

$\mu$	100.0	1.7	1.1	-12.6	5.3	-7.5	-8.4	5.7	7.1	-7.9	2.6	11.3	-2.8	-0.8	-16.7	-12.5	-7.6	0.1	-0.9	3.5	-0.3	-0.7
GlobalReduction_JET_Flavor_Composition	1.7	100.0	-16.1	-3.1	10.9	2.4	-1.8	-5.5	-6.1	-16.8	7.9	6.6	1.5	1.1	0.4	8.5	-9.5	0.2	-0.5	1.1	-0.9	0.3
GlobalReduction_JET_Pileup_RhoTopology	1.1	-16.1	100.0	-0.2	6.1	5.7	-0.4	-5.8	-6.2	-13.6	4.7	6.7	0.3	2.1	1.7	7.4	-15.3	0.3	-1.1	1.7	-1.1	0.4
Other fakes norm.	-12.6	-3.1	-0.2	100.0	-18.0	8.3	-1.5	2.8	7.4	0.1	-13.8	0.2	2.0	0.4	-0.1	-4.6	0.4	0.3	-0.3	0.3	-0.6	0.2
VV+HF_1_Jet	5.3	10.9	6.1	-18.0	100.0	14.0	21.5	8.7	3.7	14.6	-50.6	2.6	2.8	3.8	-6.8	3.5	4.0	-0.6	-0.0	-1.9	1.6	0.3
VV+HF_2_Jet	-7.5	2.4	5.7	8.3	14.0	100.0	0.1	15.4	23.4	-38.9	-19.1	1.3	-0.5	4.5	-13.0	-4.5	7.2	-0.8	-2.2	-7.2	1.6	3.5
VV+HF_3_Jet	-8.4	-1.8	-0.4	-1.5	21.5	0.1	100.0	-9.7	-1.3	-30.5	-4.7	-8.5	-1.3	-7.4	10.1	-3.8	2.7	0.7	-0.2	2.9	-0.8	-1.5
VV+HF_4_Jet	5.7	-5.5	-5.8	2.8	8.7	15.4	-9.7	100.0	-15.5	-19.2	-4.4	-5.2	-3.7	-1.6	2.3	2.0	-11.9	0.4	1.5	1.5	-1.2	0.8
VV+HF_5_Jet	7.1	-6.1	-6.2	7.4	3.7	23.4	-1.3	-15.5	100.0	-15.9	-5.2	-9.8	-3.5	-3.1	0.6	5.0	-5.8	0.0	1.7	0.9	-0.3	0.4
VV+HF Generator	-7.9	-16.8	-13.6	0.1	14.6	-38.9	-30.5	-19.2	-15.9	100.0	-50.5	-12.8	-2.0	-4.2	-1.0	-1.4	-5.9	0.1	1.9	1.5	-0.5	-0.3
VV+HF norm.	2.6	7.9	4.7	-13.8	-50.6	-19.1	-4.7	-4.4	-5.2	-50.5	100.0	-11.5	-2.2	-0.6	-6.6	2.4	1.0	-0.5	0.1	-3.4	1.5	2.4
VV+LF Generator	11.3	6.6	6.7	0.2	2.6	1.3	-8.5	-5.2	-9.8	-12.8	-11.5	100.0	-2.3	-2.1	3.8	-17.2	-0.2	0.3	-1.1	1.7	-0.9	1.1
tWZ DR	-2.8	1.5	0.3	2.0	2.8	-0.5	-1.3	-3.7	-3.5	-2.0	-2.2	-2.3	100.0	4.0	-0.4	0.9	-18.6	0.1	-0.1	-0.2	-0.1	1.1
bTagSF_eigenvars_B_0	-0.8	1.1	2.1	0.4	3.8	4.5	-7.4	-1.6	-3.1	-4.2	-0.6	-2.1	4.0	100.0	1.7	-1.1	16.5	-0.1	1.4	1.0	0.3	0.8
tZ norm.	-16.7	0.4	1.7	-0.1	-6.8	-13.0	10.1	2.3	0.6	-1.0	-6.6	3.8	-0.4	1.7	100.0	-2.5	-5.3	-0.6	0.2	-3.5	0.8	1.6
tZ Generator	-12.5	8.5	7.4	-4.6	3.5	-4.5	-3.8	2.0	5.0	-1.4	2.4	-17.2	0.9	-1.1	-2.5	100.0	-10.2	0.3	-1.0	4.2	-1.3	-0.0
tZ norm.	-7.6	-9.5	-15.3	0.4	4.0	7.2	2.7	-11.9	-5.8	-5.9	1.0	-0.2	-18.6	16.5	-5.3	-10.2	100.0	0.9	0.5	1.7	-2.4	1.6
tτ non-prompt lep. (b-decay)	0.1	0.2	0.3	0.3	-0.6	-0.8	0.7	0.4	0.0	0.1	-0.5	0.3	0.1	-0.1	-0.6	0.3	0.9	100.0	0.7	-0.4	0.6	-45.6
tτ FSR	-0.9	-0.5	-1.1	-0.3	-0.0	-2.2	-0.2	1.5	1.7	1.9	0.1	-1.1	-0.1	1.4	0.2	-1.0	0.5	0.7	100.0	-0.2	-1.2	-22.2
tτ PS	3.5	1.1	1.7	0.3	-1.9	-7.2	2.9	1.5	0.9	1.5	-3.4	1.7	-0.2	1.0	-3.5	4.2	1.7	-0.4	-0.2	100.0	0.6	-49.3
tτ non-prompt lep. (photon conv.)	-0.3	-0.9	-1.1	-0.6	1.6	1.6	-0.8	-1.2	-0.3	-0.5	1.5	-0.9	-0.1	0.3	0.8	-1.3	-2.4	0.6	-1.2	0.6	100.0	-44.7
$\mu_{t\bar{t}+Wt}$	-0.7	0.3	0.4	0.2	0.3	3.5	-1.5	0.8	0.4	-0.3	2.4	1.1	1.1	0.8	1.6	-0.0	1.6	-45.6	-22.2	-49.3	-44.7	100.0
$\mu$	$\mu$	GlobalReduction_JET_Flavor_Composition	GlobalReduction_JET_Pileup_RhoTopology	Other fakes norm.	VV+HF_1_Jet	VV+HF_2_Jet	VV+HF_3_Jet	VV+HF_4_Jet	VV+HF_5_Jet	VV+HF Generator	VV+HF norm.	VV+LF Generator	WZ DR	bTagSF_eigenvars_B_0	tZ norm.	tZ Generator	tZ norm.	tτ non-prompt lep. (b-decay)	tτ FSR	tτ PS	tτ non-prompt lep. (photon conv.)	$\mu_{t\bar{t}+Wt}$