

$\mu$	100.0	-0.6	-0.4	-1.1	-1.8	6.9	0.2	-3.2	-2.6	-6.4	21.5	-7.9	4.8
ABCD electron	-0.6	100.0	-62.8	19.0	-5.3	6.6	2.6	9.3	16.6	-7.7	1.1	-16.1	1.2
ABCD muon	-0.4	-62.8	100.0	8.1	-2.1	2.2	-0.4	3.6	6.8	-3.5	0.4	-6.9	0.4
FSR	-1.1	19.0	8.1	100.0	-12.1	17.2	-11.1	-16.2	33.3	24.9	-1.3	-11.8	-6.9
JES_Modelling1	-1.8	-5.3	-2.1	-12.1	100.0	-12.3	5.4	-23.8	1.4	-0.7	0.8	-10.6	6.0
JET_Flavor_Composition	6.9	6.6	2.2	17.2	-12.3	100.0	34.7	-41.8	-11.0	6.6	-0.7	-18.4	-8.5
JET_Flavor_Response	0.2	2.6	-0.4	-11.1	5.4	34.7	100.0	10.7	2.5	-4.9	0.9	10.1	1.5
JET_Pileup_RhoTopology	-3.2	9.3	3.6	-16.2	-23.8	-41.8	10.7	100.0	9.3	4.2	1.2	-7.6	-2.9
btag_B_0	-2.6	16.6	6.8	33.3	1.4	-11.0	2.5	9.3	100.0	-12.5	0.4	-24.4	8.0
scale	-6.4	-7.7	-3.5	24.9	-0.7	6.6	-4.9	4.2	-12.5	100.0	-0.3	-26.7	4.3
signal PS	21.5	1.1	0.4	-1.3	0.8	-0.7	0.9	1.2	0.4	-0.3	100.0	-1.4	1.6
$\bar{t}t$ PS	-7.9	-16.1	-6.9	-11.8	-10.6	-18.4	10.1	-7.6	-24.4	-26.7	-1.4	100.0	-32.3
$\bar{t}t$ hdamp	4.8	1.2	0.4	-6.9	6.0	-8.5	1.5	-2.9	8.0	4.3	1.6	-32.3	100.0
	$\mu$	ABCD electron	ABCD muon	FSR	JES_Modelling1	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_RhoTopology	btag_B_0	scale	signal PS	$\bar{t}t$ PS	$\bar{t}t$ hdamp