

**CMS** Preliminary

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

$pp \rightarrow \tilde{t} \tilde{t}^*, \tilde{t} \rightarrow t \tilde{\chi}_1^0 / \tilde{t} \rightarrow b \tilde{\chi}_1^\pm, \tilde{\chi}_1^\pm \rightarrow W^\pm \tilde{\chi}_1^0$   
NLO+NLL significance  $m_{\tilde{\chi}_1^\pm} = m_{\tilde{\chi}_1^0} + 5 \text{ GeV}$   
observed  $\text{BR}(\tilde{t} \rightarrow t \tilde{\chi}_1^0) = \text{BR}(\tilde{t} \rightarrow b \tilde{\chi}_1^\pm) = 0.5$

