

Analysis categories	$\mathcal{D}_{\text{bkg}}^{\text{VHhad}}$	$\mathcal{D}_{\text{BSM}}^{\text{VHhad}}$
V(had)H SM Tag0	< 0.08	< 0.56
V(had)H SM Tag1	$0.08 < \mathcal{D}_{\text{bkg}}^{\text{VHhad}} < 0.25$	< 0.45
V(had)H SM Tag2	$0.25 < \mathcal{D}_{\text{bkg}}^{\text{VHhad}} < 0.54$	< 0.29
V(had)H BSM Tag0	< 0.066	> 0.89
V(had)H BSM Tag1 (excluding cat. V(had)H BSM Tag0)	< 1.0	> 0.75