

	single-e: $p_T > 25$ (32) GeV cross-e: electron $p_T > 24$ GeV, $\tau_h p_T > 30$ GeV
Online p_T trigger thresholds	single- μ : $p_T > 22$ (24) GeV cross- μ : muon $p_T > 19$ (20) GeV, $\tau_h p_T > 20$ (27) GeV ditau: $p_T > 35$ GeV, ditau VBF: $p_T > 20$ GeV
Offline p_T thresholds	online threshold +1 GeV (electrons and muons) online threshold +5 GeV (τ_h candidates)
η thresholds	electrons and muons: $ \eta < 2.1$ tau: $ \eta < 2.1$ (2.3) for ditau and cross (single) triggers
Lepton ID and isolation	tight electron BDT ID + isolation tight muon ID and isolation
τ_h ID ($\tau_e \tau_h$, $\tau_\mu \tau_h$ channels)	medium DEEPTAUVSJET tight DEEPTAUVSMU very-loose DEEPTAUVSELE
τ_h ID ($\tau_h \tau_h$ channel)	medium DEEPTAUVSJET very-loose DEEPTAUVSMU very-very-loose DEEPTAUVSELE
Distance to PV	$ d_{xy} < 0.045$ cm (electrons and muons only) $ d_z < 0.2$ cm
Pair selections	opposite-sign, $\Delta R > 0.5$