

CMS

137 fb⁻¹ (13 TeV)

Combined

$$\mu = 0.92^{+0.26}_{-0.23} \left[\begin{array}{l} +0.19 \\ -0.19 \end{array} \text{ (stat)} \quad \begin{array}{l} +0.17 \\ -0.13 \end{array} \text{ (syst)} \right]$$

2lss + 0 τ_h

$$\mu = 1.01^{+0.32}_{-0.29}$$

3l + 0 τ_h

$$\mu = 1.53^{+0.43}_{-0.38}$$

2lss + 1 τ_h

$$\mu = 0.62^{+0.54}_{-0.62}$$

1l + 2 τ_h

$$\mu = 0.36^{+0.51}_{-0.44}$$

2los + 1 τ_h

$$\mu = 0.49^{+0.85}_{-0.77}$$

3l + 1 τ_h

$$\mu = 1.52^{+1.11}_{-0.94}$$

2l + 2 τ_h

$$\mu = 0.00^{+0.31}_{-0.00}$$

4l + 0 τ_h

$$\mu = 1.28^{+1.62}_{-1.25}$$

0l + 2 τ_h

$$\mu = 2.22^{+2.18}_{-2.10}$$

1l + 1 τ_h

$$\mu = 1.80^{+2.20}_{-2.22}$$

-3 -2 -1 0 1 2 3 4 5

Best fit $\mu(\bar{t}tH)$

CMS

137 fb⁻¹ (13 TeV)

Combined

$$\mu = 5.7^{+4.1}_{-4.0} \left[\begin{array}{l} +2.8 \\ -2.7 \end{array} \text{ (stat)} \quad \begin{array}{l} +3.0 \\ -3.0 \end{array} \text{ (syst)} \right]$$

2lss + 0 τ_h

$$\mu = 3.2^{+4.8}_{-4.8}$$

3l + 0 τ_h

$$\mu = 15.5^{+8.1}_{-7.7}$$

2lss + 1 τ_h

$$\mu = 8.1^{+8.2}_{-7.5}$$

-10 -5 0 5 10 15 20 25

Best fit $\mu(tH)$