

Variable	Selection
$Z \rightarrow \ell\ell$ candidate multiplicity	$=1$
$p_T(Z)$	$>100$ GeV
AK4 jet multiplicity	$\geq 3$
$H_T$	$>200$ GeV
$p_T$ of leading AK4 jet	$>100$ GeV
$p_T$ of subleading AK4 jet	$>50$ GeV
b-tagged AK4 jet multiplicity	$\geq 1$
$p_T$ of bjet	$>50$ GeV
$S_T$	$>1000$ GeV