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Measurement of the forward-backward asymmetry of high mass Drell-Yan lepton pairs at 13 TeV OZ AMRAM, Johns Hopkins Univ, CMS COLLABORATION — A measurement of the forward-backward asymmetry (A_{FB}) of lepton pairs (dielectron and dimuon) produced via the Drell-Yan process in pp collisions at $\sqrt{s} = 13$ TeV is presented. The data sample corresponds to an integrated luminosity of 36 fb^{-1} collected with the CMS detector at the LHC during 2016. The measurement of A_{FB} is performed for dilepton masses above 150 GeV. Rather than traditional counting methods, the A_{FB} is measured by fitting the dilepton angular distribution to reweigthed Monte Carlo samples. The A_{FB} measurements as a function of dilepton mass are compared with the Standard Model predictions.

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