

$\mu$	100.0	2.6	1.6	-4.0	4.1	8.9	-0.2	1.7	-0.9	-0.0	1.1	4.8	-20.5	12.8	-12.2
ABCD electron	2.6	100.0	-59.6	21.6	-3.0	3.0	3.2	10.4	6.2	13.9	8.9	-0.1	-10.2	4.1	-22.9
ABCD muon	1.6	-59.6	100.0	10.5	-1.0	0.9	0.5	3.7	1.6	5.3	5.2	-0.2	-3.3	0.5	-11.1
FSR	-4.0	21.6	10.5	100.0	3.6	8.8	1.2	-6.0	-3.2	46.8	16.7	6.7	25.0	-3.7	-13.4
ISR	4.1	-3.0	-1.0	3.6	100.0	-7.7	8.6	-0.4	-4.2	1.5	2.2	-2.6	-2.6	28.6	-30.6
JET_Flavor_Composition	8.9	3.0	0.9	8.8	-7.7	100.0	16.9	-25.1	12.5	-8.1	-2.8	9.5	1.4	33.7	-14.0
JET_Flavor_Response	-0.2	3.2	0.5	1.2	8.6	16.9	100.0	16.8	1.0	1.9	0.6	1.0	7.6	-21.3	9.3
JET_Pileup_RhoTopology	1.7	10.4	3.7	-6.0	-0.4	-25.1	16.8	100.0	11.4	3.3	0.2	12.3	-2.4	22.2	-7.1
PRW	-0.9	6.2	1.6	-3.2	-4.2	12.5	1.0	11.4	100.0	4.7	0.9	-12.5	-2.4	29.1	1.7
btag_B_0	-0.0	13.9	5.3	46.8	1.5	-8.1	1.9	3.3	4.7	100.0	-23.1	-2.5	-10.5	14.3	-15.1
btag_B_1	1.1	8.9	5.2	16.7	2.2	-2.8	0.6	0.2	0.9	-23.1	100.0	-2.1	-2.2	-3.6	-2.3
btag_B_3	4.8	-0.1	-0.2	6.7	-2.6	9.5	1.0	12.3	-12.5	-2.5	-2.1	100.0	-2.1	20.5	10.8
scale	-20.5	-10.2	-3.3	25.0	-2.6	1.4	7.6	-2.4	-2.4	-10.5	-2.2	-2.1	100.0	-29.0	3.0
$t\bar{t}$ ME	12.8	4.1	0.5	-3.7	28.6	33.7	-21.3	22.2	29.1	14.3	-3.6	20.5	-29.0	100.0	-27.0
$t\bar{t}$ PS	-12.2	-22.9	-11.1	-13.4	-30.6	-14.0	9.3	-7.1	1.7	-15.1	-2.3	10.8	3.0	-27.0	100.0
$\mu$		ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_RhoTopology	PRW	btag_B_0	btag_B_1	btag_B_3	scale	$t\bar{t}$ ME	$t\bar{t}$ PS