Significance on LV LDS ee, trained network on SR2 *m*_{Z′} 130 GeV *m*_{Z′} 200 GeV *m*_{Z′} 400 GeV $m_{Z^{\prime}}$ 600 GeV Expected significance [σ] 0 0 $_{_{\mathrm{L}}}^{\mathrm{O}}$ 0.2 0.0 0.4 0.6 8.0 1.0 XGBoost output