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## Search for EFT in top quark production with additional leptons in CMS

A search for new physics in top quark production with additional final-state leptons is performed with 138 fb<sup>-1</sup> of proton-proton collisions at  $\sqrt{s} = 13$  TeV, collected by the CMS detector during 2016, 2017, and 2018. The search is performed within the context of an effective field theory (EFT) framework, which parametrizes potential new physics effects in terms of 26 dimension-six EFT operators. Kinematic variables are used in a simultaneous fit of the 26 EFT parameters to the data in order to extract the limits, that are consistent with the data.

### Collaboration / Activity

CMS Collaboration

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