

CMS137.2 fb⁻¹ (13 TeV)

$$pp \rightarrow \tilde{\chi}_i^{0,\pm} \tilde{\chi}_j^{0,\mp} \rightarrow \tilde{\chi}_1^0 \tilde{\chi}_1^0 + X_{\text{soft}} \rightarrow ZZ\tilde{G}\tilde{G} + X_{\text{soft}}$$

$$\text{BR}(\tilde{\chi}_1^0 \rightarrow Z\tilde{G}) = 100\%$$

$$m_{\tilde{\chi}_2^0} \approx m_{\tilde{\chi}_1^\pm} \approx m_{\tilde{\chi}_1^0}, m_{\tilde{G}} = 1 \text{ GeV}$$

----- Expected

 Expected $\pm 1 \sigma$  Expected $\pm 2 \sigma$  Theoretical $\sigma_{\text{NLO+NLL}}$ 