

BTag_B_0	100.0	1.8	-0.5	-3.5	3.4	-0.8	-0.8	-2.0	-0.5	3.8	2.4	-0.9	-1.2	1.8	0.6	2.3	2.2	-0.4	-0.7	-3.9	-1.6	-5.7	-4.3	16.3	10.4	11.5	12.9	16.8	11.9
JET_BJES_Response	1.8	100.0	-0.0	1.8	-1.8	0.6	-0.2	0.4	0.0	-1.7	-1.3	-0.4	-0.0	0.0	-0.1	-3.8	-0.7	-0.0	1.1	2.2	0.2	1.4	0.7	-10.6	-8.6	-11.9	-15.3	-14.5	-7.2
JET_EffectiveNP_Modelling1	-0.5	-0.0	100.0	-2.1	3.3	-0.6	-3.2	-0.3	-0.7	0.5	-2.3	-2.8	-2.8	2.2	-0.4	-1.2	-2.3	0.8	1.7	-1.2	-2.1	-8.8	-2.5	-7.8	-13.1	-14.4	-15.3	-11.1	-6.7
JET_Flavor_Composition	-3.5	1.8	-2.1	100.0	5.7	-0.8	-3.7	-3.6	-1.4	5.5	-0.1	-5.2	-2.5	-0.3	-1.1	-2.1	-3.3	-1.1	-1.3	-6.3	-3.4	-16.6	-6.5	-31.9	-29.4	-34.9	-35.3	-32.0	-21.1
JET_Flavor_Response	3.4	-1.8	3.3	5.7	100.0	1.5	5.0	1.7	1.1	-3.7	0.4	4.4	3.8	-4.0	-0.3	-1.4	1.8	0.0	-0.4	3.6	4.0	16.7	6.6	6.8	10.6	11.7	10.7	7.3	5.7
JET_Pileup_OffsetNPV	-0.8	0.6	-0.6	-0.8	1.5	100.0	-0.5	-0.8	-0.1	0.7	-1.2	-3.8	-0.9	0.5	-0.6	1.2	-4.3	0.1	0.6	0.6	0.2	-3.2	-0.5	-7.1	-14.8	-17.1	-17.8	-16.4	-9.7
JET_Pileup_RhoTopology	-0.8	-0.2	-3.2	-3.7	5.0	-0.5	100.0	-0.9	-1.3	1.5	-2.0	-3.5	-1.6	0.7	0.0	-5.7	-3.4	-0.2	2.3	-2.0	-4.9	-15.8	-5.2	-36.7	-32.6	-36.7	-39.6	-36.1	-22.4
PileupRW	-2.0	0.4	-0.3	-3.6	1.7	-0.8	-0.9	100.0	-0.8	3.3	0.8	-5.3	0.1	-0.6	0.2	-1.2	-0.5	-0.6	-1.9	-3.7	-1.9	-5.1	-5.8	15.8	10.6	10.0	6.7	9.4	7.6
Photon_ID	-0.5	0.0	-0.7	-1.4	1.1	-0.1	-1.3	-0.8	100.0	1.0	-1.5	-3.8	-0.7	-0.1	-0.2	-1.5	-0.3	-0.1	0.2	-2.3	-1.3	-4.5	-1.8	-18.7	-3.3	-3.4	-3.1	-3.0	-2.7
Photon_effIso	3.8	-1.7	0.5	5.5	-3.7	0.7	1.5	3.3	1.0	100.0	-4.3	-0.7	1.3	-1.5	-0.8	1.6	-6.0	1.6	1.8	6.8	3.0	8.3	7.7	-22.0	-20.3	-19.7	-19.5	-18.5	-12.8
efakeSF_	2.4	-1.3	-2.3	-0.1	0.4	-1.2	-2.0	0.8	-1.5	-4.3	100.0	-44.9	-3.1	0.5	-3.8	6.7	-14.7	8.9	4.0	-10.7	0.4	-0.2	0.4	5.9	12.1	7.1	3.1	2.4	-1.2
hfakeSF_	-0.9	-0.4	-2.8	-5.2	4.4	-3.8	-3.5	-5.3	-3.8	-0.7	-44.9	100.0	3.7	-4.9	-4.9	14.1	-33.0	12.6	6.8	-20.1	-0.4	-4.7	-10.0	-10.6	-7.6	-14.2	-12.8	-5.4	8.0
lepfakeSF_	-1.2	-0.0	-2.8	-2.5	3.8	-0.9	-1.6	0.1	-0.7	1.3	-3.1	3.7	100.0	19.8	7.3	8.6	-1.1	2.2	-2.1	-9.3	-1.1	-7.6	-4.8	11.7	3.6	4.4	6.2	0.8	-2.5
lepfakeSF_var1	1.8	0.0	2.2	-0.3	-4.0	0.5	0.7	-0.6	-0.1	-1.5	0.5	-4.9	19.8	100.0	0.5	-8.5	-3.4	-3.1	0.4	4.2	-0.1	0.6	4.9	-9.3	-11.4	-0.4	-3.7	-3.3	-14.1
lepfakeSF_var2	0.6	-0.1	-0.4	-1.1	-0.3	-0.6	0.0	0.2	-0.2	-0.8	-3.8	-4.9	7.3	0.5	100.0	1.7	-2.9	-0.4	-1.3	-3.0	0.0	-1.2	-0.1	-0.8	23.1	16.3	17.4	13.4	15.6
tty_dec_Herwig7	2.3	-3.8	-1.2	-2.1	-1.4	1.2	-5.7	-1.2	-1.5	1.6	6.7	14.1	8.6	-8.5	1.7	100.0	7.0	-5.9	1.7	4.1	-6.1	-9.4	-6.6	59.0	23.8	27.0	19.2	2.0	0.9
tty_prod_Herwig7	2.2	-0.7	-2.3	-3.3	1.8	-4.3	-3.4	-0.5	-0.3	-6.0	-14.7	-33.0	-1.1	-3.4	-2.9	7.0	100.0	-0.7	-1.0	1.8	0.3	-0.9	-4.2	24.2	20.0	26.1	31.0	18.6	3.3
