

ABCD electron	100.0	-62.9	18.7	-4.5	6.1	1.6	4.8	8.9	16.3	-7.5	-16.4	1.5
ABCD muon	-62.9	100.0	8.5	-2.4	3.0	1.0	2.1	4.1	7.7	-3.3	-7.2	0.6
FSR	18.7	8.5	100.0	-11.0	17.8	-11.0	9.9	-16.4	33.9	24.5	-12.4	-6.7
JES_Modelling1	-4.5	-2.4	-11.0	100.0	-12.1	6.1	0.6	-23.2	2.2	-0.7	-11.2	6.5
JET_Flavor_Composition	6.1	3.0	17.8	-12.1	100.0	34.8	-7.8	-42.0	-10.2	7.2	-17.9	-9.1
JET_Flavor_Response	1.6	1.0	-11.0	6.1	34.8	100.0	4.9	9.9	2.8	-4.8	9.1	2.3
JET_Pileup_OffsetNPV	4.8	2.1	9.9	0.6	-7.8	4.9	100.0	-21.4	6.6	0.1	-7.1	-14.3
JET_Pileup_RhoTopology	8.9	4.1	-16.4	-23.2	-42.0	9.9	-21.4	100.0	8.6	4.7	-8.3	-1.9
btag_B_0	16.3	7.7	33.9	2.2	-10.2	2.8	6.6	8.6	100.0	-12.5	-25.5	9.1
scale	-7.5	-3.3	24.5	-0.7	7.2	-4.8	0.1	4.7	-12.5	100.0	-27.6	5.0
$\bar{t}t$ PS	-16.4	-7.2	-12.4	-11.2	-17.9	9.1	-7.1	-8.3	-25.5	-27.6	100.0	-32.9
$\bar{t}t$ hdamp	1.5	0.6	-6.7	6.5	-9.1	2.3	-14.3	-1.9	9.1	5.0	-32.9	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