

Background process	Misidentification	$e\mu$	$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
$H \rightarrow \tau\tau$ (SM)		MC	MC	MC	MC
$Z \rightarrow \tau\tau$		MC [†]	MC [†]	MC [†]	MC [†]
$Z \rightarrow \ell\ell$	$\ell \rightarrow \tau_h$	MC	MC	MC	MC
	Jet $\rightarrow \tau_h$		F_F	F_F	F_F
Diboson+single t	$\tau/\ell \rightarrow \tau_h$	MC	MC	MC	MC
	Jet $\rightarrow \tau_h$		F_F	F_F	F_F
$t\bar{t}$	$\tau/\ell \rightarrow \tau_h$	MC [†]	MC [†]	MC [†]	MC [†]
	Jet $\rightarrow \tau_h$		F_F	F_F	F_F
W+jets	Jet $\rightarrow \tau_h$	MC	F_F	F_F	F_F
QCD multijet production	Jet $\rightarrow \tau_h$	CR	F_F	F_F	F_F

[†] Normalization from control region in data.