Background	Channel	Normalization factors	
		VBF	Boosted
$Z \to \ell\ell$ (CR)	$\tau_{\mathrm{lep}}\tau_{\mathrm{lep}}$	$0.88^{+0.34}_{-0.30}$	$1.27^{+0.30}_{-0.25}$
Top (CR)	$\tau_{\mathrm{lep}}\tau_{\mathrm{lep}}$	1.19 ± 0.09	1.07 ± 0.05
Top (CR)	$\tau_{\mathrm{lep}}\tau_{\mathrm{had}}$	$1.53^{+0.30}_{-0.27}$	1.13 ± 0.07
Fake-$\tau_{\mathrm{had\text{-}vis}}$ (data-driven)	$\tau_{\mathrm{had}}\tau_{\mathrm{had}}$	1.12 ± 0.12	
$Z \to \tau\tau$ (fit in each SR)	$\tau_{\mathrm{lep}}\tau_{\mathrm{lep}},\tau_{\mathrm{lep}}\tau_{\mathrm{had}},\tau_{\mathrm{had}}\tau_{\mathrm{had}}$	$1.04^{+0.10}_{-0.09}$	1.11 ± 0.05