tty_prod_muR	-0.4	-0.0	0.8	-1.1	0.0	0.1	-0.2	-0.6	-0.1	1.6	8.9	12.6	2.2	-3.1	-0.4	-5.9	-0.7	100.0	-1.8	3.8	-1.4	-2.6	-2.4	-11.5	-15.9	-20.1	-12.0	-4.9	1.3
tty_prod_var3c	-0.7	1.1	1.7	-1.3	-0.4	0.6	2.3	-1.9	0.2	1.8	4.0	6.8	-2.1	0.4	-1.3	1.7	-1.0	-1.8	100.0	-1.6	0.2	3.3	-1.9	7.6	-4.4	-19.7	-16.9	-7.4	-8.9
highpt_uncalib_ljet	-3.9	2.2	-1.2	-6.3	3.6	0.6	-2.0	-3.7	-2.3	6.8	-10.7	-20.1	-9.3	4.2	-3.0	4.1	1.8	3.8	-1.6	100.0	-4.5	-15.4	-5.8	20.0	-38.9	-13.7	-0.0	9.8	5.7
Wty Norm	-1.6	0.2	-2.1	-3.4	4.0	0.2	-4.9	-1.9	-1.3	3.0	0.4	-0.4	-1.1	-0.1	0.0	-6.1	0.3	-1.4	0.2	-4.5	100.0	-15.0	-4.0	-15.9	-5.7	-8.9	-15.0	-25.4	-15.2
Wγ Norm	-5.7	1.4	-8.8	-16.6	16.7	-3.2	-15.8	-5.1	-4.5	8.3	-0.2	-4.7	-7.6	0.6	-1.2	-9.4	-0.9	-2.6	3.3	-15.4	-15.0	100.0	-16.6	11.0	26.6	21.4	12.2	0.7	-6.2
Zγ Norm	-4.3	0.7	-2.5	-6.5	6.6	-0.5	-5.2	-5.8	-1.8	7.7	0.4	-10.0	-4.8	4.9	-0.1	-6.6	-4.2	-2.4	-1.9	-5.8	-4.0	-16.6	100.0	-2.2	11.7	9.0	5.8	7.0	0.9
Norm factor for tty dec	16.3	-10.6	-7.8	-31.9	6.8	-7.1	-36.7	15.8	-18.7	-22.0	5.9	-10.6	11.7	-9.3	-0.8	59.0	24.2	-11.5	7.6	20.0	-15.9	11.0	-2.2	100.0	48.0	57.4	57.3	45.0	26.2
tty_drj Unfolded Truth Bin 1	10.4	-8.6	-13.1	-29.4	10.6	-14.8	-32.6	10.6	-3.3	-20.3	12.1	-7.6	3.6	-11.4	23.1	23.8	20.0	-15.9	-4.4	-38.9	-5.7	26.6	11.7	48.0	100.0	80.3	71.9	53.4	32.5
tty_drj Unfolded Truth Bin 2	11.5	-11.9	-14.4	-34.9	11.7	-17.1	-36.7	10.0	-3.4	-19.7	7.1	-14.2	4.4	-0.4	16.3	27.0	26.1	-20.1	-19.7	-13.7	-8.9	21.4	9.0	57.4	80.3	100.0	83.1	65.1	38.1
tty_drj Unfolded Truth Bin 3	12.9	-15.3	-15.3	-35.3	10.7	-17.8	-39.6	6.7	-3.1	-19.5	3.1	-12.8	6.2	-3.7	17.4	19.2	31.0	-12.0	-16.9	-0.0	-15.0	12.2	5.8	57.3	71.9	83.1	100.0	72.2	44.6
tty_drj Unfolded Truth Bin 4	16.8	-14.5	-11.1	-32.0	7.3	-16.4	-36.1	9.4	-3.0	-18.5	2.4	-5.4	0.8	-3.3	13.4	2.0	18.6	-4.9	-7.4	9.8	-25.4	0.7	7.0	45.0	53.4	65.1	72.2	100.0	45.9
tty_drj Unfolded Truth Bin 5	11.9	-7.2	-6.7	-21.1	5.7	-9.7	-22.4	7.6	-2.7	-12.8	-1.2	8.0	-2.5	-14.1	15.6	0.9	3.3	1.3	-8.9	5.7	-15.2	-6.2	0.9	26.2	32.5	38.1	44.6	45.9	100.0

BTag_B_0	JET_BJES_Response	JET_EffectiveNP_Modelling1	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_OffsetNPV	JET_Pileup_RhoTopology	PileupRW	Photon_ID	Photon_effIso	efakeSF_	hfakeSF_	lepfakeSF_	lepfakeSF_var1	lepfakeSF_var2	tty_dec_Herwig7	tty_prod_Herwig7	tty_prod_muR	tty_prod_var3c	highpt_uncalib_ljet	Wty Norm	Wγ Norm	Zγ Norm	Norm factor for tty dec	tty_drj Unfolded Truth Bin 1	tty_drj Unfolded Truth Bin 2	tty_drj Unfolded Truth Bin 3	tty_drj Unfolded Truth Bin 4	tty_drj Unfolded Truth Bin 5
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