

Input variable	Description
<b>Higgs boson kinematics</b>	
/	Higgs candidate $p_T$ relative to its mass
<b>Photon quality indicators</b>	
$\gamma$ IDMVA	Photon identification MVA score Photon energy resolution
<b>Angular variables of final state particles</b>	
$\dots, \eta(j)$ and $\cos \Theta$ $\cos \theta$ $\phi$  $\Delta\phi(j, )$ $ \eta(j) $	Pseudorapidity of leptons and photon, and jet Separation between photon and leptons Z boson production angle Lepton production polar angle Lepton production azimuthal angle Separation between photon and jet Azimuthal separation between jet and $\gamma$ Zeppenfeld variable
<b>Jet variables</b>	
$p_T(j), m_j,$	Jet kinematics
<b>System balance indicators</b>	
	System $p_T$ balance Azimuthal separation between and photon