XGBoost output, LV HDS $m_{Z'}$ 130 dataset, validation data with 20 % syst. unc.
Network trained on LV_HDS model

$\sqrt{s}$ = 13 TeV, 139 fb^{-1}, m_{ll} > 110 GeV, uu
> 50 GeV E_T^{miss}

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

Events

Events / Bkg

XGBoost output