

Variable	$e\mu$	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
$m_{\tau\tau}$	×	✓	✓	✓
$m_{vis}$	✓	✓	✓	✓
Collinear mass	×	✓	✓	×
$D_\zeta$	✓	✓	✓	×
$\Delta\eta$ between lepton and $\tau_h$	×	✓	✓	×
Total transverse mass	✓	×	×	×
Di- $\tau$ $p_T$	✓	✓	✓	✓
Electron $p_T$	✓	×	×	×
Muon $p_T$	✓	×	×	×
$p_T$ of leading $\tau_h$	×	×	×	✓
$p_T$ of trailing $\tau_h$	×	×	×	✓
Transverse mass	×	✓	✓	×
Number of b-jets	✓	×	×	✓
$p_T$ of leading b-jet	✓	✓	✓	✓
$p_T$ of trailing b-jet	×	✓	✓	×
B-tag score for leading b-jet	×	✓	✓	✓
$\Delta\eta$ between di- $\tau$ $p_T$ and leading b-jet	×	✓	✓	×
B-tag score for trailing b-jet	×	✓	✓	✓
Number of jets	✓	×	×	✓
$p_T$ of leading jet	✓	×	×	✓
$p_T$ of trailing jet	✓	×	×	✓
Di-jet invariant mass	×	×	×	✓
Di-jet $\Delta\eta$	✓	×	×	✓
$p_T^{\text{miss}}$	×	×	×	✓