

Symbol	Definition
$p_T(\ell)$	Lepton transverse momentum
$ \eta(\ell) $	Lepton pseudorapidity
$I_{\text{rel}}^{\text{fixed}}$	Relative isolation using a fixed distance $\Delta R < 0.4$
$I_{\text{rel}}^{\text{ch}}$	Relative isolation using a p_T -dependent distance and including only charged particles
$I_{\text{rel}}^{\text{neu}}$	Relative isolation using a p_T -dependent distance and including only neutral particles
$N_{\text{ch}}(\text{j}_{\text{near}})$	Number of charged particles associated with the nearest jet
p_T^{ratio}	Ratio of the lepton p_T to the nearest jet p_T , i.e., $p_T(\ell)/p_T(\text{j}_{\text{near}})$; or $1/(1 + I_{\text{rel}}^{\text{fixed}})$ if no nearest jet is found
p_T^{rel}	Component of the lepton momentum in direction transverse to the nearest jet, i.e., $p(\ell) \sin \theta(\vec{p}(\ell), \vec{p}(\text{j}_{\text{near}}))$
$\text{DJ}(\text{j}_{\text{near}})$	DEEPJET score of the nearest jet
$\log d_{xy} $	Distance of closest approach from the lepton track to the PV in the transverse plane on a logarithmic scale
$\log d_z $	Distance of closest approach from the lepton track to the PV in the longitudinal plane on a logarithmic scale
$d/\delta d$	Significance of the distance of closest approach from the lepton track to the PV
P_{ID}^e	Electron ID discriminant
P_{seg}^μ	Muon segment compatibility