Common preselection	
$E_{\mathrm{T}}^{\mathrm{miss}}$ quality	Filters related to beam and instrumental effects, and reconstruction failures
Lepton/photon vetoes	$p_{\mathrm{T}} > 10$, 10, 25 GeV for isolated tracks, leptons, photons (respectively) and $\lvert\eta\rvert < 2.5$
Jet j_i acceptance	Consider each jet j_i that satisfies $p_{\mathrm{T}}^{\mathrm{j}_i} > 40$ GeV and $\lvert\eta^{\mathrm{j}_1}\rvert < 3$
Jet j_1 acceptance	$p_{\mathrm{T}}^{\mathrm{j}_1} > 100$ GeV and $\lvert\eta^{\mathrm{j}_1}\rvert < 2.5$
Jet j_2 acceptance	$p_{\mathrm{T}}^{\mathrm{j}_2} < 40$ GeV (monojet), $40 < p_{\mathrm{T}}^{\mathrm{j}_2} < 100$ GeV (asymmetric), $p_{\mathrm{T}}^{\mathrm{j}_2} > 100$ GeV (symmetric)
Forward jet veto	Veto events containing a jet satisfying $p_{\mathrm{T}} > 40$ GeV and $\lvert\eta\rvert > 3$
Jets below threshold	$H_{\mathrm{T}}^{\mathrm{miss}}/E_{\mathrm{T}}^{\mathrm{miss}} < 1.25$
Energy sums	$H_{\mathrm{T}} > 200$ GeV and $H_{\mathrm{T}}^{\mathrm{miss}} > 130$ GeV
Event categorisation	
n_{jet}	1 (monojet), 2, 3, 4, $\geq$5 (asymmetric), 2, 3, 4, $\geq$5 (symmetric)
n_{b}	0, 1, 2, $\geq$3 ($n_{\mathrm{b}} \leq n_{\mathrm{jet}}$)
H_{T} (GeV)	200, 250, 300, 350, 400, 500, 600, $>$ 800 GeV (bins can be dropped/merged *vs.* n_{jet}, Table **??**)
Signal region (SR)	Preselection +
QCD multijet rejection	$\alpha_{\mathrm{T}} > 0.65$, 0.60, 0.55, 0.53, 0.52, 0.52, 0.52 (mapped to H_{T} bins in range $200 < H_{\mathrm{T}} < 800$ GeV)
QCD multijet rejection	$\Delta\phi^*_{\mathrm{min}} > 0.5$ ($n_{\mathrm{jet}} \geq 2$) or $\Delta\phi^{*\,25}_{\mathrm{min}} > 0.5$ ($n_{\mathrm{jet}} = 1$)
Control regions (CR)	Preselection +
Multijet-enriched	SR + $H_{\mathrm{T}}^{\mathrm{miss}}/E_{\mathrm{T}}^{\mathrm{miss}} > 1.25$ (inverted)
γ + jets	1γ with $p_{\mathrm{T}} > 200$ GeV, $\lvert\eta\rvert < 1.45$, $\Delta R(\gamma, \mathrm{j}_i) > 1.0$, $H_{\mathrm{T}} > 400$ GeV, same α_{T} req. as SR
μ + jets	1μ with $p_{\mathrm{T}} > 30$ GeV, $\lvert\eta\rvert < 2.1$, $I^{\mu}_{\mathrm{rel}} < 0.1$, $\Delta R(\mu, \mathrm{j}_i) > 0.5$, $30 < m_{\mathrm{T}}(\vec{p}^{\,\mu}_{\mathrm{T}}, \vec{p}^{\,\mathrm{miss}}_{\mathrm{T}}) < 125$ GeV
$\mu^{\pm}\mu^{\mp}$ + jets	2μ with $p_{\mathrm{T}} > 30$ GeV, $\lvert\eta\rvert < 2.1$, $I^{\mu}_{\mathrm{rel}} < 0.1$, $\Delta R(\mu_{1,2}, \mathrm{j}_i) > 0.5$, $\lvert m_{\mu\mu} - m_{\mathrm{Z}}\rvert < 25$ GeV