

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

Events/bin

$\times 10^3$

**CMS** Preliminary

Observed

$\mu\tau_h$

$Z \rightarrow ee/\mu\mu$

EWKW/Z

W+Jets/QCD

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

$Z \rightarrow \tau\tau$

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

Diboson

SM Higgs

Bkg. unc.

16

14

12

10

8

6

4

2

0

-0.6

-0.4

-0.2

0

0.2

BDT Discriminator

