

$\mu$	100.0	5.7	2.6	3.8	-3.5	-1.7	-3.8	2.2	3.6	-20.2	-1.2	-0.4
ABCD electron	5.7	100.0	-61.4	13.5	-4.0	3.9	11.7	16.5	7.2	-0.1	-13.8	1.8
ABCD muon	2.6	-61.4	100.0	6.7	-1.5	2.0	5.0	7.9	3.3	0.0	-6.2	0.8
FSR	3.8	13.5	6.7	100.0	-11.7	9.2	-9.3	51.5	26.8	0.1	21.8	-10.4
ISR	-3.5	-4.0	-1.5	-11.7	100.0	-2.4	-1.7	9.7	5.4	0.3	-39.5	-8.5
JET_Flavor_Composition	-1.7	3.9	2.0	9.2	-2.4	100.0	-35.2	1.6	-1.0	-0.7	-23.0	-3.8
JET_Pileup_RhoTopology	-3.8	11.7	5.0	-9.3	-1.7	-35.2	100.0	3.7	2.4	0.1	-8.7	-10.4
btag_B_0	2.2	16.5	7.9	51.5	9.7	1.6	3.7	100.0	-24.2	0.0	-22.1	8.6
btag_B_1	3.6	7.2	3.3	26.8	5.4	-1.0	2.4	-24.2	100.0	-0.1	-10.6	6.2
signal PS	-20.2	-0.1	0.0	0.1	0.3	-0.7	0.1	0.0	-0.1	100.0	0.2	0.8
$\bar{t}t$ PS	-1.2	-13.8	-6.2	21.8	-39.5	-23.0	-8.7	-22.1	-10.6	0.2	100.0	-52.7
$\bar{t}t$ hdamp	-0.4	1.8	0.8	-10.4	-8.5	-3.8	-10.4	8.6	6.2	0.8	-52.7	100.0
	$\mu$	ABCD electron	ABCD muon	FSR	ISR	JET_Flavor_Composition	JET_Pileup_RhoTopology	btag_B_0	btag_B_1	signal PS	$\bar{t}t$ PS	$\bar{t}t$ hdamp