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Jet energy scale and resolution measurements at CMS

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Measurement of jet energy scale corrections and resolution, and performance of jet mass scale and resolution based on data collected at a center-of-mass energy of 13 TeV are presented in this report. Jet energy scale corrections at CMS accounts for the effects of pileup, and dependencies of response of jets on transverse momenta and detector non-uniformity. The differences in response measured in data and MC are extracted using QCD multijet, Z+jets, photon+jets and zero bias events. A measurement of differential jet production cross section as a function of groomed jet mass is also presented in this report.

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