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## Charm-loop effect in rare $B \rightarrow K^{(*)} ll$ decays beyond leading twist

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We revisit soft gluon contributions to the “charm loop” effect in rare  $B \rightarrow K^{(*)} ll$  decays, which is a large systematic uncertainty in the interpretation of the b-anomalies. Since these contributions are dominated by long-distance effects and are resistant to factorization attempts, we employ the method of light-cone sum rules to compute the relevant hadronic matrix elements. Our calculation extends previous works by considering the full set of the three-particle B-meson distribution amplitudes. We provide first numerical results, and discuss qualitatively their impact on the extraction of the Wilson coefficient  $C_9$ .

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