

Label	Lepton ID	N_{lep}	$N_{\text{jet}}^{\text{S}}$	$N_{\text{b/SV}}^{\text{S}}$	$p_{\text{T}}^{\text{ISR}}$	γ_{\perp}	$N_{\text{b tag}}^{\text{ISR}}$	M_{\perp} [GeV]	R_{ISR}
b+jets low ΔM 1L	μ^{-}	1	0	0	high	incl	0	[0, 10]	[0.98, 1]
b+jets	OSSF	2	0	0	high	high	0	[0, 15]	[0.95, 1]
low ΔM 2L	OSSF	2	0	0	high	high	0	[0, 15]	[0.95, 1]
	Z/no Z	2	1	0	high	high	0	[0, 30]	[0.85, 1]
	Z	2	≥ 2	0	high	high	0	[0, ∞]	[0.9, 1]
SV	-	0	0	≥ 2	low	low	≥ 1	[5, ∞]	[0.985, 1]
	l^{-}	1	0	≥ 1	low	low	≥ 1	[0, 10]	[0.98, 1]
	l^{\pm}	1	1	≥ 1	low	low	≥ 1	[0, ∞]	[0.95, 1]
	ll	2	0	≥ 1	low	low	≥ 1	[0, 15]	[0.95, 1]
b+jets	-	0	4	1	high	incl	0	[0, ∞]	[0.85, 1]
moderate ΔM	-	0	4	2	high	incl	≥ 1	[0, ∞]	[0.85, 1]
	-	0	≥ 5	1	high	low	0	[0, ∞]	[0.8, 1]
	-	0	≥ 5	≥ 2	high	low	≥ 1	[0, ∞]	[0.8, 1]
	l	1	2	1	high	high	0	[0, ∞]	[0.9, 1]
	l	1	2	2	high	high	≥ 1	[0, ∞]	[0.9, 1]
	l	1	3	1	high	high	0	[0, ∞]	[0.85, 1]
	l	1	3	≥ 2	high	high	≥ 1	[0, ∞]	[0.85, 1]
	l	1	≥ 4	1	high	high	0	[0, ∞]	[0.8, 1]
	l	1	≥ 4	≥ 2	high	high	≥ 1	[0, ∞]	[0.8, 1]
	Z	2	1	≤ 1	high	high	0	[0, ∞]	[0.9, 1]
	Z	2	≥ 2	≤ 1	high	high	0	[0, ∞]	[0.85, 1]
	noZ	2	1	≤ 1	high	high	0	[0, ∞]	[0.9, 1]
	noZ	2	≥ 2	≤ 1	high	high	0	[0, ∞]	[0.85, 1]
Electroweak	OSSF	2	0	0	high	high	0	[0, 15]	[0.95, 1]
	Z	2	1	0	high	incl	0	[0, ∞]	[0.9, 1]
	Z	2	≥ 2	0	high	incl	0	[0, ∞]	[0.85, 1]
	Z	3	0	0	low	incl	≥ 1	[0, ∞]	[0.9, 1]
	Z	3	≥ 1	0	low	incl	≥ 1	[0, ∞]	[0.85, 1]
2L OSSF	OSSF	2	0	0	high	incl	0	[0, 15]	[0.95, 1]
3L	Z	3	0	0	low	incl	≥ 1	[0, ∞]	[0.9, 1]
	Z	3	≥ 1	0	low	incl	≥ 1	[0, ∞]	[0.85, 1]
	noZ	3	0	0	low	incl	≥ 1	[0, ∞]	[0.9, 1]
	noZ	3	≥ 1	0	low	incl	≥ 1	[0, ∞]	[0.85, 1]
	SS	3	incl	0	low	incl	≥ 1	[0, ∞]	[0.9, 1]