

Label	$m_{\text{LQ}}^{\text{reco}}$	Variable	Electron channel		Muon channel	
			Variable range	Bin range	Variable range	Bin range
VR1	< 750	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	500–1000	1–5	500–1000	1–5
VR1	750–1300	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	400–1200	6–9	500–1500	6–10
VR1	1300–1600	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	400–1200	10–13	400–1200	11–14
VR1	1600–2200	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	400–1200	14–17	500–1300	15–18
VR1	> 2200	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	600–1200	18–20	600–1200	19–21
VR2	–	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	200–1600	21–27	200–1600	22–28
VR3	–	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	200–1400	28–33	200–1600	29–35
VR4	< 750	$L_{\text{T}} + p_{\text{T}}^{\text{miss}} + H_{\text{T}}^{\text{AK12}}$	700–1500	34–37	700–1500	36–39
VR4	> 750	$L_{\text{T}} + p_{\text{T}}^{\text{miss}} + H_{\text{T}}^{\text{AK12}}$	700–1600	38–40	600–2000	40–41
VR5	–	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	400–1200	41–44	400–1600	42–47
VR6	–	$L_{\text{T}} + p_{\text{T}}^{\text{miss}}$	–	45	–	48