

$W(\rightarrow \ell \nu) + j$ CR
 $m_T > 70 \text{ GeV}$

QCD CR
fail track iso.

$Z(\rightarrow \ell \ell) + j$ CR
2 leptons

top CR
 ≥ 1 b-tag

signal region

SS VR
 $q(\ell)q(\tau_{\text{had}}) = 1$