

Analysis categories	$\mathcal{D}_{\text{STXS}}$ range	$\mathcal{D}_{\text{BSM}}$ range
Z(lep)H Tag0	$0.229 < \mathcal{D}_{\text{STXS}}^{\text{ZHlep}} < 1.00$	$-0.68 < \mathcal{D}_{\text{BSM}}^{\text{ZHlep}} < 1.00$
Z(lep)H Tag1	$-0.135 < \mathcal{D}_{\text{STXS}}^{\text{ZHlep}} < 0.229$	$-0.16 < \mathcal{D}_{\text{BSM}}^{\text{ZHlep}} < 1.00$
W(lep)H Tag0	$0.385 < \mathcal{D}_{\text{STXS}}^{\text{WHlep}} < 1.00$	$0.79 < \mathcal{D}_{\text{BSM}}^{\text{WHlep}} < 1.00$
W(lep)H Tag1	$0.385 < \mathcal{D}_{\text{STXS}}^{\text{WHlep}} < 1.00$	$-0.68 < \mathcal{D}_{\text{BSM}}^{\text{WHlep}} < 0.79$
W(lep)H Tag2	$0.125 < \mathcal{D}_{\text{STXS}}^{\text{WHlep}} < 0.385$	$0.89 < \mathcal{D}_{\text{BSM}}^{\text{WHlep}} < 1.00$
W(lep)H Tag3	$0.125 < \mathcal{D}_{\text{STXS}}^{\text{WHlep}} < 0.385$	$-0.68 < \mathcal{D}_{\text{BSM}}^{\text{WHlep}} < 0.89$
V(MET)H Tag0	$0.798 < \mathcal{D}_{\text{STXS}}^{\text{VHMET}} < 1.00$	$0.86 < \mathcal{D}_{\text{BSM}}^{\text{VHMET}} < 1.00$
V(MET)H Tag1	$0.798 < \mathcal{D}_{\text{STXS}}^{\text{VHMET}} < 1.00$	$-1.00 < \mathcal{D}_{\text{BSM}}^{\text{VHMET}} < 0.86$
V(MET)H Tag2	$0.619 < \mathcal{D}_{\text{STXS}}^{\text{VHMET}} < 0.798$	$0.92 < \mathcal{D}_{\text{BSM}}^{\text{VHMET}} < 1.00$
V(MET)H Tag3	$0.619 < \mathcal{D}_{\text{STXS}}^{\text{VHMET}} < 0.798$	$-1.00 < \mathcal{D}_{\text{BSM}}^{\text{VHMET}} < 0.92$