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 50-100 MET signal region

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

$\sqrt{s} = 13$ TeV, 139 fb^{-1}, $m_{ll} > 120$ GeV
100 GeV $> E_T^{miss} > 50$ GeV

Y-axis (top panel): Events
Y-axis (bottom panel): Events / Bkg
X-axis: XGBoost output