$T6bbWWoff: pp \rightarrow \widetilde{t} \ \widetilde{t}, \ \widetilde{t} \ \rightarrow b \ \widetilde{\chi}_{i}^{\pm}, \ \widetilde{\chi}_{i}^{\pm} \rightarrow W^{*} \ \widetilde{\chi}_{i}^{0}$ $m_{\tilde{t}} = x$, $m_{\tilde{x}^{\pm}} = 0.25 * x + 0.75 * y$, $m_{\tilde{x}^{0}} = y$ 2.2 exclusion (SModelS) 2 250 ±20% (SModelS) 1.8 1.6 200 $\sigma_{\text{signal}}/\sigma_{\text{UI}}$ 1.4 1.2 **>** 150 0.8 100 0.6 0.4 50 0.2 250 350 450 500 550 300 400 \mathcal{X} official plot:

https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13011/fig10b.pdf

CMS-SUS-13-011 (upperLimit)