## $T6ttWW: pp \rightarrow \widetilde{b} \ \widetilde{b}, \ \widetilde{b} \ \rightarrow t \ \widetilde{\chi}_{i}^{+}m, \ \widetilde{\chi}_{i}^{+}m \rightarrow W \ \widetilde{\chi}_{i}^{0}$ $Eq(m_{\widetilde{b}}, x), Eq(m_{\widetilde{\chi}_{,m}^{+}}, y), Eq(m_{\widetilde{\chi}_{,}^{o}}, 50)$ 3 ±20% (SModelS) 450 exclusion (SModelS) 2.5 exclusion (official) 400 $\sigma_{ m signal}/\sigma_{ m UI}$ 350 > 300 1.5 250 200 0.5 150 350 400 450 600 650 500 550 $\chi$ official plot:

(upperLimit)

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https://twiki.cern.ch/twiki/pub/CMSPublic/PhysicsResultsSUS13013/Figure6\_B1a.pdf