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Search for Non-resonant excesses from Contact Interactions and Large Extra Dimensions in $\mu^+\mu^-$ and e^+e^- Final States in 13 TeV p-p Collisions at CMS SHAWN ZALESKI, Wayne State University, CMS COLLAB-ORATION — We report results on the search for contact interactions (CI) and large extra dimensions (LED) using data collected during the 2016 run, in proton-proton collisions at the sqrt(s) = 13 TeV by the Compact Muon Solenoid experiment at the Large Hadron Collider at CERN. The analyzed data correspond to luminosities of about 36 fb^1 . The results, for CI, are interpreted in the context of left-left, left-right, and right-right helicity quark and lepton compositeness models with an energy scale parameter Λ_T . Using information from the invariant mass distribution we set 95% confidence level lower limits on Λ , for both destructive and constructive interference models, and on Λ_T .

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