

| | All-hadronic SRs | | | Single-lepton SRs | | | Dilepton SRs | |
|--|---------------------------------|---------------------------------|---------------------|---------------------------------|---------------------------------|---------------------|---------------------|---------------------|
| | $0\ell, 1\text{ b}, 0\text{FJ}$ | $0\ell, 1\text{ b}, 1\text{FJ}$ | $0\ell, 2\text{ b}$ | $1\ell, 1\text{ b}, 0\text{FJ}$ | $1\ell, 1\text{ b}, 1\text{FJ}$ | $1\ell, 2\text{ b}$ | $2\ell, 1\text{ b}$ | $2\ell, 2\text{ b}$ |
| n_{lep} | | $= 0$ | | | $= 1$ | | | $= 2$ |
| n_{jet} | | ≥ 3 | | | ≥ 2 | | | ≥ 1 |
| n_{b} | $= 1$ | $= 1$ | ≥ 2 | $= 1$ | $= 1$ | ≥ 2 | $= 1$ | ≥ 2 |
| Forward jets | $= 0$ | ≥ 1 | — | $= 0$ | ≥ 1 | — | — | — |
| $p_{\text{T}}(\text{j}_1)/H_{\text{T}}$ | — | — | < 0.5 | | — | | | — |
| $p_{\text{T}}^{\text{miss}}$ [GeV] | | > 250 | | | > 250 | | | — |
| m_{T} [GeV] | | — | | | > 140 | | | — |
| $m_{\text{T}2}^{\text{W}}$ [GeV] | | — | | | > 180 | | | — |
| $\min \Delta\phi(\text{j}_{1,2}, \vec{p}_{\text{T}}^{\text{miss}})$ [rad.] | | > 0.8 | | | > 0.8 | | | — |
| m_{T}^{b} [GeV] | | > 140 | | | > 140 | | | — |
| $m_{\ell\ell}$ [GeV] | | — | | | — | | | > 20 |
| $ m_{\ell\ell} - m_{\text{Z}} $ [GeV] | | — | | | — | | | > 15 (SF) |
| $m_{\text{T}2}^{\ell\ell}$ [GeV] | | — | | | — | | | > 80 |
| Pass $\text{t}\bar{\text{t}}$ reco | | — | | | — | | — | yes |