

Variable	Description
$\log m(\text{H})$	Invariant mass of the reconstructed Higgs boson
$\log m(\text{t})$	Invariant mass of the reconstructed top quark
$\Delta\text{R}(\text{Higgs jets})$	ΔR between the two jets from the Higgs boson decay
$\Delta\text{R}(\text{b}_t, \text{W})$	ΔR between the jet assigned to the b quark from the top quark decay and the W boson
relative H_T	Ratio of $p_\text{T}(\text{H}) + p_\text{T}(\text{t}) + p_\text{T}(\text{recoil jet})$ to the scalar sum of p_T of all jets, charged lepton, and E_T^{miss}
$\cos \theta(\text{t}, \ell)$	Cosine of the angle between the top quark momentum and the sum of momenta of top quark and charged lepton, in their common rest frame
CSV(Higgs jet 2)	Output of the CSVv2 b-tagging algorithm for the second hardest jet assigned to the Higgs boson
CSV(b_t)	Output of the CSVv2 b-tagging algorithm for the jet assigned to the b quark from the top quark decay
$ \eta(\text{recoil jet}) - \eta(\text{b}_t) $	Absolute difference of pseudorapidities of the recoil jet and of the b jet from the top quark decay
CSV(Higgs jet 1)	Output of the CSVv2 b-tagging algorithm for the hardest jet assigned to the Higgs boson
$ \eta(\text{b}_t) $	Absolute pseudorapidity of the jet assigned to the b quark of the top quark decay
$ \eta(\text{t}) - \eta(\text{H}) $	Absolute difference of pseudorapidities of reconstructed top quark and the reconstructed Higgs boson
$\log \min(p_\text{T}(\text{H jets}))$	Lower transverse momentum of the two jets assigned to the Higgs boson decay products
$ \eta(\text{recoil jet}) $	Absolute pseudorapidity of the recoil jet
$\Delta\text{E}(\text{recoil jet}, \text{b}_t)$	Energy difference between the recoil jet and the jet assigned to the b quark from the top quark decay