

Subcategories	Selection
<u>Global selection</u>	
—	$p_{T1} > 25 \text{ GeV}, p_{T2} > 20 \text{ GeV}, p_{T3} > 15 \text{ GeV}$ $Q_{3l} = \pm 1, \min(m_{\ell\ell}) > 12 \text{ GeV}, \Delta\eta_{\ell\ell} > 2.0$ $p_T^{\text{miss}} > 30 \text{ GeV}, \tilde{m}_H > 50 \text{ GeV}$ No jets with $p_T > 30 \text{ GeV}$ , no b-tagged jet with $p_T > 20 \text{ GeV}$
<u>Signal region</u>	
OSSF	OSSF lepton pair, $ m_{\ell\ell} - m_Z  > 20 \text{ GeV}, p_T^{\text{miss}} > 40 \text{ GeV}$
SSSF	No OSSF lepton pair
<u>Control region</u>	
WZ	OSSF lepton pair, $ m_{\ell\ell} - m_Z  < 20 \text{ GeV}$ $p_T^{\text{miss}} > 45 \text{ GeV}, m_{3l} > 100 \text{ GeV}$
Z $\gamma$	OSSF lepton pair, $ m_{\ell\ell} - m_Z  < 20 \text{ GeV}$ $p_T^{\text{miss}} < 40 \text{ GeV}, 80 < m_{3l} < 100 \text{ GeV}$