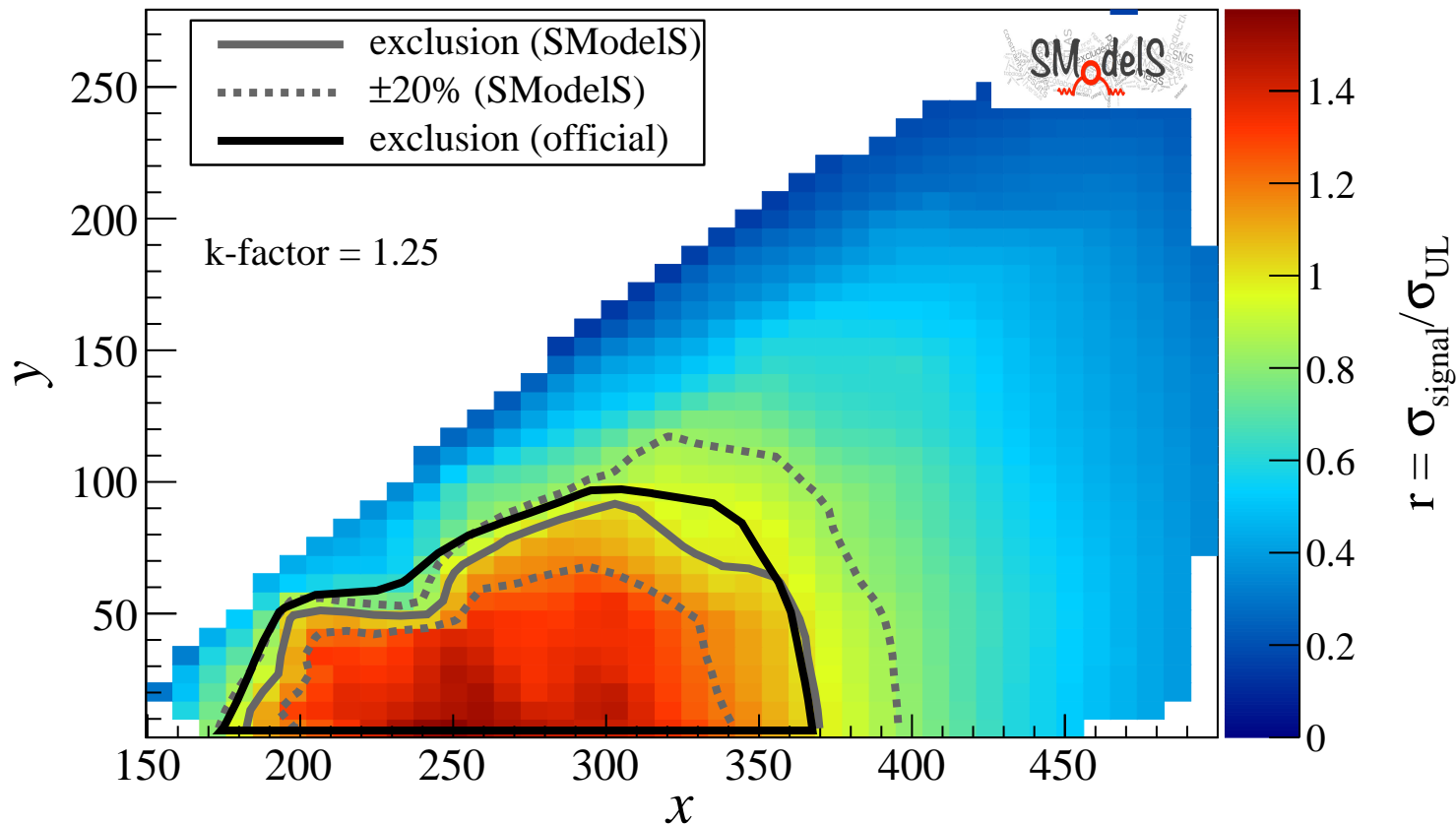# ATLAS-SUSY-2013-11 (upperLimit)

$TChiWZ: pp \rightarrow \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm, \, \tilde{\chi}_2^0 \, \tilde{\chi}_1^\pm \rightarrow Z \, W \, \tilde{\chi}_1^0 \, \tilde{\chi}_1^0$

$m_{\tilde{\chi}_2^0}, \, m_{\tilde{\chi}_1^\pm} = x, \, m_{\tilde{\chi}_1^0} = y$

- exclusion (SModelS)
- ±20% (SModelS)
- exclusion (official)

k-factor = 1.25

y

x

$r = \sigma_{\text{signal}}/\sigma_{\text{UL}}$

official plot:
https://atlas.web.cern.ch/Atlas/GROUPS/PHYSICS/PAPERS/SUSY-2013-11/fig_07a.png