Variable	Definition
	Charged PF candidates
$\ln p_{\mathrm{T}}$	Logarithm of the particle p_{T}
$\ln E$	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`	Quality of the association of the track to the primary vertices
`lostInnerHits`	Quality of the track related to missing hits on the pixel layers
χ^2/ndof	The χ^2 value of the trajectory fit normalized to the degrees of freedom
`qualityMask`	Quality 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	Relative track momentum perpendicular to the jet axis
$p_{\mathrm{par,rel}}$ ratio	Relative track momentum parallel to the jet axis
d_{3D}	Signed three-dimensional (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 jet axis at the point of closest approach
	Neutral PF candidates
$\ln p_{\mathrm{T}}$	Logarithm of the particle's p_{T}
$\ln E$	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
	Secondary vertices within the jet
$\ln p_{\mathrm{T}}$	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/ndof	The χ^2 value of the SV fit normalized to the degrees of freedom
d_{2D}	Signed two-dimensional (2D) impact parameter 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