

Variable	Description	NN <sub>10</sub>	NN <sub>11</sub>	NN <sub>21</sub>	NN <sub>FCNC</sub>
$M_{ll}$	Invariant mass of dilepton system	✓			✓
$p_T^{ll}$	$p_T$ of dilepton system	✓		✓	✓
$\Delta p_T(\ell, \ell)$	$p_T^{\text{leading lepton}} - p_T^{\text{sub-leading lepton}}$	✓			✓
$p_T^{\text{leading lepton}}$	$p_T$ of leading lepton	✓		✓	✓
Centrality( $\ell^{\text{leading}}, \text{jet}^{\text{leading}}$ )	Scalar sum of $p_T$ of the leading lepton and leading jet, over total energy of selected objects	✓			✓
Centrality( $\ell, \ell$ )	Scalar sum of $p_T$ of the leading and sub-leading leptons, over total energy of selected objects	✓			✓
$\Delta\phi(\ell\ell, \text{jet}^{\text{leading}})$	$\Delta\phi$ between dilepton system and leading jet	✓	✓	✓	
$p_T(\ell\ell, \text{jet}^{\text{leading}})$	$p_T$ of dilepton and leading jet system		✓		✓
$p_T(\ell^{\text{leading}}, \text{jet}^{\text{leading}})$	$p_T$ of leading lepton and leading jet system		✓		
Centrality( $\ell\ell, \text{jet}^{\text{leading}}$ )	Scalar sum of $p_T$ of the dilepton system and leading jet, over total energy of selected objects		✓		
$\Delta R(\ell, \ell)$	$\Delta R$ between leading and sub-leading leptons		✓		
$\Delta R(\ell^{\text{leading}}, \text{jet}^{\text{leading}})$	$\Delta R$ between leading lepton and leading jet		✓		
$M(\ell^{\text{leading}}, \text{jet}^{\text{leading}})$	Invariant mass of leading lepton and leading jet			✓	
$M(\text{jet}^{\text{leading}}, \text{jet}^{\text{sub-leading}})$	Invariant mass of leading jet and sub-leading jet			✓	
$\Delta R(\ell^{\text{leading}}, \text{jet}^{\text{sub-leading}})$	$\Delta R$ between leading lepton and sub-leading jet			✓	
$\Delta R(\ell\ell, \text{jet}^{\text{leading}})$	$\Delta R$ between dilepton system and leading jet			✓	✓
$\Delta p_T(\ell^{\text{sub-leading}}, \text{jet}^{\text{sub-leading}})$	$p_T^{\text{sub-leading lepton}} - p_T^{\text{sub-leading jet}}$			✓	
$M(\ell^{\text{sub-leading}}, \text{jet}^{\text{leading}})$	Invariant mass of sub-leading lepton and leading jet				✓