ATLAS Internal 13 TeV Simulation $\rightarrow \tilde{q} \tilde{q} \rightarrow (q \tilde{\chi})(q \tilde{\chi})$ 0.06 $m_{\tilde{q}} = 1400, \, m_{\tilde{\gamma}} = 0$ 0.05 $m_{\tilde{q}} = 1000, \, m_{\tilde{\gamma}} = 200 \, \text{GeV}$ $m_{\tilde{q}} = 800, m_{\tilde{s}} = 200 \text{ GeV}$ 0.04 $m_{\widetilde{q}} = 600, \, m_{\widetilde{\gamma}} = 400 \, \, \text{GeV}$ 0.03 0.02 0.01 0.2 -0.8 -0.6 -0.4 -0.20.4 $\cos \theta_{pp}$