ATLAS Internal 13 TeV Simulation $\Rightarrow \widetilde{q} \ \widetilde{q} \rightarrow (q \ \widetilde{\chi})(q \ \widetilde{\chi})$ 0.09 $m_{\tilde{q}} = 1400, \, m_{\tilde{\gamma}} = 0$ 0.08 $m_{\widetilde{q}} = 1000, \, m_{\widetilde{\chi}} = 200 \, \text{GeV}$ 0.07 $m_{\tilde{q}} = 800, m_{\tilde{\gamma}} = 200 \text{ GeV}$ 0.06 $m_{\tilde{q}} = 600, m_{\tilde{z}} = 400 \text{ GeV}$ 0.05 0.04 0.03 0.02 0.01 0.30.40.5 0.6 0.7 0.8 $2 P_{Ii} / (P_{V1i} + P_{V2i} + P_{Ii})$