

137 fb<sup>-1</sup> (13 TeV)

Events/bin

$\times 10^3$

**CMS**

*Preliminary*



**Observed**



**Z $\rightarrow$ ee/ $\mu\mu$**



**EWKW/Z**



**W+Jets/QCD**



**H $\rightarrow$  $\mu\tau$  (B=10%)**



**Z $\rightarrow$  $\tau\tau$**



**t $\bar{t}$ , t+jets**



**Diboson**



**SM Higgs**



**Bkg. unc.**

60

40

20

0

-0.4

-0.2

0

0.2

BDT Discriminator

