

Variable	SR	V+HF	V+LF	$t\bar{t}$
Max (b tag score of b_1 and b_2)	\geq medium	\geq medium	< loose	\geq tight
Min (b tag score of b_1 and b_2)	\geq loose	\geq loose	< loose	\geq loose
m^V	$\in [75, 105]$	$\in [85, 97]$	$\in [75, 105]$	$\in [10, 75]$ or ≥ 120
$M(b_1, b_2)$	$\in [90, 150]$	$\notin [90, 150]$ and > 50 and < 250	$\in [90, 150]$	$\in [50, 250]$