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New Physics Implications of LHCb Data on b to s transitions

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We present new physics implications of LHCb measurements of bsll observables within a model-independent approach and make projections for future measurements that indicate that LHCb will be in the position to discover lepton non-universality with the Run 3 data in a single observable. Moreover, we present global fits of rare B-decays within multidimensional fits involving up to all the relevant 20 Wilson coefficients and compare different scenarios via likelihood ratio tests, applying Wilks'theorem.

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