

$\mu$	100.0	4.0	1.7	-4.6	-0.3	0.9	-0.3	0.5	1.6	82.0	-8.4	1.0
ABCD electron	4.0	100.0	-61.4	13.2	-3.6	4.0	11.7	16.6	6.9	1.5	-14.0	1.8
ABCD muon	1.7	-61.4	100.0	6.5	-1.6	1.9	5.0	7.8	3.3	0.7	-6.3	1.0
FSR	-4.6	13.2	6.5	100.0	-11.6	8.6	-10.2	51.2	26.2	0.9	23.1	-10.5
ISR	-0.3	-3.6	-1.6	-11.6	100.0	-2.1	-1.6	9.9	5.4	-0.5	-39.4	-8.9
JET_Flavor_Composition	0.9	4.0	1.9	8.6	-2.1	100.0	-35.9	1.3	-1.2	-0.2	-22.9	-3.4
JET_Pileup_RhoTopology	-0.3	11.7	5.0	-10.2	-1.6	-35.9	100.0	3.2	2.0	0.2	-8.5	-10.4
btag_B_0	0.5	16.6	7.8	51.2	9.9	1.3	3.2	100.0	-24.7	0.6	-21.7	8.8
btag_B_1	1.6	6.9	3.3	26.2	5.4	-1.2	2.0	-24.7	100.0	0.1	-10.3	6.3
signal PS	82.0	1.5	0.7	0.9	-0.5	-0.2	0.2	0.6	0.1	100.0	0.1	0.6
$t\bar{t}$ PS	-8.4	-14.0	-6.3	23.1	-39.4	-22.9	-8.5	-21.7	-10.3	0.1	100.0	-52.7
$t\bar{t}$ hdamp	1.0	1.8	1.0	-10.5	-8.9	-3.4	-10.4	8.8	6.3	0.6	-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	$t\bar{t}$ PS	$t\bar{t}$ hdamp