

POI	100.0	-9.6	-10.9	3.7	-11.1	7.4	-5.2	-11.5	10.2	-14.9	-73.3	0.8	6.8	-8.9	4.3
Electron ID eff.	-9.6	100.0	-0.2	-0.2	-0.1	-0.5	-0.2	-0.0	-43.0	0.0	0.0	0.2	-16.5	-18.2	-22.5
Electron isol. eff.	-10.9	-0.2	100.0	-0.2	-0.2	-0.1	-0.2	0.0	-45.8	0.0	0.0	0.2	-13.9	-20.6	-18.3
b-tag Eigenvar. 0	3.7	-0.2	-0.2	100.0	0.0	-0.6	-1.1	-0.0	-5.0	-0.0	-0.0	-0.1	0.4	13.4	2.2
Muon isol. eff. (syst)	-11.1	-0.1	-0.2	0.0	100.0	0.6	0.2	0.0	-39.6	0.0	0.0	0.2	-20.8	-16.2	-19.1
Pile-up rew.	7.4	-0.5	-0.1	-0.6	0.6	100.0	-1.8	-0.0	8.1	-0.0	-0.0	-1.1	5.8	9.7	11.2
Forward Jet vertex tagger eff.	-5.2	-0.2	-0.2	-1.1	0.2	-1.8	100.0	0.0	-16.8	0.0	0.0	-0.3	-2.5	-3.1	-1.0
Luminosity	-11.5	-0.0	0.0	-0.0	0.0	-0.0	0.0	100.0	-0.0	0.0	0.0	-0.0	-0.0	0.0	-0.0
diboson norm	10.2	-43.0	-45.8	-5.0	-39.6	8.1	-16.8	-0.0	100.0	-0.0	-0.0	-0.1	-11.0	22.8	26.2
tZq (PDF unc.)	-14.9	0.0	0.0	-0.0	0.0	-0.0	0.0	0.0	-0.0	100.0	0.0	0.0	-0.0	0.0	-0.0
tZq (QCD rad.)	-73.3	0.0	0.0	-0.0	0.0	-0.0	0.0	0.0	-0.0	0.0	100.0	-0.0	-0.0	0.0	-0.0
$t\bar{t}H + t\bar{t}W$ norm	0.8	0.2	0.2	-0.1	0.2	-1.1	-0.3	-0.0	-0.1	0.0	-0.0	100.0	0.6	-4.8	-26.3
$\mu(Z+jets)$	6.8	-16.5	-13.9	0.4	-20.8	5.8	-2.5	-0.0	-11.0	-0.0	-0.0	0.6	100.0	-5.6	8.3
$\mu(ttZ)$	-8.9	-18.2	-20.6	13.4	-16.2	9.7	-3.1	0.0	22.8	0.0	0.0	-4.8	-5.6	100.0	0.7
$\mu(t\bar{t})$	4.3	-22.5	-18.3	2.2	-19.1	11.2	-1.0	-0.0	26.2	-0.0	-0.0	-26.3	8.3	0.7	100.0
POI	POI	Electron ID eff.	Electron isol. eff.	b-tag Eigenvar. 0	Muon isol. eff. (syst)	Pile-up rew.	Forward Jet vertex tagger eff.	Luminosity	diboson norm	tZq (PDF unc.)	tZq (QCD rad.)	$t\bar{t}H + t\bar{t}W$ norm	$\mu(Z+jets)$	$\mu(ttZ)$	$\mu(t\bar{t})$