

ABCD electron	100.0	-62.8	18.1	-5.0	5.9	1.0	5.2	9.1	16.1	-7.4	-16.6	1.0
ABCD muon	-62.8	100.0	9.3	-2.2	3.6	1.3	2.0	4.1	8.0	-2.6	-8.0	0.6
FSR	18.1	9.3	100.0	-11.4	17.8	-12.1	10.3	-16.1	33.7	25.5	-13.6	-6.9
JES_Modelling1	-5.0	-2.2	-11.4	100.0	-11.2	5.6	0.4	-23.9	1.8	-0.5	-11.6	6.7
JET_Flavor_Composition	5.9	3.6	17.8	-11.2	100.0	35.8	-6.8	-41.5	-9.8	8.1	-18.8	-8.6
JET_Flavor_Response	1.0	1.3	-12.1	5.6	35.8	100.0	4.6	10.7	2.0	-4.0	8.3	1.6
JET_Pileup_OffsetNPV	5.2	2.0	10.3	0.4	-6.8	4.6	100.0	-21.4	6.5	0.7	-7.7	-14.2
JET_Pileup_RhoTopology	9.1	4.1	-16.1	-23.9	-41.5	10.7	-21.4	100.0	9.1	4.2	-8.1	-2.9
btag_B_0	16.1	8.0	33.7	1.8	-9.8	2.0	6.5	9.1	100.0	-12.0	-26.3	8.5
scale	-7.4	-2.6	25.5	-0.5	8.1	-4.0	0.7	4.2	-12.0	100.0	-28.4	5.3
$\bar{t}t$ PS	-16.6	-8.0	-13.6	-11.6	-18.8	8.3	-7.7	-8.1	-26.3	-28.4	100.0	-33.3
$\bar{t}t$ hdamp	1.0	0.6	-6.9	6.7	-8.6	1.6	-14.2	-2.9	8.5	5.3	-33.3	100.0
	ABCD electron	ABCD muon	FSR	JES_Modelling1	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_OffsetNPV	JET_Pileup_RhoTopology	btag_B_0	scale	$\bar{t}t$ PS	$\bar{t}t$ hdamp