

# Measurements of CP violation in charmless 2-body B meson decays at LHCb

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Measurements of mixing-induced and direct CP violation in charmless 2-body B decays provide stringent tests of the Standard Model. In addition to new phases that may enter the mixing loop, charmless B decays have an additional opportunity for unknown particles to induce deviations from the Standard Model expectation due to the sizeable contribution to these decays from penguin topologies. We present new results from the analyses of charmless 2-body B decays at LHCb, including CP asymmetries and branching fractions.

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## Secondary track (number)

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