

| Variable | Definition |
|--------------------------------|---|
| $ \eta_{u_0} $ | The absolute value of η of the leading untagged jet |
| $ \Delta\eta(u_0, b_0) $ | The absolute value of the difference in η between the leading tagged and untagged jets |
| m_T^W | The transverse mass of ℓ and p_T^{miss} |
| $m_{\text{top}}^{\text{reco}}$ | The invariant mass of the reconstructed top quark |
| $\Delta R_{\text{med}}(j, j')$ | The median ΔR between all possible combinations of two jets |
| $m(j, j')$ | The minimum invariant mass of all possible combinations of two jets |
| $m(\ell, b)$ | The invariant mass of the lepton and the b-tagged jet |
| $m(u, b)$ | The invariant mass of the two most energetic b-tagged and non b-tagged jets |
| $H_T(j, \ell)$ | The scalar sum of the p_T of all jets and the lepton in the event |
| H'_T | The scalar sum of the p_T of all jets, the lepton and p_T^{miss} in the event |
| $ \Delta\eta(\ell, u) $ | The absolute value of the difference in η between the lepton and the untagged jet |
| $ \Delta\phi(W, ub) $ | The absolute value of the difference in ϕ between the reconstructed W boson and the jet pair |
| $ \Delta p_T(W, ub) $ | The absolute value of the difference in p_T between the reconstructed W boson and the jet pair |