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Comments on the perturbative and non-perturbative contributions in unpolarized SIDIS.

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The extraction of unpolarized transverse momentum dependent functions (TMDs) has received a lot of attention in recent years. A successful extraction of these functions requires careful consideration of the interplay between perturbative and non-perturbative components in the definitions of the TMDs. In this talk, I will discuss how our knowledge of the unpolarized TMDs may be improved in light of recent developments. For concreteness, I will focus on the case of the most recent SIDIS data by the COMPASS collaboration.

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