

$\mu$	100.0	3.8	5.0	-4.3	2.7	-5.5	-3.4	5.7	7.1	-8.3	2.7	1.6	-0.5	3.6	-22.3	-5.0	0.8	-1.7	2.9	-2.2	0.8
GlobalReduction_JET_Flavor_Composition	3.8	100.0	-14.0	-2.9	12.6	3.5	0.9	-3.9	-5.6	-21.5	12.5	1.6	1.0	2.8	6.4	-9.5	0.1	0.3	1.5	-0.9	0.3
GlobalReduction_JET_Pileup_RhoTopology	5.0	-14.0	100.0	-1.5	7.2	5.2	0.8	-4.0	-3.3	-15.9	9.1	1.9	-0.7	3.8	3.9	-15.8	0.3	-0.4	2.3	-1.3	0.5
Other fakes norm.	-4.3	-2.9	-1.5	100.0	-22.7	8.9	-2.2	2.2	4.8	3.0	-15.4	-2.0	2.1	1.8	-2.6	1.2	0.4	0.5	0.6	-0.5	-0.2
VV+HF_1_Jet	2.7	12.6	7.2	-22.7	100.0	6.6	15.3	5.3	1.0	18.3	-45.1	-0.7	2.1	3.4	1.4	0.8	-0.6	0.3	-1.0	1.4	0.4
VV+HF_2_Jet	-5.5	3.5	5.2	8.9	6.6	100.0	3.0	12.7	16.5	-37.1	-11.9	0.2	-0.2	2.1	12.9	6.7	-0.8	-1.3	-5.7	1.7	1.5
VV+HF_3_Jet	-3.4	0.9	0.8	-2.2	15.3	3.0	100.0	-6.8	-0.8	-35.8	2.2	-6.5	-1.3	-4.3	-2.4	4.5	0.5	-1.0	1.8	-0.5	-0.8
VV+HF_4_Jet	5.7	-3.9	-4.0	2.2	5.3	12.7	-6.8	100.0	-12.0	-20.6	-0.8	-3.3	-3.3	-1.0	-1.7	-8.4	0.4	1.1	1.4	-0.9	0.8
VV+HF_5_Jet	7.1	-5.6	-3.3	4.8	1.0	16.5	-0.8	-12.0	100.0	-12.5	-2.0	-6.4	-3.7	-2.9	-6.5	-4.9	-0.0	1.4	0.7	-0.1	0.5
VV+HF Generator	-8.3	-21.5	-15.9	3.0	18.3	-37.1	-35.8	-20.6	-12.5	100.0	-55.2	-15.2	-3.3	-3.8	-14.4	-8.2	0.3	2.0	1.4	-0.8	0.6
VV+HF norm.	2.7	12.5	9.1	-15.4	-45.1	-11.9	2.2	-0.8	-2.0	-55.2	100.0	-10.6	-2.8	0.4	6.8	1.7	-0.8	-0.1	-3.5	2.0	1.9
VV+LF Generator	1.6	1.6	1.9	-2.0	-0.7	0.2	-6.5	-3.3	-6.4	-15.2	-10.6	100.0	-0.6	-2.2	7.9	3.3	0.2	-0.5	0.7	-0.5	0.4
tWZ DR	-0.5	1.0	-0.7	2.1	2.1	-0.2	-1.3	-3.3	-3.7	-3.3	-2.8	-0.6	100.0	3.0	-6.0	-17.9	0.1	-0.3	-0.2	-0.1	1.0
bTagSF_eigenvars_B_0	3.6	2.8	3.8	1.8	3.4	2.1	-4.3	-1.0	-2.9	-3.8	0.4	-2.2	3.0	100.0	-17.4	15.3	0.0	1.3	0.6	0.1	1.4
cTagSF	-22.3	6.4	3.9	-2.6	1.4	12.9	-2.4	-1.7	-6.5	-14.4	6.8	7.9	-6.0	-17.4	100.0	-17.8	0.3	0.2	2.2	-1.3	1.3
t̄tZ norm.	-5.0	-9.5	-15.8	1.2	0.8	6.7	4.5	-8.4	-4.9	-8.2	1.7	3.3	-17.9	15.3	-17.8	100.0	0.8	-0.1	0.6	-2.0	2.2
t̄t non-prompt lep. (b-decay)	0.8	0.1	0.3	0.4	-0.6	-0.8	0.5	0.4	-0.0	0.3	-0.8	0.2	0.1	0.0	0.3	0.8	100.0	-0.3	-0.1	0.5	-46.8
t̄t FSR	-1.7	0.3	-0.4	0.5	0.3	-1.3	-1.0	1.1	1.4	2.0	-0.1	-0.5	-0.3	1.3	0.2	-0.1	-0.3	100.0	-5.2	2.2	-20.9
t̄t PS	2.9	1.5	2.3	0.6	-1.0	-5.7	1.8	1.4	0.7	1.4	-3.5	0.7	-0.2	0.6	2.2	0.6	-0.1	-5.2	100.0	0.6	-42.8
t̄t non-prompt lep. (photon conv.)	-2.2	-0.9	-1.3	-0.5	1.4	1.7	-0.5	-0.9	-0.1	-0.8	2.0	-0.5	-0.1	0.1	-1.3	-2.0	0.5	2.2	0.6	100.0	-47.7
$\mu_{t\bar{t}+Wt}$	0.8	0.3	0.5	-0.2	0.4	1.5	-0.8	0.8	0.5	0.6	1.9	0.4	1.0	1.4	1.3	2.2	-46.8	-20.9	-42.8	-47.7	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	tWZ DR	bTagSF_eigenvars_B_0	cTagSF	t̄tZ norm.	t̄t non-prompt lep. (b-decay)	t̄t FSR	t̄t PS	t̄t non-prompt lep. (photon conv.)	$\mu_{t\bar{t}+Wt}$