

| Label | $m_{\text{LQ}}^{\text{reco}}$ | Variable   | Electron channel |           | Muon channel   |           |
|-------|-------------------------------|--|------------------|-----------|----------------|-----------|
|       |                               |  | Variable range   | Bin range | Variable range | Bin range |
| SR1   | $< 750$                       | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 500–1300         | 1–8       | 500–1300       | 1–8       |
| SR1   | 750–1300                      | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 400–1600         | 9–14      | 500–1700       | 9–14      |
| SR1   | 1300–1600                     | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 400–1600         | 15–20     | 400–1600       | 15–20     |
| SR1   | 1600–2200                     | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 400–1600         | 21–26     | 500–1700       | 21–26     |
| SR1   | $> 2200$                      | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 600–1800         | 27–32     | 600–1800       | 27–32     |
| SR2   | –                             | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 200–1600         | 33–39     | 200–1800       | 33–40     |
| SR3   | –                             | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 200–1400         | 40–45     | 200–1600       | 41–47     |
| SR4   | $< 750$                       | $L_{\text{T}} + p_{\text{T}}^{\text{miss}} + H_{\text{T}}^{\text{AK12}}$ | 500–1900         | 46–52     | 700–2100       | 48–54     |
| SR4   | 750–1400                      | $L_{\text{T}} + p_{\text{T}}^{\text{miss}} + H_{\text{T}}^{\text{AK12}}$ | 700–2200         | 53–57     | 700–2500       | 55–60     |
| SR4   | $> 1400$                      | $L_{\text{T}} + p_{\text{T}}^{\text{miss}} + H_{\text{T}}^{\text{AK12}}$ | –                | 58        | –              | 61        |
| SR5   | –                             | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | 400–1400         | 59–63     | 400–1600       | 62–67     |
| SR6   | –                             | $L_{\text{T}} + p_{\text{T}}^{\text{miss}}$                              | –                | 64        | 400–800        | 68–69     |