

$\mu$	100.0	4.1	2.1	-4.8	-0.9	2.4	0.1	0.5	2.3	74.6	-9.2	-0.7
ABCD electron	4.1	100.0	-61.5	13.1	-3.6	3.5	11.7	16.2	7.1	0.8	-13.8	1.9
ABCD muon	2.1	-61.5	100.0	6.2	-1.7	2.0	5.1	7.6	3.2	0.7	-6.1	0.8
FSR	-4.8	13.1	6.2	100.0	-12.0	8.6	-9.5	51.1	26.3	0.4	23.5	-10.9
ISR	-0.9	-3.6	-1.7	-12.0	100.0	-2.1	-1.5	9.5	5.3	-1.4	-39.5	-8.7
JET_Flavor_Composition	2.4	3.5	2.0	8.6	-2.1	100.0	-35.9	0.8	-1.0	2.1	-22.5	-3.5
JET_Pileup_RhoTopology	0.1	11.7	5.1	-9.5	-1.5	-35.9	100.0	3.5	2.3	1.4	-8.5	-10.5
btag_B_0	0.5	16.2	7.6	51.1	9.5	0.8	3.5	100.0	-24.7	0.5	-21.0	8.5
btag_B_1	2.3	7.1	3.2	26.3	5.3	-1.0	2.3	-24.7	100.0	0.6	-10.4	6.3
signal PS	74.6	0.8	0.7	0.4	-1.4	2.1	1.4	0.5	0.6	100.0	-0.2	-1.1
$\bar{t}t$ PS	-9.2	-13.8	-6.1	23.5	-39.5	-22.5	-8.5	-21.0	-10.4	-0.2	100.0	-53.0
$\bar{t}t$ hdamp	-0.7	1.9	0.8	-10.9	-8.7	-3.5	-10.5	8.5	6.3	-1.1	-53.0	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