

	Correction	Dependency	Source	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
$F_F^{\text{QCD}}$	Nonclosure	$m_{\text{vis}}$	DR <sub>QCD</sub>	✓	✓	✓
	$I_{\text{rel}}^{e(\mu)}$ -, $p_T^{\tau_h}$ -dependent	$I_{\text{rel}}^{e(\mu)}$	DR <sub>QCD</sub> (w/o $I_{\text{rel}}^{e(\mu)}$ )	✓	✓	
		$p_T^{\tau_h\dagger}$	DR <sub>QCD</sub>			✓
	Opposite/Same charge	$m_{\text{vis}}$	Orthogonal iso./ID <sup>†</sup>	✓	✓	✓
$F_F^{\text{W+jets}}$	Nonclosure	$m_{\text{vis}}$	DR <sub>W+jets</sub>	✓	✓	
	$m_T^{e(\mu)}$ -dependent	$m_T^{e(\mu)}$	From simulation	✓	✓	
$F_F^{\text{t}\bar{\text{t}}}$	Nonclosure	$m_{\text{vis}}$	DR <sub>t\bar{t}}</sub>	✓	✓	
	Data/Simulation	None	t\bar{t} enriched sideband	✓	✓	

<sup>†</sup> Refers to the  $\tau_h$  candidate that is assumed to originate from a genuine  $\tau$  lepton decay.