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Strange and non-strange quark distributions from the collider data

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Results of the QCD analysis of a variety of the hard-scattering data is over-viewed with a particular focus on determination of the quark distributions in the nucleon. A potential of the recent precise data collected at the LHC for the problem of quark species disentangling is discussed and compared to the impact of the low-energy fixed-target data. Finally, remaining challenges and potential improvements in the field are outlined.

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