

Variable	Selection
Number of leptons	2 ( $e\mu$ of opposite charge)
$p_{\text{T}}^{\ell 1}$	$>25$ GeV
$p_{\text{T}}^{\ell 2}$	$>13$ GeV (10 GeV for 2016 data)
$m_{\ell\ell}$	12–76.2 GeV or $>106.2$ GeV
$p_{\text{T}}^{\ell\ell}$	$>30$ GeV
$p_{\text{T}}^{\text{miss}}$	$>20$ GeV
$m_{\text{T}}^{\ell 2}$	$>30$ GeV
$m_{\text{T}}^{\text{H}}$	60–125 GeV
$N_{\text{jet}}$ (b jets)	0