Name	Description
$\mathrm{t\bar{t}}$ system	
b p_T	p_T of the leading (subleading) b jet
b score	DEEPCSV score of the leading (subleading) b jet
q p_T	p_T of the leading (subleading) non-b jet
q score	DEEPCSV score of the leading (subleading) non-b jet
$\Delta R(\mathrm{b},\mathrm{q})$	minimum ΔR between the leading (subleading) b jet and any non-b jet
$\Delta R(\mathrm{q},\mathrm{q})$	ΔR between the two non-b jets closest to the leading (subleading) b jet
$m(\mathrm{q}+\mathrm{q})$	invariant mass of the two non-b jets closest to the leading (subleading) b jet
$\Delta R(\mathrm{b},\mathrm{q}+\mathrm{q})$	ΔR between the leading (subleading) b jet and the sum of the nearest two non-b jets
$m(\mathrm{b}+\mathrm{q}+\mathrm{q})$	invariant mass of the leading (subleading) b jet and the nearest two non-b jets
$\Delta R(\mathrm{Z/H},\mathrm{b}+\mathrm{q}+\mathrm{q})$	ΔR between the Z or Higgs boson candidate and the sum of the leading (subleading) b jet and the two non-b jets nearest to the leading (subleading) b jet
$\Delta R(\mathrm{Z/H},\mathrm{b}+\mathrm{b}+\mathrm{q}+\mathrm{q}+\ell)$	ΔR between the Z or Higgs boson candidate and the sum of the leading and subleading b jets, the two non-b jets nearest to the leading (subleading) b jet, and the lepton
$m_\mathrm{T}(\mathrm{b}+\ell,\vec{p}_\mathrm{T}^{\,\mathrm{miss}})$	transverse mass of the subleading b jet and the lepton
$m(\mathrm{Z/H}+\mathrm{b})$	invariant mass of the Z or Higgs boson candidate and the nearest b jet
$m(\mathrm{b}+\mathrm{b})$	invariant mass of the leading and subleading b jets
$\Delta R(\mathrm{b},\mathrm{b})$	ΔR between the leading and subleading b jets
$\Delta R(\mathrm{Z/H},\mathrm{q})$	ΔR between the Z or Higgs boson candidate and the leading non-b jet
$\Delta R(\mathrm{Z/H},\mathrm{b})$	ΔR between the Z or Higgs boson candidate and the leading b jet
$\Delta R(\mathrm{Z/H},\ell)$	ΔR between the Z or Higgs boson candidate and the lepton
$m(\mathrm{Z/H}+\ell)$	invariant mass of the Z or Higgs boson candidate and the lepton
$\Delta R(\mathrm{b},\ell)$	ΔR between the leading (subleading) b jet and the lepton
$m(\mathrm{b}+\ell)$	invariant mass of the leading (subleading) b jet and the lepton
$N(\mathrm{b_{out}})$	number of b jets outside the Z or Higgs boson candidate cone ($\Delta R > 0.8$)
$N(\mathrm{q_{out}})$	number of non-b jets outside the Z or Higgs boson candidate cone ($\Delta R > 0.8$)
Event topology	
N(AK8 jets)	number of AK8 jets, including the Z or Higgs boson candidate
N(AK4 jets)	number of AK4 jets
N(Z/H)	number of AK8 jets with a minimum AK8 $\mathrm{b\bar{b}}$ tagger score of 0.8
AK8 m_SD	maximum m_SD of AK8 jets, excluding the Z or Higgs boson candidate
$H_\mathrm{T}(\mathrm{b_{out}})$	H_T of the b jets outside the Z or Higgs boson candidate cone ($\Delta R > 0.8$)
$H_\mathrm{T}(\mathrm{b_{out}},\mathrm{q_{out}},\ell)$	H_T of all AK4 jets outside the Z or Higgs boson candidate cone ($\Delta R > 0.8$) and the lepton
sphericity	sphericity calculated from the AK4 jets and the lepton [89]
aplanarity	aplanarity calculated from the AK4 jets and the lepton [89]
Z or Higgs boson candidate substructure	
$\mathrm{b_{in}}$ score	maximum (minimum) DEEPCSV score of AK4 jets within the Z or Higgs boson candidate cone ($\Delta R < 0.8$)
$\Delta R(\mathrm{b_{in}},\mathrm{b_{out}})$	ΔR between one b jet within the Z or Higgs boson candidate cone ($\Delta R < 0.8$) and the leading b jet outside of the Z or Higgs boson candidate cone
$N(\mathrm{b_{in}})$	number of b jets within the Z or Higgs boson candidate cone ($\Delta R < 0.8$)
$N(\mathrm{q_{in}})$	number of non-b jets within the Z or Higgs boson candidate cone ($\Delta R < 0.8$)
Z/H $\mathrm{b\bar{b}}$ score	AK8 $\mathrm{b\bar{b}}$ tagger score of the Z or Higgs boson candidate