CMS Simulation $35.9 \text{ fb}^{-1} (13 \text{ TeV})$ SVJ 3000 20 0.5 peak (MadGraph) SVJ 3000 50 0.3 peak (Pythia) 10³ SVJ 3000 20 0.5 peak (Pythia) SVJ 4000 20 0.3 peak (MadGraph) SVI 3000 50 0.3 peak (MadGraph) SVJ 4000 20 0.3 peak (Pythia) Number of Events / 40.00 10^{2} 10¹ 10⁰ 10^{-1} 750 250 500 1000 1500 1750 1250 2000 $p_{\mathsf{T}}^{j_{1,2}}$ [GeV]