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Multiplicity dependence of strange and multi-strange hadron production in pp collisions at sqrt{s} = 7 TeV measured with the ALICE experiment

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The measurement of identified particle production rates as a function of event activity in small colliding systems has recently become of particular interest in understanding how observations performed in these systems relate to the much larger ones created in Pb-Pb collisions. Strangeness production may provide a valuable tool to probe changes in particle production mechanisms.
We report on measurements of the transverse momentum spectra of strange hadrons in pp collisions at 7 TeV with ALICE. To investigate the possibility of collective-like behavior, we study how the pT-differential Lambda/K^0_S ratio is altered with multiplicity.
Furthermore, strangeness production is seen to be enhanced with respect to non-strange particles in pp collisions with progressively higher multiplicity, as evidenced by rising hyperon-to-pion ratios.
These observations are compared to similar measurements performed in p-Pb and Pb-Pb collisions as well as to predictions from QCD-inspired models.

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