

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

Muon + electron channel

3 medium tag region

$C_t = -1.5$ ,  $C_V = 1.5$

*Postfit*

$\mu = 0.4^{+1.4}_{-1.3}$

Events/Bin

1500

1000

500

- Data
- tH(b $\bar{b}$ )
- t $\bar{t}$ +light
- t $\bar{t}$ +c $\bar{c}$
- t $\bar{t}$ +b
- t $\bar{t}$ +b $\bar{b}$
- t $\bar{t}$ +2b
- t/ $\bar{t}$
- t $\bar{t}$ H
- Misc
- Stat.+syst.
- 250x  $\mu$  x tHq
- 250x  $\mu$  x tHW

Data-Pred.  
Pred.

0.5

0

-0.5

-0.5

0

0.5

BDT output

Stat.+syst.

