VBF signal in VBF category .02Bkg_rejection (1-eff) ATLAS Work in progress √s = 13 TeV Efficiency =.99 Cut-based RNN score ~ 0.8 0.98 0.97 HVT VBF WZ vvqq 700 0.96 HVT_VBF_WZ_vvqq_1000 0.95 HVT_VBF_WZ_vvqq_2000 0.94 0.93