

Category	Discriminant
$H \rightarrow c\bar{c}$ SR	$\mathcal{D}_{t\bar{t}H(H \rightarrow c\bar{c})}$
$H \rightarrow b\bar{b}$ SR	$\mathcal{D}_{t\bar{t}H(H \rightarrow b\bar{b})}$
$Z \rightarrow c\bar{c}$ SR	$\mathcal{D}_{t\bar{t}Z(Z \rightarrow c\bar{c})}$
$Z \rightarrow b\bar{b}$ SR	$\mathcal{D}_{t\bar{t}Z(Z \rightarrow b\bar{b})}$
$t\bar{t} + \text{light}$ CR	$\mathcal{D}_{t\bar{t} + \text{light}} / \mathcal{D}_{t\bar{t} + \text{jets}}$
$t\bar{t} + c$ CR	$\mathcal{D}_{t\bar{t} + c} / \mathcal{D}_{t\bar{t} + \text{jets}}$
$t\bar{t} + \geq 2c$ CR	$\mathcal{D}_{t\bar{t} + \geq 2c} / \mathcal{D}_{t\bar{t} + \text{jets}}$
$t\bar{t} + b$ CR	$\mathcal{D}_{t\bar{t} + b} / \mathcal{D}_{t\bar{t} + \text{jets}}$
$t\bar{t} + \geq 2b$ CR	$\mathcal{D}_{t\bar{t} + \geq 2b} / \mathcal{D}_{t\bar{t} + \text{jets}}$