

Variable	Prompt $\mu\mu$	Prompt $\mu\mu/ee$	Prompt 3ℓ	
	Low- p_T^{miss}	Higher- p_T^{miss}	Low- p_T^{miss}	Higher- p_T^{miss}
N_{lep}	2	2	3	3
$p_T(\ell_{1,2})[\text{GeV}]$ for e (μ)	(5, 30)	(1(3.5), 30)	(5, 30)	(1(3.5), 30)
$p_T(\ell_3)[\text{GeV}]$ for e (μ)	—	—	(5, 30)	(1(3.5), 30)
1 OS pair			✓	
1 OSSF pair			✓	
$\Delta R(\ell_i \ell_j)$ ($i, j = 1, 2, 3, i \neq j$)	—	> 0.05	—	> 0.05
$m_{\text{SFOS}}(\ell\ell)$ ($m_{\text{SFOS}}^{\text{min}}(\ell\ell)$ in 3ℓ) [GeV]	(4, 50)	(0.1, 50)	(4, 50)	(0.1, 50)
$m_{\text{SFAS}}^{\text{max}}(\ell\ell)$ (AS=any sign) [GeV]	—	—	< 60	—
$m_{\text{SFOS}}(\ell\ell)$ ($m_{\text{SFOS}}^{\text{min}}(\ell\ell)$ in 3ℓ) [GeV]		veto (3, 3.2) and (9, 10.5)		
$p_T(\ell\ell)[\text{GeV}]$		> 3		—
Leading jet “tight lepton veto”		✓		—
$m_T(\ell_i, p_T^{\text{miss}})[\text{GeV}]$ ($i = 1, 2$)		< 70		—
$H_T[\text{GeV}]$			> 100	
p_T^{miss}/H_T		(2/3, 1.4)		—
$N_b(p_T > 25 \text{ GeV})$			$= 0$	
$m_{\tau\tau}[\text{GeV}]$		veto (0, 160)		—
$p_T(\ell_i)/m(\ell\ell)$	$p_T(\ell_2) > 0.6 + 0.25m_{\text{SFOS}}(\ell\ell)$		$p_T(\ell_3) > 0.6 + 0.25m_{\text{SFOS}}^{\text{min}}(\ell\ell)$	
$\max(\Delta\phi(\ell_i, p_T^{\text{miss}}))$ ($i = 1, 2$)		< 1.5		—