

Variable	Description	Channels
$M(\text{jj})$	dijet invariant mass	All
$p_{\text{T}}(\text{jj})$	dijet transverse momentum	All
$p_{\text{T}}(\text{j}_1), p_{\text{T}}(\text{j}_2)$	transverse momentum of each jet	0- and 2-lepton
$\Delta R(\text{jj})$	distance in η - ϕ between jets	2-lepton
$\Delta\eta(\text{jj})$	difference in η between jets	0- and 2-lepton
$\Delta\phi(\text{jj})$	azimuthal angle between jets	0-lepton
$p_{\text{T}}(\text{V})$	vector boson transverse momentum	All
$\Delta\phi(\text{V}, \text{jj})$	azimuthal angle between vector boson and dijet directions	All
$p_{\text{T}}(\text{jj}) / p_{\text{T}}(\text{V})$	p_{T} ratio between dijet and vector boson	2-lepton
$M(\ell\ell)$	reconstructed Z boson mass	2-lepton
CMVA_{max}	value of CMVA discriminant for the jet with highest CMVA value	0- and 2-lepton
CMVA_{min}	value of CMVA discriminant for the jet with second highest CMVA value	All
CMVA_{add}	value of CMVA for the additional jet with highest CMVA value	0-lepton
$p_{\text{T}}^{\text{miss}}$	missing transverse momentum	1- and 2-lepton
$\Delta\phi(\vec{p}_{\text{T}}^{\text{miss}}, \text{j})$	azimuthal angle between $\vec{p}_{\text{T}}^{\text{miss}}$ and closest jet ($p_{\text{T}} > 30 \text{ GeV}$)	0-lepton
$\Delta\phi(\vec{p}_{\text{T}}^{\text{miss}}, \ell)$	azimuthal angle between $\vec{p}_{\text{T}}^{\text{miss}}$ and lepton	1-lepton
m_{T}	mass of lepton $\vec{p}_{\text{T}} + \vec{p}_{\text{T}}^{\text{miss}}$	1-lepton
m_{top}	reconstructed top quark mass	1-lepton
N_{aj}	number of additional jets	1- and 2-lepton
$p_{\text{T}}(\text{add})$	transverse momentum of leading additional jet	0-lepton
SA5	number of soft-track jets with $p_{\text{T}} > 5 \text{ GeV}$	All