

ABCD electron	100.0	-62.8	18.5	-4.4	6.4	1.8	5.0	9.2	16.4	-7.2	-16.5	0.9
ABCD muon	-62.8	100.0	8.9	-2.2	2.5	0.8	2.5	3.8	7.6	-3.0	-6.9	0.5
FSR	18.5	8.9	100.0	-10.5	17.0	-10.8	10.7	-15.7	34.0	25.1	-12.5	-7.1
JES_Modelling1	-4.4	-2.2	-10.5	100.0	-10.9	6.8	0.6	-23.5	2.3	-0.2	-11.8	6.9
JET_Flavor_Composition	6.4	2.5	17.0	-10.9	100.0	35.3	-6.9	-42.3	-10.5	7.5	-18.4	-9.3
JET_Flavor_Response	1.8	0.8	-10.8	6.8	35.3	100.0	5.5	9.6	3.0	-3.7	8.7	2.0
JET_Pileup_OffsetNPV	5.0	2.5	10.7	0.6	-6.9	5.5	100.0	-20.8	7.0	0.6	-7.8	-14.0
JET_Pileup_RhoTopology	9.2	3.8	-15.7	-23.5	-42.3	9.6	-20.8	100.0	9.1	4.7	-7.6	-2.8
btag_B_0	16.4	7.6	34.0	2.3	-10.5	3.0	7.0	9.1	100.0	-11.7	-25.2	8.5
scale	-7.2	-3.0	25.1	-0.2	7.5	-3.7	0.6	4.7	-11.7	100.0	-27.9	5.0
$\bar{t}t$ PS	-16.5	-6.9	-12.5	-11.8	-18.4	8.7	-7.8	-7.6	-25.2	-27.9	100.0	-32.6
$\bar{t}t$ hdamp	0.9	0.5	-7.1	6.9	-9.3	2.0	-14.0	-2.8	8.5	5.0	-32.6	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