

Input variable	Definition
β	Fraction of p_T of charged particles associated with the LV, defined as $\sum_{i \in \text{LV}} p_{T,i} / \sum_i p_{T,i}$ where i iterates over all charged PF particles in the jet
N_{vertices}	Number of vertices in the event
$\langle \Delta R^2 \rangle$	Square distance from the jet axis scaled by p_T^2 average of jet constituents: $\sum_i \Delta R^2 p_{T,i}^2 / \sum_i p_{T,i}^2$
$f_{\text{ring}X}$, $X = 1, 2, 3, \text{ and } 4$	Fraction of p_T of the constituents ($\sum p_{T,i} / p_T^{\text{jet}}$) in the region $R_i < \Delta R < R_{i+1}$ around the jet axis, where $R_i = 0, 0.1, 0.2, \text{ and } 0.3$ for $X = 1, 2, 3, \text{ and } 4$
$p_T^{\text{lead}} / p_T^{\text{jet}}$	p_T fraction carried by the leading PF candidate
$p_T^{\text{1.ch.}} / p_T^{\text{jet}}$	p_T fraction carried by the leading charged PF candidate
$ \vec{m} $	Pull magnitude, defined as $ (\sum_i p_T^i r_i \vec{r}_i) / p_T^{\text{jet}}$ where \vec{r}_i is the direction of the particle i from the direction of the jet
N_{total}	Number of PF candidates
N_{charged}	Number of charged PF candidates
σ_1	Major axis of the jet ellipsoid in the η - ϕ space
σ_2	Minor axis of the jet ellipsoid in the η - ϕ space
p_T^{D}	Jet fragmentation distribution, defined as $\sqrt{\sum_i p_{T,i}^2} / \sum_i p_{T,i}$