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Studies of asymmetries in semileptonic B decays at LHCb

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LHCb has recorded large samples of semileptonic B decays. These provide potential to study CP violation effects in the B0 and Bs0 systems. Decay time-integrated or time-dependent asymmetries between charge-conjugate final states probe CP violation in B(s)0 mixing through the measurement of the parameter Afs (sometimes referred to as Asl). These measurements rely on data-driven techniques to obtain excellent control of systematic uncertainties. We present the status of the analyses.

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