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## Ridge like correlation structure in high multiplicity pp collisions

One of the key signatures of collectivity in heavy-ion collisions is the appearance of a ridge structure over wide pseudorapidity interval. In this work we explore the contributions from the geometry fluctuations in the initial-state in pp collisions to the ridge structure, estimated from low to high density. Effects show to be relevant for small collision systems unlike in heavy-ion collisions where the contributions are negligible.

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