

| Source | $\mathcal{R}(B_s^0 \rightarrow D_{s1}(2536)^\mp K^\pm)$ | | $\mathcal{R}(B^0 \rightarrow D_{s1}(2536)^\mp K^\pm)$ | | k | $ \phi $ |
|---------------------------|---|-------|---|-------|------|----------|
| | Run 1 | Run 2 | Run 1 | Run 2 | | |
| Signal channel fit | 3.9% | 2.9% | 15.7% | 4.2% | 3.0% | 4.9% |
| Normalisation channel fit | 1.7% | 1.7% | 1.7% | 1.7% | - | - |
| Simulated sample sizes | 2.1% | 1.0% | 0.5% | 0.3% | 0.5% | 3.6% |
| Efficiency correction | 1.2% | 2.2% | 2.8% | 1.8% | 0.7% | 0.2% |
| Branching fraction ratio | 2.9% | 2.7% | 2.9% | 3.1% | 0.1% | 0.3% |
| Total | 5.7% | 5.0% | 16.3% | 5.8% | 3.1% | 6.1% |
| External input | | | | | | |
| f_s/f_d | 3.1% | 3.1% | - | - | - | - |