

Summary of the constrained Uncertainties for “e-tau_h” and “mu-tau_h” channels

Ele_Tau_2016			
syst2016_tauES	* +0.00, 0.81*	* +0.00, 0.81*	-0.06
syst2016_tauIDisoSF	* -0.00, 0.80*	* -0.00, 0.80*	+0.02
syst2016_ttbarSF	* -0.00, 0.81*	* +0.00, 0.81*	+0.05
tauFakeRateJetPartonFlav	* -0.00, 0.79*	* -0.00, 0.80*	-0.10
Mu_Tau_2016			
syst2016_tauES	* -0.00, 0.79*	* +0.00, 0.79*	+0.00
syst2016_tauIDisoSF	* -0.00, 0.78*	* -0.00, 0.79*	-0.00
syst2016_ttbarSF	* -0.00, 0.81*	* +0.00, 0.81*	+0.02
syst2016_unclusteredEnergy	! +0.00, 0.21!	! +0.00, 0.21!	+0.01
tauFakeRateJetPartonFlav	* -0.00, 0.77*	* -0.00, 0.76*	-0.03
Ele_Tau_2017			
JEC	* -0.00, 0.83*	* +0.00, 0.84*	+0.09
scale	* -0.00, 0.88*	+0.00, 0.84	+0.40
syst2017_JER	* -0.00, 0.80*	* -0.00, 0.80*	+0.04
syst2017_tauES	* -0.00, 0.82*	* -0.00, 0.82*	+0.00
syst2017_tauIDisoSF	* +0.00, 0.71*	* +0.01, 0.78*	+0.18
syst2017_ttbarSF	* +0.00, 0.66*	* -0.01, 0.71*	-0.17
tauFakeRateJetPartonFlav	* -0.00, 0.70*	* +0.00, 0.73*	+0.02
Mu_Tau_2017			
JEC	* -0.00, 0.83*	* -0.00, 0.85*	-0.03
syst2017_JER	* -0.00, 0.86*	* -0.00, 0.86*	-0.06
syst2017_tauES	* +0.00, 0.74*	* -0.00, 0.75*	-0.01
syst2017_tauIDisoSF	* -0.00, 0.80*	* -0.00, 0.81*	+0.00
syst2017_ttbarSF	* -0.00, 0.78*	* +0.00, 0.82*	-0.01
tauFakeRateJetPartonFlav	* -0.00, 0.67*	* -0.00, 0.69*	-0.03
Ele_Tau_2018			
syst2018_tauES	* +0.00, 0.60*	* -0.00, 0.60*	-0.01
syst2018_tauIDisoSF	* +0.00, 0.74*	* -0.00, 0.78*	+0.01
syst2018_ttbarSF	* +0.00, 0.70*	* +0.00, 0.80*	+0.03
tauFakeRateJetPartonFlav	* -0.00, 0.69*	* -0.00, 0.71*	-0.05
Mu_Tau_2018			
scale	* -0.00, 0.70*	* +0.00, 0.70*	+0.08
syst2018_tauES	* +0.00, 0.62*	* -0.00, 0.64*	-0.08
syst2018_tauIDisoSF	* +0.00, 0.77*	* +0.00, 0.78*	+0.17
syst2018_ttbarSF	* +0.00, 0.53*	* -0.00, 0.55*	-0.24
tauFakeRateJetPartonFlav	* +0.00, 0.69*	* +0.00, 0.71*	+0.11