

| Object | Selection | Control Regions | | Validation Regions | | |
|---------------------|---------------------|-----------------|--------------------|--------------------|-------------|--------------------|
| | | $\ell\tau_h$ | $\ell\tau_h\tau_h$ | $e\tau_h$ | $\mu\tau_h$ | $\ell\tau_h\tau_h$ |
| Displaced electrons | N | — | — | — | $=1$ | — |
| | p_T | — | — | — | >10 | — |
| | $ \eta $ | — | — | — | <2.5 | — |
| | I_{rel} | — | — | — | <0.25 | — |
| Displaced muons | N | — | — | $=1$ | — | — |
| | p_T | — | — | >10 | — | — |
| | $ \eta $ | — | — | <2.4 | — | — |
| | I_{rel} | — | — | <0.25 | — | — |
| τ_h objects | $ Q_{*\tau_h} $ | — | $=2$ | — | — | — |
| b jets | N | — | — | ≥ 0 | ≥ 0 | $=0$ |
| t^{res} | N | $=1$ | — | — | — | — |
| Event-based | p_T^{miss} | <40 | — | — | — | — |
| | S_T | — | >0 | — | — | >0 |
| | | | | | | <400 |