Production measurements of heavy-quarks in pp collisions at √s= 13 TeV with the ALICE detector.

Heavy-flavour production measurements in pp collisions are important tools to test theoretical models based on pertubative quantum chromodymanics (pQCD) and to investigate the heavy-quark hadronization mechanisms. In ALICE, heavy quarks are measured via the hadronic and electronic decay channels at central rapidity ($|\eta|<0.9$), and via the muon decay channels at forward rapidity ($-4<\eta<-2.5$).

In this contribution, the production cross-sections measurements of leptons from heavy-flavour hadron decays are presented and compared to pertubative quantum chromodymanics (pQCD) theoretical calculations. The latest measurements of D^0, D^+,D^{*+} and D^+_s mesons together with the measurements of Λ^+_c , $\Xi^{0,+}_c$, $\Sigma^{0,++}_c$ and the measurement of Ω^0_c baryons performed with the ALICE detector at midrapidity in pp collisions at √s = 13 TeV are also presented. Measurements of charm-baryon production are crucial to study the charm-quark hadronization mechanisms in a partonic rich environment like the one produced in pp collisions at the LHC energies.