

$\mu$	100.0	3.8	1.8	-3.0	-0.4	0.7	-0.5	1.3	2.1	77.6	-7.9	1.0
ABCD electron	3.8	100.0	-61.6	13.1	-3.6	4.1	11.7	16.6	6.8	0.6	-14.1	1.9
ABCD muon	1.8	-61.6	100.0	6.5	-1.7	1.9	5.1	7.7	3.3	0.5	-6.3	1.2
FSR	-3.0	13.1	6.5	100.0	-11.8	9.0	-9.7	51.5	26.1	0.9	22.5	-10.1
ISR	-0.4	-3.6	-1.7	-11.8	100.0	-2.2	-1.6	9.6	5.4	-0.9	-39.5	-8.6
JET_Flavor_Composition	0.7	4.1	1.9	9.0	-2.2	100.0	-35.7	1.5	-1.0	-0.7	-23.0	-3.2
JET_Pileup_RhoTopology	-0.5	11.7	5.1	-9.7	-1.6	-35.7	100.0	3.5	2.1	0.7	-8.5	-10.4
btag_B_0	1.3	16.6	7.7	51.5	9.6	1.5	3.5	100.0	-24.5	0.5	-21.9	9.2
btag_B_1	2.1	6.8	3.3	26.1	5.4	-1.0	2.1	-24.5	100.0	-0.2	-10.7	6.3
signal PS	77.6	0.6	0.5	0.9	-0.9	-0.7	0.7	0.5	-0.2	100.0	1.0	0.7
$\bar{t}t$ PS	-7.9	-14.1	-6.3	22.5	-39.5	-23.0	-8.5	-21.9	-10.7	1.0	100.0	-52.9
$\bar{t}t$ hdamp	1.0	1.9	1.2	-10.1	-8.6	-3.2	-10.4	9.2	6.3	0.7	-52.9	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