

## Charged KK femtoscopy correlations from 7 TeV pp collisions measured by ALICE collaboration.

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We report on the results of charged kaon femtoscopy analysis of the 7 TeV pp collisions at the LHC in the ALICE experiment. KK correlation functions are constructed in 3 multiplicity and 4  $kt$  bins. The KK source parameters are extracted by fitting the correlation functions with Gaussian, describing the source, multiplied by a polynomial background function with free coefficients (baseline). The contributions to the systematic errors from the baseline choice have been studied. The weak increase of the KK  $R_{inv}$  with multiplicity and some evidence on the decrease with  $kt$  was observed in  $kt$  range (0.2-0.8) GeV/c. For the  $kt$  dependence, the charged kaons are found to be complimentary to the neutral ones in their coverage of a larger range in  $kt$  (0.2-2.0) GeV/c and a decrease in the  $R_{inv}$  is observed for increasing  $kt$  as it is also seen in identical two-pion correlations in these collisions.

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