

| | AH | | | | SL | | DL | | |
|---|----------------------|-----------------|---------------|------------|----------------------|-----------------|----------------------|------------|----------------|
| | $t\bar{t}(1\ell)$ CR | $W(\ell\nu)$ CR | $Z(2\ell)$ CR | QCD CR | $t\bar{t}(2\ell)$ CR | $W(\ell\nu)$ CR | $t\bar{t}(2\ell)$ VR | DY CR | $t\bar{t}Z$ CR |
| n_b | ≥ 1 | $= 0$ | $= 0$ | ≥ 1 | ≥ 1 | $= 0$ | ≥ 1 | $= 1$ | ≥ 1 |
| n_{lep} | $= 1$ | $= 1$ | $= 2$ | $= 0$ | $= 2$ | $= 1$ | $= 2$ | $= 2$ (SF) | $= 3$ |
| n_{jet} | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 3 | ≥ 2 | ≥ 2 | ≥ 1 | ≥ 1 | ≥ 3 |
| $p_{\text{T}}^{\text{miss}}$ [GeV] | ≥ 250 | ≥ 250 | ≥ 250 | ≥ 250 | ≥ 250 | ≥ 250 | — | — | — |
| M_{T} [GeV] | ≤ 140 | ≤ 140 | — | — | — | ≥ 140 | — | — | — |
| $\min \Delta\phi(j_{1,2}, \vec{p}_{\text{T}}^{\text{miss}})$ [rad.] | ≥ 0.8 | — | — | < 0.8 | — | — | — | — | — |
| $m_{\ell\ell}$ [GeV] | — | — | [60, 120] | — | — | — | > 20 | — | — |
| $ m_{\ell\ell} - m_Z $ [GeV] | — | — | — | — | — | — | > 15 (SF) | < 15 | < 10 (OS SF) |
| $m_{\text{T}2}^{\ell\ell}$ [GeV] | — | — | — | — | ≤ 80 | ≤ 80 | ≤ 80 | ≥ 80 | — |
| Included in fit? | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes |