

ABCD electron	100.0	-59.7	22.8	-1.2	3.7	9.6	6.3	12.8	11.1	0.1	-8.3	4.6	-23.5
ABCD muon	-59.7	100.0	9.8	-0.6	0.3	5.0	2.7	4.7	4.9	0.0	-4.3	2.5	-11.1
FSR	22.8	9.8	100.0	7.2	11.0	-5.2	-1.6	46.3	19.7	7.2	26.1	0.6	-16.3
ISR	-1.2	-0.6	7.2	100.0	-7.4	0.7	-1.9	3.8	5.8	-1.0	-1.7	30.7	-30.6
JET_Flavor_Composition	3.7	0.3	11.0	-7.4	100.0	-26.6	12.6	-8.5	-0.2	10.5	5.0	32.5	-13.4
JET_Pileup_RhoTopology	9.6	5.0	-5.2	0.7	-26.6	100.0	11.4	2.9	1.2	12.0	-2.7	24.0	-8.1
PRW	6.3	2.7	-1.6	-1.9	12.6	11.4	100.0	4.7	3.7	-11.7	-3.1	30.1	0.3
btag_B_0	12.8	4.7	46.3	3.8	-8.5	2.9	4.7	100.0	-21.3	-2.9	-9.9	15.9	-15.3
btag_B_1	11.1	4.9	19.7	5.8	-0.2	1.2	3.7	-21.3	100.0	0.3	-1.7	1.9	-4.3
btag_B_3	0.1	0.0	7.2	-1.0	10.5	12.0	-11.7	-2.9	0.3	100.0	-2.0	22.2	10.1
scale	-8.3	-4.3	26.1	-1.7	5.0	-2.7	-3.1	-9.9	-1.7	-2.0	100.0	-26.7	-0.7
$\bar{t}t$ ME	4.6	2.5	0.6	30.7	32.5	24.0	30.1	15.9	1.9	22.2	-26.7	100.0	-27.4
$\bar{t}t$ PS	-23.5	-11.1	-16.3	-30.6	-13.4	-8.1	0.3	-15.3	-4.3	10.1	-0.7	-27.4	100.0
ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Pileup_RhoTopology	PRW	btag_B_0	btag_B_1	btag_B_3	scale	$\bar{t}t$ ME	$\bar{t}t$ PS	