

BTag_B_0	100.0	0.0	0.0	0.0	-0.0	-0.0	0.1	0.0	-0.0	0.1	0.0	-0.0	0.0	-0.0	0.1	-0.0	-0.4	0.1	-0.2	0.0	0.1	4.2	11.1	8.0	10.3	9.4	7.5	4.9
EG_SCALE_ALL	0.0	100.0	0.0	-0.1	-0.1	-0.0	0.2	-0.1	-0.0	-0.1	0.0	-0.2	0.4	0.2	0.1	4.5	-1.8	-1.0	-0.2	-0.1	0.3	-2.8	-0.4	-0.8	-3.5	-5.9	-7.4	-22.6
Electron_Iso_SF_0	0.0	0.0	100.0	0.0	-0.0	-0.0	-0.2	0.1	-0.0	-0.1	-0.0	-0.1	-0.1	-0.0	-0.0	-0.3	-0.2	0.1	-0.5	-0.1	-0.3	-11.3	-8.3	-6.5	-8.2	-11.6	-10.6	-8.9
JET_BJES_Response	0.0	-0.1	0.0	100.0	-0.0	0.1	0.1	-0.2	-0.0	-0.1	0.0	-0.1	-0.1	0.0	-0.1	-0.3	0.4	-0.2	1.6	0.1	0.2	-3.4	-11.2	-9.8	-9.8	-10.4	-6.6	-5.9
JET_EffectiveNP_Modelling1	-0.0	-0.1	-0.0	-0.0	100.0	-0.0	-0.2	0.0	-0.0	-0.2	-0.0	-0.1	-0.0	-0.0	-0.1	0.7	0.3	-0.2	-0.5	-0.1	-0.2	-0.6	-15.3	-12.3	-13.6	-12.0	-7.0	-6.9
JET_EtaIntercalibration_Modelling	-0.0	-0.0	-0.0	0.1	-0.0	100.0	-0.3	0.1	-0.0	-0.1	-0.0	-0.1	-0.1	-0.1	-0.1	0.1	0.3	0.1	-1.0	-0.1	-0.3	-3.4	-12.5	-9.2	-10.9	-10.1	-6.2	-5.5
JET_Flavor_Composition	0.1	0.2	-0.2	0.1	-0.2	-0.3	100.0	0.5	-0.2	-0.6	-0.1	-0.5	-0.6	-0.3	-0.3	-1.6	-0.4	0.5	-3.6	-0.5	-2.2	-21.1	-12.5	-6.8	-10.4	-9.6	-7.6	-5.0
JET_Flavor_Response	0.0	-0.1	0.1	-0.2	0.0	0.1	0.5	100.0	0.0	0.2	0.1	0.1	0.2	0.1	0.1	0.1	-0.1	-0.3	2.5	0.2	0.8	4.5	11.7	8.7	11.4	8.6	6.5	4.5
JET_Pileup_OffsetNPV	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.2	0.0	100.0	-0.2	-0.0	-0.2	-0.2	-0.0	-0.1	-0.3	0.1	-0.0	-0.5	-0.1	-0.4	-3.4	-10.4	-7.8	-10.3	-9.3	-6.6	-4.5
JET_Pileup_RhoTopology	0.1	-0.1	-0.1	-0.1	-0.2	-0.1	-0.6	0.2	-0.2	100.0	-0.1	-0.4	-0.1	-0.1	-0.2	0.7	0.3	-0.3	-1.2	-0.4	-1.0	-16.6	-26.1	-19.7	-23.4	-23.2	-15.4	-11.9
Luminosity	0.0	0.0	-0.0	0.0	-0.0	-0.0	-0.1	0.1	-0.0	-0.1	100.0	-0.0	-0.0	-0.0	-0.1	-0.1	-0.1	0.0	-0.6	-0.1	-0.3	-11.8	-8.8	-7.0	-9.2	-12.0	-11.2	-9.5
PileupRW	-0.0	-0.2	-0.1	-0.1	-0.1	-0.1	-0.5	0.1	-0.2	-0.4	-0.0	100.0	-0.6	-0.2	-0.1	-0.2	-0.7	0.1	0.7	-0.5	-0.7	18.0	5.3	4.0	5.7	4.5	6.0	4.7
Photon_ID	0.0	0.4	-0.1	-0.1	-0.0	-0.1	-0.6	0.2	-0.2	-0.1	-0.0	-0.6	100.0	-0.5	-0.6	-8.6	-2.0	1.6	0.8	0.7	-0.7	-23.2	-22.8	-5.9	-6.0	-7.5	-6.2	-6.4
Photon_effIso	-0.0	0.2	-0.0	0.0	-0.0	-0.1	-0.3	0.1	-0.0	-0.1	-0.0	-0.2	-0.5	100.0	-0.1	-3.4	0.5	0.7	-0.1	0.2	-0.3	-22.3	-18.8	-13.6	-12.1	-16.1	-9.0	-11.2
hfakeSF	0.1	0.1	-0.0	-0.1	-0.1	-0.1	-0.3	0.1	-0.1	-0.2	-0.1	-0.1	-0.6	-0.1	100.0	-2.2	-0.3	0.2	-0.3	0.0	-0.5	-2.8	-28.4	-15.5	-26.1	-24.6	-18.3	-14.3
tty_dec_Herwig7	-0.0	4.5	-0.3	-0.3	0.7	0.1	-1.6	0.1	-0.3	0.7	-0.1	-0.2	-8.6	-3.4	-2.2	100.0	13.7	12.5	14.6	4.0	-1.7	38.4	-9.6	-2.4	14.6	19.3	9.5	2.8
