

# Strangeness analysis in pp collisions across event shape variables

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## Abstract content

The measurement of the event shape variables has been well-established in  $e+e^-$  annihilation experiments. These has been used to extract the signal from the continuum background in different decays. Also the reported strangeness production ( $K$  and  $\Lambda$ ) present a deficit of strange particles on event with dijets. We present a preliminary analysis of hadrons with  $V^0$  decay topology. We characterize and identify the distinct strange particles as  $\Lambda$ 's. We present some of its preliminary properties which can be analyzed through the event shape variables. Those results are from pp collisions, which are the base of ion-ion collisions at LHC energy.

## Summary

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