Recommendations for better measurements of multi-parton interactions and the underlying event

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Multiparton interactions (MPI) are playing an increasingly important role in physics done at the LHC, yet there are few studies published to date. Different plausible models of MPI make widely varying predictions for kinematic distributions from MPI and need testing and constraints from experimental measurements. This paper outlines the issues and suggests measurements that could be done now and in the future to improve our understanding of MPI.

This document is a placeholder.