XGBoost output, SUSY I125 n105 MET75 uu dataset, uscaled validation data Background Signal  $10^{6}$ 10<sup>5</sup>  $10^{4}$ Events  $10^{3}$ 10<sup>2</sup>  $10^{1}$ 0.2 0.0 0.4 0.6 8.0 1.0

XGBoost output