Higgsino LSP Model: $\tilde{t}\tilde{t}$ production, $m(\tilde{\chi}_1^\pm) = m(\tilde{\chi}_1^0) + 5$ GeV, $m(\tilde{\chi}_2^0) = m(\tilde{\chi}_1^0) + 10$ GeV, March 2018

**ATLAS** Preliminary

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

All limits at 95% CL

$\tilde{t}_1 \to b\tilde{\chi}_1^0, t\tilde{\chi}_{1,2}^0$ \hspace{1cm} $\tilde{\chi}_1^0 \to W\tilde{\chi}_1^1$

$\tilde{\chi}_2^0 \to h\tilde{\chi}_1^1, Z\tilde{\chi}_1^1$

$\text{BR}(t\tilde{\chi}_2^0 b\tilde{\chi}_1^\pm t\tilde{\chi}_1^0) \approx$

$\tilde{t}_L$, small tan $\beta$: (45,10,45)%

$\tilde{t}_L$, large tan $\beta$: (33,33,33)%

$\tilde{t}_R$: (25,50,25)%