

Subcategories	Selection
<u>Global selection</u>	
—	$p_{T1} > 25 \text{ GeV}, p_{T2} > 20 \text{ GeV}$ $m_{\ell\ell} > 12 \text{ GeV}, \Delta\eta_{\ell\ell} < 2, p_T^{\text{miss}} > 30 \text{ GeV}$ $\tilde{m}_H > 50 \text{ GeV}, \text{ no b-tagged jet with } p_T > 20 \text{ GeV}$
<u>Signal region</u>	
1-jet $e\mu(\mu\mu)$	One jet with $p_T > 30 \text{ GeV}$ $e\mu(\mu\mu)$ pair with same charge
2-jet $e\mu(\mu\mu)$	At least two jets with $p_T > 30 \text{ GeV}, m_{jj} < 100 \text{ GeV}$ $e\mu(\mu\mu)$ pair with same charge
<u>Control region</u>	
WZ	Shared with ZH3 ℓ