XGBoost output, DH HDS $m_{Z'}$ 1500 dataset, validation data with 30 % syst. unc.
Network trained on DH model with $m_{ll} > 120$ GeV and in 50-100 MET signal region

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

100 GeV > E_T^{miss} > 50 GeV

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

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