

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