Significance on DH LDS ee, trained network on SR1 *m*_{Z′} 130 GeV *m*_{Z′} 200 GeV *m*_{Z′} 400 GeV 10^{-1} m_{Z^\prime} 600 GeV Expected significance $[\sigma]$ 8 \times 10 $^{-2}$ 4×10^{-2} 3×10^{-2} 0.2 0.4 0.0 0.6 8.0 1.0 XGBoost output