

138 fb⁻¹ (13 TeV)**CMS** $\tau_\mu \tau_h$ signal region
resolved 2b category

• Data

— $ZZ_{bb\tau\tau}(\text{SM}) \times 1000$ — $X \rightarrow ZZ_{bb\tau\tau}$ $m_X = 400 \text{ GeV}$ $\sigma(\text{pp} \rightarrow X \rightarrow ZZ) = 1 \text{ fb}$ $t\bar{t}$

Drell-Yan

 t, tW

Others

QCD

Events / 20 GeV

 10^5
 10^4
 10^3
 10^2
 10^1

Data / Pred.

1.5
1.0
0.5

200

300

400

500

600

 $m_{ZZ} [\text{GeV}]$

MC stat. uncert.

