ATLAS-SUSY-2013-02 (upperLimit) $T6WW: pp \rightarrow \widetilde{q} \ \widetilde{q}, \ \widetilde{q} \ \rightarrow q \ \widetilde{\chi}_{,}^{\pm}, \ \widetilde{\chi}_{,}^{\pm} \rightarrow W \ \widetilde{\chi}_{,}^{0}$

 $m_{\tilde{q}} = x$, $m_{\tilde{z}^{\pm}} = 0.5 * x + 0.5 * y$, $m_{\tilde{z}^{0}} = y$ exclusion (SModelS) 2.2 800 ±20% (SModelS) 2 exclusion (official) 700 1.8 600 1.6 $\sigma_{\text{signal}}/\sigma_{\text{UI}}$ 1.4 500 1.2 400 300 0.8 0.6 200 0.4 100 0.2 500 700 800 1100 300 400 600 900 1000 \mathcal{X} official plot:

https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-02/figaux_11d.png