Bino/Higgsino Mix Model: \( \tilde{t}_1 \), \( \tilde{b}_1 \) production, \( \Delta m(\tilde{\chi}^0_2, \tilde{\chi}^0_1) = 20-50 \) GeV, March 2018

**ATLAS Preliminary**

\( \sqrt{s} = 13 \) TeV, 36.1 fb\(^{-1}\)

All limits at 95% CL

\( \tilde{t}_1 \rightarrow b \tilde{\chi}^0_{1,2}, t \tilde{\chi}^+_1, b \tilde{\chi}^0_{1,2} \)

\( \tilde{\chi}^+_1 \rightarrow W^* \tilde{\chi}^0_{1,2} \), \( \tilde{\chi}^0_3 \rightarrow W^* \tilde{\chi}^+_1, Z^*/h^* \tilde{\chi}^0_{1,2} \)

\( \tilde{\chi}^0_2 \rightarrow Z^*/h^* \tilde{\chi}^0_1 \)

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- **Best Observed limit** \( \tilde{t}_1 = \tilde{t}_L \) 0L/1L
- **Best Observed limit** \( \tilde{t}_1 = \tilde{t}_R \) 0L/1L
- **Expected limit** 0L [1709.04183]
- **Expected limit** 1L [1711.11520]