

Variable	SR selection criteria
N_ℓ	2 ($\mu\mu, \mu e, ee$)
$q(\ell_1)q(\ell_2)$	-1
$p_T(\ell_1), p_T(\ell_2)$	[5, 30] GeV
$p_T(\mu_2)$ for high- p_T^{miss} \tilde{t} -like SR	[3.5, 30] GeV
$ \eta_\mu $	<2.4
$ \eta_e $	<2.5
IP_{3D}	<0.01 cm
SIP_{3D}	<2
$\text{Iso}_{\text{rel}}(\ell_{1,2})$	<0.5
$\text{Iso}_{\text{abs}}(\ell_{1,2})$	<5 GeV
$p_T(\text{jet})$	>25 GeV
$ \eta (\text{jet})$	<2.4
N_b ($p_T > 25$ GeV, CSV)	0
$M(\ell\ell)$	[4, 9] or [10.5, 50] GeV (for $\mu\mu$ and ee)
$p_T(\ell\ell)$	>3 GeV
p_T^{miss}	>125 GeV (for $\mu\mu$)
	>200 GeV (for $\mu e, ee$)
p_T^{miss} (muon corrected)	>125 GeV (for $\mu\mu$)
	>200 GeV (for $\mu e, ee$)
p_T^{miss} / H_T	[0.6, 1.4]
H_T	>100 GeV
$M(\tau\tau)$	veto [0, 160] GeV
$M_T(\ell_i, p_T^{\text{miss}}), i = 1, 2$	<70 GeV (electroweakino selection only)