Variable	Definition
	charged PF candidates
$\log p_{\mathrm{T}}$	logarithm of the particle p_{T}
$\log E$	logarithm of the particle energy
$\Delta\eta(\mathrm{jet})$	difference in pseudorapidity between the particle and the jet axis
$\Delta\phi(\mathrm{jet})$	difference in azimuthal angle between the particle and the jet axis
$\lvert\eta\rvert$	absolute value of the particle pseudorapidity
q	electric charge of the particle
`isMuon`	true if the particle is identified as a muon
`isElectron`	true if the particle is identified as an electron
`isChargedHadron`	true if the particle is identified as a charged hadron
`pvAssociationQuality`	flag related to the association of the track to the primary vertices
`lostInnerHits`	quality flag of the track related to missing hits on the pixel layers
χ^2/dof	χ^2 value of the trajectory fit normalized to the number of degrees of freedom
`qualityMask`	quality flag of the track
d_z	longitudinal impact parameter of the track
d_z/σ_{d_z}	significance of the longitudinal impact parameter
d_{xy}	transverse impact parameter of the track
$d_{xy}/\sigma_{d_{xy}}$	significance of the transverse impact parameter
η_{rel}	pseudorapidity of the track relative to the jet axis
$p_{\mathrm{T,rel}}$ ratio	track momentum perpendicular to the jet axis, divided by the magnitude of the track momentum
$p_{\mathrm{par,rel}}$ ratio	track momentum parallel to the jet axis divided by the magnitude of the track momentum
d_{3D}	signed 3D impact parameter of the track
$d_{\mathrm{3D}}/\sigma_{\mathrm{3D}}$	signed 3D impact parameter significance of the track
`trackDistance`	distance between the track and the jet axis at their point of closest approach
	Neutral PF candidates
$\log p_{\mathrm{T}}$	logarithm of the particle's p_{T}
$\log E$	logarithm of the particle's energy
$\Delta\eta(\mathrm{jet})$	difference in pseudorapidity between the particle and the jet axis
$\Delta\phi(\mathrm{jet})$	difference in azimuthal angle between the particle and the jet axis
$\lvert\eta\rvert$	absolute value of the particle pseudorapidity
`isPhoton`	true if the particle is identified as a photon
`isNeutralHadron`	true if the particle is identified as a neutral hadron
	For SVs within the jet cone
$\log p_{\mathrm{T}}$	logarithm of the SV p_{T}
m_{SV}	invariant mass of the tracks associated with the SV
$\Delta\eta(\mathrm{jet})$	difference in pseudorapidity between the SV and the jet axis
$\Delta\phi(\mathrm{jet})$	difference in azimuthal angle between the SV and the jet axis
$\lvert\eta\rvert$	absolute value of the SV pseudorapidity
N_{tracks}	number of tracks associated with the SV
χ^2/dof	χ^2 value of the SV fit normalized to the number of degrees of freedom
d_{2D}	signed 2D impact parameter (i.e., in the transverse plane) of the SV
$d_{\mathrm{2D}}/\sigma_{\mathrm{2D}}$	signed 2D impact parameter significance of the SV
d_{3D}	signed 3D impact parameter of the SV
$d_{\mathrm{3D}}/\sigma_{\mathrm{3D}}$	signed 3D impact parameter significance of the SV