

Feature ranking based on subtraction methods

Wednesday, April 17, 2019 2:20 PM (20 minutes)

The input variables of ML methods in physics analysis are often highly correlated and figuring out which ones are the most important ones for the classification turns out to be a non-trivial task. We compare the standard method of TMVA to rank variables with several newly developed methods based on iterative removal for the use case of a search for top pair associated Higgs production (ttH) in the Higgs to b-pair decay channel.

Preferred contribution length

20 minutes

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Session Classification: Submitted contributions