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Description of unpolarized DY and SIDIS data within TMD factorization

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I present the analysis of the semi-inclusive deep inelastic scattering (SIDIS) and Drell-Yan events within transverse momentum dependent (TMD) factorization. The high quality of the fit confirms a complete universality of TMD non-perturbative distributions and demonstrates good agreement between the theory and the data. Also, I provide the discussion on phenomenological analyses of various parts of the TMD factorization, such as sensitivity to non-perturbative parameterizations, perturbative orders, collinear distributions, correlations between parameters, and others.

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