

ABCD electron	100.0	-62.8	18.9	-4.9	7.7	3.3	4.6	9.3	16.6	-7.3	-16.5	1.8
ABCD muon	-62.8	100.0	8.5	-2.1	2.4	0.2	2.4	3.7	7.3	-3.2	-7.2	0.7
FSR	18.9	8.5	100.0	-11.7	18.8	-8.5	9.4	-16.5	33.8	25.2	-11.3	-5.1
JES_Modelling1	-4.9	-2.1	-11.7	100.0	-11.6	5.8	0.3	-23.7	1.4	-0.9	-10.6	5.8
JET_Flavor_Composition	7.7	2.4	18.8	-11.6	100.0	36.7	-7.6	-40.0	-8.2	7.6	-18.8	-7.2
JET_Flavor_Response	3.3	0.2	-8.5	5.8	36.7	100.0	5.5	10.7	4.5	-3.2	7.8	2.5
JET_Pileup_OffsetNPV	4.6	2.4	9.4	0.3	-7.6	5.5	100.0	-20.6	6.5	0.2	-6.6	-14.7
JET_Pileup_RhoTopology	9.3	3.7	-16.5	-23.7	-40.0	10.7	-20.6	100.0	8.4	4.7	-9.5	-2.7
btag_B_0	16.6	7.3	33.8	1.4	-8.2	4.5	6.5	8.4	100.0	-12.0	-24.9	8.7
scale	-7.3	-3.2	25.2	-0.9	7.6	-3.2	0.2	4.7	-12.0	100.0	-27.2	5.6
$\bar{t}t$ PS	-16.5	-7.2	-11.3	-10.6	-18.8	7.8	-6.6	-9.5	-24.9	-27.2	100.0	-33.3
$\bar{t}t$ hdamp	1.8	0.7	-5.1	5.8	-7.2	2.5	-14.7	-2.7	8.7	5.6	-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