

Variable	Description	0-lepton	1-lepton	2-lepton
$p_T(\mathbf{V})$	vector boson transverse momentum	✓	✓	✓
$\Delta R(\ell, \ell)$	angular separation between the two leptons	—	—	✓
$p_T(\mathbf{H}_{\text{cand}})$	$\mathbf{H}_{\text{cand}}$ transverse momentum	✓	✓	✓
$ \eta(\mathbf{H}_{\text{cand}}) $	absolute value of the $\mathbf{H}_{\text{cand}}$ pseudorapidity	✓	—	—
$\Delta\phi(\mathbf{V}, \mathbf{H}_{\text{cand}})$	azimuthal angle between vector boson and $\mathbf{H}_{\text{cand}}$	✓	✓	✓
$p_T^{\text{miss}}$	missing transverse momentum	—	✓	—
$\Delta\eta(\mathbf{H}_{\text{cand}}, \ell)$	difference in pseudorapidity between $\mathbf{H}_{\text{cand}}$ and the lepton	—	✓	—
$\Delta\eta(\mathbf{H}_{\text{cand}}, \mathbf{V})$	difference in pseudorapidity between $\mathbf{H}_{\text{cand}}$ and vector boson	—	—	✓
$\Delta\eta(\mathbf{H}_{\text{cand}}, \mathbf{j})$	min. difference in pseudorapidity between $\mathbf{H}_{\text{cand}}$ and small- $R$ jets	✓	✓	✓
$\Delta\eta(\ell, \mathbf{j})$	min. difference in pseudorapidity between the lepton and small- $R$ jets	—	✓	—
$\Delta\eta(\mathbf{V}, \mathbf{j})$	min. difference in pseudorapidity between vector boson and small- $R$ jets	—	—	✓
$\Delta\phi(\vec{p}_T^{\text{miss}}, \mathbf{j})$	azimuthal angle between $\vec{p}_T^{\text{miss}}$ and closest small- $R$ jet	✓	—	—
$\Delta\phi(\vec{p}_T^{\text{miss}}, \ell)$	azimuthal angle between $\vec{p}_T^{\text{miss}}$ and lepton	—	✓	—
$m_T$	transverse mass of lepton $\vec{p}_T + \vec{p}_T^{\text{miss}}$	—	✓	—
$N_{\text{small-}R}^{\text{aj}}$	number of additional small- $R$ jets	✓	✓	✓