulation corrections | $1.0 \%$ | $1.0 \%$ |
| Electron-muon differences | $1.4 \%$ | $1.4 \%$ |
| Fitting model | $2.1 \%$ | $2.1 \%$ |
| PID resampling | $4.5 \%$ | $5.5 \%$ |
| Trigger | $1.0 \%$ | $1.0 \%$ |
| Normalisation factor | $3.5 \%$ | $3.5 \%$ |
| Total | $6.4 \%$ | $7.1 \%$ |
| Background | 0.60 | 0.43 |

