

μ	100.0	0.0	-0.4	-10.9	1.6	7.8	1.4	2.4	-1.9	-7.9	-0.4	-4.0	10.0	-8.9	-0.5	7.2	-17.2	-40.7	5.5
ABCD electron	0.0	100.0	-61.2	17.3	-7.2	-0.6	7.1	5.4	0.6	-7.3	-10.1	-8.9	-1.9	3.6	12.3	1.8	-7.5	0.2	-4.3
ABCD muon	-0.4	-61.2	100.0	11.5	-2.3	1.4	4.8	3.3	0.9	-1.4	-4.2	-6.2	-1.0	1.9	7.7	3.4	-2.4	0.7	2.1
FSR	-10.9	17.3	11.5	100.0	2.9	1.9	-10.4	-0.8	8.6	30.0	2.2	-22.4	-0.9	11.3	32.8	10.8	24.0	-0.5	15.7
ISR	1.6	-7.2	-2.3	2.9	100.0	-11.2	-2.2	-2.8	0.5	-6.3	-8.1	-12.9	0.2	6.8	4.3	3.5	-0.7	0.7	21.5
JET_Flavor_Composition	7.8	-0.6	1.4	1.9	-11.2	100.0	-25.9	10.5	-5.9	-19.4	5.8	-7.7	-2.8	2.4	-1.6	12.0	3.2	-0.6	19.4
JET_Pileup_RhoTopology	1.4	7.1	4.8	-10.4	-2.2	-25.9	100.0	9.7	-12.4	-13.3	5.5	0.1	-2.8	-4.1	4.8	10.8	-0.5	-0.5	8.8
PRW	2.4	5.4	3.3	-0.8	-2.8	10.5	9.7	100.0	-2.9	2.6	1.7	-8.4	1.6	3.4	3.6	-13.1	-2.6	-0.1	27.4
$\bar{t}t$ PS $t_{\tau_h} \tau_{lep} \tau_{had}$ 2j	-1.9	0.6	0.9	8.6	0.5	-5.9	-12.4	-2.9	100.0	8.1	-1.3	-8.4	2.1	-37.5	6.3	1.8	9.1	1.4	24.9
$\bar{t}t$ PS $t_{\tau_h} \tau_{lep} \tau_{had}$ 3j	-7.9	-7.3	-1.4	30.0	-6.3	-19.4	-13.3	2.6	8.1	100.0	-3.9	-1.1	-1.1	7.5	-38.4	-1.4	-5.5	0.4	36.0
$\bar{t}t$ PS $t_{\tau_{had}}$ 1j	-0.4	-10.1	-4.2	2.2	-8.1	5.8	5.5	1.7	-1.3	-3.9	100.0	6.9	-0.4	3.3	3.5	1.5	0.9	0.2	5.9
$\bar{t}t$ PS $t_{\tau_{had}}$ 2j	-4.0	-8.9	-6.2	-22.4	-12.9	-7.7	0.1	-8.4	-8.4	-1.1	6.9	100.0	0.3	-4.5	-13.0	-9.9	-14.3	-1.9	-32.3
$\bar{t}t$ PS $t_{\tau_{had} \tau_{had}}$	10.0	-1.9	-1.0	-0.9	0.2	-2.8	-2.8	1.6	2.1	-1.1	-0.4	0.3	100.0	-3.5	0.6	-2.6	3.4	0.2	-5.1
TES_DETECTOR	-8.9	3.6	1.9	11.3	6.8	2.4	-4.1	3.4	-37.5	7.5	3.3	-4.5	-3.5	100.0	1.3	0.7	-11.6	1.7	1.4
btag_B_0	-0.5	12.3	7.7	32.8	4.3	-1.6	4.8	3.6	6.3	-38.4	3.5	-13.0	0.6	1.3	100.0	1.4	-3.9	-0.1	2.2
btag_B_3	7.2	1.8	3.4	10.8	3.5	12.0	10.8	-13.1	1.8	-1.4	1.5	-9.9	-2.6	0.7	1.4	100.0	-1.1	-0.2	23.9
scale	-17.2	-7.5	-2.4	24.0	-0.7	3.2	-0.5	-2.6	9.1	-5.5	0.9	-14.3	3.4	-11.6	-3.9	-1.1	100.0	-0.6	-21.0
signal PS	-40.7	0.2	0.7	-0.5	0.7	-0.6	-0.5	-0.1	1.4	0.4	0.2	-1.9	0.2	1.7	-0.1	-0.2	-0.6	100.0	0.7
$\bar{t}t$ ME	5.5	-4.3	2.1	15.7	21.5	19.4	8.8	27.4	24.9	36.0	5.9	-32.3	-5.1	1.4	2.2	23.9	-21.0	0.7	100.0
μ	ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Pileup_RhoTopology	PRW	$\bar{t}t$ PS $t_{\tau_{lep}} \tau_{had}$ 2j	$\bar{t}t$ PS $t_{\tau_{lep}} \tau_{had}$ 3j	$\bar{t}t$ PS $t_{\tau_{had}}$ 1j	$\bar{t}t$ PS $t_{\tau_{had}}$ 2j	$\bar{t}t$ PS $t_{\tau_{had} \tau_{had}}$	TES_DETECTOR	btag_B_0	btag_B_3	scale	signal PS	$\bar{t}t$ ME	