

Categories	V tag	H tag
$V^{\text{HP}}H_{bb}$	$\tau_{21} \leq 0.5$	b tag
$V^{\text{LP}}H_{bb}$	$0.5 < \tau_{21} < 0.75$	b tag
$V^{\text{HP}}H_{WW}^{\text{HP}}$	$\tau_{21} \leq 0.5$	$\tau_{42} \leq 0.55$
$V^{\text{LP}}H_{WW}^{\text{HP}}$	$0.5 < \tau_{21} < 0.75$	$\tau_{42} \leq 0.55$
$V^{\text{HP}}H_{WW}^{\text{LP}}$	$\tau_{21} \leq 0.5$	$0.55 < \tau_{42} < 0.65$