

$\mu$	100.0	3.9	1.7	-7.7	-2.7	-0.7	-0.7	-5.8	-22.4	21.5	-8.0	6.2
ABCD electron	3.9	100.0	-64.3	17.9	-5.1	3.8	10.2	14.2	-13.7	0.5	-12.6	1.2
ABCD muon	1.7	-64.3	100.0	7.9	-2.1	1.8	4.4	6.2	-5.8	0.3	-5.5	0.4
FSR	-7.7	17.9	7.9	100.0	-6.4	11.2	-10.9	42.3	12.7	0.1	22.0	-19.3
ISR	-2.7	-5.1	-2.1	-6.4	100.0	-1.6	-2.2	6.2	6.8	-0.6	-31.2	-8.6
JET_Flavor_Composition	-0.7	3.8	1.8	11.2	-1.6	100.0	-36.6	-0.6	8.6	0.7	-17.1	-6.8
JET_Pileup_RhoTopology	-0.7	10.2	4.4	-10.9	-2.2	-36.6	100.0	1.2	9.3	1.4	-6.7	-8.2
btag_B_0	-5.8	14.2	6.2	42.3	6.2	-0.6	1.2	100.0	-0.9	0.2	-28.9	5.7
scale	-22.4	-13.7	-5.8	12.7	6.8	8.6	9.3	-0.9	100.0	0.1	-0.9	11.9
signal PS	21.5	0.5	0.3	0.1	-0.6	0.7	1.4	0.2	0.1	100.0	-1.1	-0.2
$\bar{t}t$ PS	-8.0	-12.6	-5.5	22.0	-31.2	-17.1	-6.7	-28.9	-0.9	-1.1	100.0	-52.6
$\bar{t}t$ hdamp	6.2	1.2	0.4	-19.3	-8.6	-6.8	-8.2	5.7	11.9	-0.2	-52.6	100.0
	$\mu$	ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Pileup_RhoTopology	btag_B_0	scale	signal PS	$\bar{t}t$ PS	$\bar{t}t$ hdamp