tty_prod_Herwig7	-0.4	-1.8	-0.2	0.4	0.3	0.3	-0.4	-0.1	0.1	0.3	-0.1	-0.7	-2.0	0.5	-0.3	13.7	100.0	-2.6	-6.7	0.3	-2.0	36.9	-30.1	-62.0	-24.9	-31.6	3.0	18.8
tty_prod_var3c	0.1	-1.0	0.1	-0.2	-0.2	0.1	0.5	-0.3	-0.0	-0.3	0.0	0.1	1.6	0.7	0.2	12.5	-2.6	100.0	-1.0	-0.6	0.3	9.4	-7.8	-3.8	5.4	8.9	0.0	8.7
uncalib_ljet	-0.2	-0.2	-0.5	1.6	-0.5	-1.0	-3.6	2.5	-0.5	-1.2	-0.6	0.7	0.8	-0.1	-0.3	14.6	-6.7	-1.0	100.0	-5.9	-8.1	-1.8	0.8	2.9	2.7	-4.3	-7.1	-19.3
Wty Norm	0.0	-0.1	-0.1	0.1	-0.1	-0.1	-0.5	0.2	-0.1	-0.4	-0.1	-0.5	0.7	0.2	0.0	4.0	0.3	-0.6	-5.9	100.0	-1.3	-33.1	-5.8	-10.7	-15.4	-24.1	-25.0	-22.6
Zy Norm	0.1	0.3	-0.3	0.2	-0.2	-0.3	-2.2	0.8	-0.4	-1.0	-0.3	-0.7	-0.7	-0.3	-0.5	-1.7	-2.0	0.3	-8.1	-1.3	100.0	-33.6	-11.5	2.0	-7.0	-4.9	-12.0	-9.4
Norm factor for tty dec	4.2	-2.8	-11.3	-3.4	-0.6	-3.4	-21.1	4.5	-3.4	-16.6	-11.8	18.0	-23.2	-22.3	-2.8	38.4	36.9	9.4	-1.8	-33.1	-33.6	100.0	-4.9	-16.9	10.8	19.7	31.2	33.8
tty_pt Unfolded Truth Bin 1	11.1	-0.4	-8.3	-11.2	-15.3	-12.5	-12.5	11.7	-10.4	-26.1	-8.8	5.3	-22.8	-18.8	-28.4	-9.6	-30.1	-7.8	0.8	-5.8	-11.5	-4.9	100.0	55.5	51.1	47.5	25.9	16.9
tty_pt Unfolded Truth Bin 2	8.0	-0.8	-6.5	-9.8	-12.3	-9.2	-6.8	8.7	-7.8	-19.7	-7.0	4.0	-5.9	-13.6	-15.5	-2.4	-62.0	-3.8	2.9	-10.7	2.0	-16.9	55.5	100.0	44.3	48.5	17.3	4.5
tty_pt Unfolded Truth Bin 3	10.3	-3.5	-8.2	-9.8	-13.6	-10.9	-10.4	11.4	-10.3	-23.4	-9.2	5.7	-6.0	-12.1	-26.1	14.6	-24.9	5.4	2.7	-15.4	-7.0	10.8	51.1	44.3	100.0	45.8	27.2	18.9
tty_pt Unfolded Truth Bin 4	9.4	-5.9	-11.6	-10.4	-12.0	-10.1	-9.6	8.6	-9.3	-23.2	-12.0	4.5	-7.5	-16.1	-24.6	19.3	-31.6	8.9	-4.3	-24.1	-4.9	19.7	47.5	48.5	45.8	100.0	29.6	22.6
tty_pt Unfolded Truth Bin 5	7.5	-7.4	-10.6	-6.6	-7.0	-6.2	-7.6	6.5	-6.6	-15.4	-11.2	6.0	-6.2	-9.0	-18.3	9.5	3.0	0.0	-7.1	-25.0	-12.0	31.2	25.9	17.3	27.2	29.6	100.0	23.1
tty_pt Unfolded Truth Bin 6	4.9	-22.6	-8.9	-5.9	-6.9	-5.5	-5.0	4.5	-4.5	-11.9	-9.5	4.7	-6.4	-11.2	-14.3	2.8	18.8	8.7	-19.3	-22.6	-9.4	33.8	16.9	4.5	18.9	22.6	23.1	100.0
BTag_B_0	EG_SCALE_ALL	Electron_Iso_SF_0	JET_BJES_Response	JET_EffectiveNP_Modelling1	JET_EtaIntercalibration_Modelling	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_OffsetNPV	JET_Pileup_RhoTopology	Luminosity	PileupRW	Photon_ID	Photon_effIso	hfakeSF	tty_dec_Herwig7	tty_prod_Herwig7	tty_prod_var3c	uncalib_ljet	Wty Norm	Zy Norm	Norm factor for tty dec	tty_pt Unfolded Truth Bin 1	tty_pt Unfolded Truth Bin 2	tty_pt Unfolded Truth Bin 3	tty_pt Unfolded Truth Bin 4	tty_pt Unfolded Truth Bin 5	tty_pt Unfolded Truth Bin 6	