Variable	Description	0-lepton	1-lepton	2-lepton
$m\,(\mathrm{H_{cand}})$	$\mathrm{H_{cand}}$ mass	✓	✓	✓
$p_{\mathrm{T}}\,(\mathrm{H_{cand}})$	$\mathrm{H_{cand}}$ transverse momentum	—	✓	✓
$p_{\mathrm{T}}(\mathrm{V})$	vector boson transverse momentum	—	✓	✓
$m_{\mathrm{T}}(\mathrm{V})$	vector boson transverse mass	—	✓	—
$p_{\mathrm{T}}^{\mathrm{miss}}$	missing transverse momentum	✓	✓	—
$p_{\mathrm{T}}(\mathrm{V})\,/\,p_{\mathrm{T}}(\mathrm{H_{cand}})$	ratio between vector boson and H transverse momenta	✓	✓	✓
$CvsL_{\mathrm{max}}$	*CvsL* value of the leading *CvsL* jet	✓	✓	✓
$CvsB_{\mathrm{max}}$	*CvsB* value of the leading *CvsL* jet	✓	✓	✓
$CvsL_{\mathrm{min}}$	*CvsL* value of the subleading *CvsL* jet	✓	✓	✓
$CvsB_{\mathrm{min}}$	*CvsB* value of the subleading *CvsL* jet	✓	✓	✓
p_{Tmax}	p_{T} of the leading *CvsL* jet	✓	✓	✓
p_{Tmin}	p_{T} of the subleading *CvsL* jet	✓	✓	✓
$\Delta\phi(\mathrm{V},\mathrm{H_{cand}})$	azimuthal angle between vector boson and H	✓	✓	✓
$\Delta R(\mathrm{j_1},\mathrm{j_2})$	ΔR between leading and subleading *CvsL* jets	—	✓	✓
$\Delta\phi(\mathrm{j_1},\mathrm{j_2})$	azimuthal angle between leading and subleading *CvsL* jets	✓	✓	—
$\Delta\eta(\mathrm{j_1},\mathrm{j_2})$	difference in pseudorapidity between leading and subleading *CvsL* jets	✓	✓	✓
$\Delta\phi(\ell_1,\ell_2)$	azimuthal angle between leading and subleading p_{T} leptons	—	—	✓
$\Delta\eta(\ell_1,\ell_2)$	difference in pseudorapidity between leading and subleading p_{T} leptons	—	—	✓
$\Delta\phi(\ell_1,\mathrm{j_1})$	azimuthal angle between leading p_{T} lepton and leading *CvsL* jet	—	✓	—
$\Delta\phi(\ell_2,\mathrm{j_1})$	azimuthal angle between subleading p_{T} lepton and leading *CvsL* jet	—	—	✓
$\Delta\phi(\ell_2,\mathrm{j_2})$	azimuthal angle between subleading p_{T} lepton and subleading *CvsL* jet	—	—	✓
$\Delta\phi(\ell_1,p_{\mathrm{T}}^{\mathrm{miss}})$	azimuthal angle between leading p_{T} lepton and missing transverse momentum	—	✓	—
$\Delta\eta(\ell_1,\mathrm{b})$	difference in pseudorapidity between leading p_{T} lepton and b-tagged jet from top quark decay	—	✓	—
$\Delta\phi(\ell_1,\mathrm{b})$	azimuthal angle between leading p_{T} lepton and b-tagged jet from top quark decay	—	✓	—
$\Delta R(\ell_1,\mathrm{b})$	ΔR between leading p_{T} lepton and b-tagged jet from top quark decay	—	✓	—
$CvsL_{\mathrm{b}}$	*CvsL* value of the b-tagged jet from top quark decay	—	✓	—
$CvsB_{\mathrm{b}}$	*CvsB* value of the b-tagged jet from top quark decay	—	✓	—
$P(b{+}bb)_{\mathrm{b}}$	*DeepJet prob(b+bb)* value of the b-tagged jet from top quark decay	—	✓	—
$m(\mathrm{t})$	Reconstructed top quark mass	—	✓	—
$N_{\text{small-}R}^{\mathrm{aj}}$	Number of small-R additional jets after the FSR subtraction	—	✓	—
$\sigma_{cReg}(\mathrm{j_1})$	leading p_{T} jet resolution from c-jet energy regression	✓	✓	✓
$\sigma_{cReg}(\mathrm{j_2})$	subleading p_{T} jet resolution from c-jet energy regression	✓	✓	✓
$\Delta\eta(\mathrm{V},\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	difference in pseudorapidity between vector boson and $\mathrm{H_{cand}}$, after kinematic-fit	—	—	✓
$\Delta\phi(\mathrm{V},\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	azimuthal angle between vector boson and $\mathrm{H_{cand}}$, after kinematic-fit	—	—	✓
$m(\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	$\mathrm{H_{cand}}$ mass after kinematic-fit	—	—	✓
$p_{\mathrm{T}}(\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	$\mathrm{H_{cand}}$ transverse momentum after kinematic-fit	—	—	✓
$p_{\mathrm{Tmax}}\|_{\mathrm{kinfit}}$	p_{T} of the leading *CvsL* jet after kinematic-fit	—	—	✓
$p_{\mathrm{Tmin}}\|_{\mathrm{kinfit}}$	p_{T} of the subleading *CvsL* jet after kinematic-fit	—	—	✓
$p_{\mathrm{T}}(\mathrm{V})\,/\,p_{\mathrm{T}}(\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	ratio between vector boson and $\mathrm{H_{cand}}$ transverse momenta after kinematic-fit	—	—	✓
$\sigma(\mathrm{H_{cand}})\|_{\mathrm{kinfit}}$	$\mathrm{H_{cand}}$ invariant mass resolution from kinematic fit	—	—	✓