XGBoost output, DH HDS $m_{Z'}$ 130 dataset, validation data with 30 % syst. unc.
Network trained on DH model with $m_{ll} > 120$ GeV and in 100-150 MET signal region

$\sqrt{s} = 13$ TeV, 139 fb^{-1}, $m_{ll} > 120$ GeV

150 GeV $> E_T^{miss} > 100$ GeV

Legend:
- W
- Diboson
- TTbar
- Single Top
- Drell Yan
- Signal
- Stat. + Syst. Unc.
- Data

Events

Events / Bkg

XGBoost output