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2016 Update of the ttH Multilepton Analysis at 13 TeV

The latest results from the search for a Standard Model Higgs boson produced in association with a top quark pair (ttH) at 13 TeV decaying to final states with multiple leptons is presented using the 2016 dataset from the CMS experiment. The Higgs decays into either WW, ZZ, or tautau, and the top quark pair decays considered are either fully leptonic, or semi-leptonic. The leptons defining the final states are muons and/or electrons. The overall analysis strategy, as well as new techniques with respect to the 2015 results are outlined.

Summary

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