

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