

ATLAS Internal

BTag_B_0	100.0	0.1	-0.0	0.0	-0.1	-0.0	0.2	-0.1	0.0	0.1	0.0	0.1	-0.0	-0.0	0.2	0.5	-2.5	0.1	-0.1	-0.1	-0.1	-0.2	9.1	8.6	9.8	9.1	10.8	11.2	10.3	10.8
BTag_Light_0	0.1	100.0	0.0	-0.0	-0.0	-0.0	-0.0	0.0	0.1	-0.0	0.0	-0.2	0.2	0.1	0.0	-0.4	3.2	0.6	-0.9	-0.0	-0.1	0.5	11.2	11.6	12.5	11.3	10.8	8.9	7.0	7.8
Electron_Iso_SF_0	-0.0	0.0	100.0	0.0	0.0	0.0	-0.1	0.0	-0.0	-0.0	-0.0	0.0	-0.1	-0.1	0.0	0.1	-1.3	-0.3	0.2	0.1	-0.0	-0.2	-10.3	-9.9	-10.7	-11.2	-11.0	-12.0	-11.3	-11.2
JET_BJES_Response	0.0	-0.0	0.0	100.0	-0.1	-0.0	-0.1	0.1	-0.1	-0.3	0.0	-0.3	0.2	0.1	0.2	0.1	4.3	-0.0	-0.8	0.1	0.4	0.5	-8.4	-8.7	-9.8	-9.7	-10.9	-11.6	-12.2	-11.8
JET_EffectiveNP_Modelling1	-0.1	-0.0	0.0	-0.1	100.0	-0.0	0.3	0.0	-0.1	0.0	0.0	-0.2	0.2	0.1	0.1	0.1	7.3	-0.8	0.0	0.0	0.5	0.3	-12.5	-13.1	-13.5	-13.4	-14.1	-14.9	-14.2	-14.1
EtaIntercalibration_Modelling	-0.0	-0.0	0.0	-0.0	-0.0	100.0	0.3	-0.1	-0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.0	3.2	-0.7	0.4	0.0	0.4	0.2	-10.7	-11.7	-11.4	-10.6	-10.8	-12.0	-11.2	-11.8
JET_Flavor_Composition	0.2	-0.0	-0.1	-0.1	0.3	0.3	100.0	0.6	-0.1	-1.2	-0.1	-0.8	-0.4	-0.3	0.3	0.6	-13.2	0.8	-0.9	1.0	-2.0	-0.3	-7.4	-10.4	-12.1	-13.3	-12.8	-13.8	-10.6	-13.3
JET_Flavor_Response	-0.1	0.0	0.0	0.1	0.0	-0.1	0.6	100.0	0.1	0.6	0.0	0.7	-0.0	-0.0	-0.1	0.4	-1.8	0.2	0.1	-0.4	0.0	-0.4	9.4	9.8	10.4	10.7	11.9	12.7	11.0	11.9
JET_Pileup_OffsetNPV	0.0	0.1	-0.0	-0.1	-0.1	-0.0	-0.1	0.1	100.0	-0.2	-0.0	-0.2	0.0	0.0	-0.1	0.0	3.3	-0.4	0.3	0.1	0.2	-0.0	-8.5	-9.5	-10.3	-9.8	-10.2	-10.7	-10.2	-10.4
JET_Pileup_RhoTopology	0.1	-0.0	-0.0	-0.3	0.0	0.1	-1.2	0.6	-0.2	100.0	-0.0	-1.3	0.1	0.1	0.3	-0.7	0.7	1.0	-0.6	0.7	-0.5	0.7	-20.5	-21.5	-23.2	-24.8	-26.6	-28.8	-27.4	-28.3
Luminosity	0.0	0.0	-0.0	0.0	0.0	0.0	-0.1	0.0	-0.0	-0.0	100.0	0.0	-0.1	-0.1	0.1	0.1	-1.1	-0.1	0.3	0.0	-0.1	-0.2	-11.1	-11.2	-11.4	-12.1	-12.1	-12.5	-12.0	-12.2
PileupRW	0.1	-0.2	0.0	-0.3	-0.2	-0.1	-0.8	0.7	-0.2	-1.3	0.0	100.0	0.5	0.3	0.3	-1.3	12.8	2.7	-1.6	0.4	-1.0	1.1	8.8	8.0	0.7	0.2	5.7	6.5	8.1	1.2
Photon_ID	-0.0	0.2	-0.1	0.2	0.2	0.0	-0.4	-0.0	0.0	0.1	-0.1	0.5	100.0	-0.3	0.2	0.4	-15.2	0.3	0.9	-0.0	-0.7	-1.3	-9.5	-9.5	-9.7	-10.0	-9.8	-10.4	-9.6	-9.7
Photon_effIso	-0.0	0.1	-0.1	0.1	0.1	0.0	-0.3	-0.0	0.0	0.1	-0.1	0.3	-0.3	100.0	0.1	0.3	-9.3	0.1	0.8	-0.0	-0.4	-0.9	-14.9	-14.8	-15.0	-16.0	-15.7	-16.4	-15.7	-16.1
hfakeSF_	0.2	0.0	0.0	0.2	0.1	0.0	0.3	-0.1	-0.1	0.3	0.1	0.3	0.2	0.1	100.0	-0.4	13.2	-1.4	0.8	-0.2	0.2	0.1	-21.1	-22.3	-25.1	-24.9	-23.6	-23.7	-21.6	-22.8
tty_dec_Herwig7	0.5	-0.4	0.1	0.1	0.1	-0.0	0.6	0.4	0.0	-0.7	0.1	-1.3	0.4	0.3	-0.4	100.0	13.5	1.7	3.1	0.2	0.4	1.7	-12.8	-10.5	-9.4	-17.1	-11.8	-7.4	0.2	4.0
tty(dec) Norm	-2.5	3.2	-1.3	4.3	7.3	3.2	-13.2	-1.8	3.3	0.7	-1.1	12.8	-15.2	-9.3	13.2	13.5	100.0	54.1	11.6	-0.2	-9.6	-25.1	-32.4	-36.9	-37.7	-38.6	-44.8	-42.9	-49.3	-47.6
tty_prod_Herwig7	0.1	0.6	-0.3	-0.0	-0.8	-0.7	0.8	0.2	-0.4	1.0	-0.1	2.7	0.3	0.1	-1.4	1.7	54.1	100.0	-0.1	-1.1	2.2	-2.9	-26.5	-36.4	-29.9	-23.7	-30.5	-31.1	-41.5	-40.0
tty_prod_var3c	-0.1	-0.9	0.2	-0.8	0.0	0.4	-0.9	0.1	0.3	-0.6	0.3	-1.6	0.9	0.8	0.8	3.1	11.6	-0.1	100.0	1.1	1.9	4.7	-10.3	-4.0	-6.4	-12.0	-8.8	-8.9	-7.7	-7.4
uncalib_ljet	-0.1	-0.0	0.1	0.1	0.0	0.0	1.0	-0.4	0.1	0.7	0.0	0.4	-0.0	-0.0	-0.2	0.2	-0.2	-1.1	1.1	100.0	0.4	0.2	-26.7	-20.9	-18.2	-14.3	-13.9	-12.0	-7.0	-5.7
Wty Norm	-0.1	-0.1	-0.0	0.4	0.5	0.4	-2.0	0.0	0.2	-0.5	-0.1	-1.0	-0.7	-0.4	0.2	0.4	-9.6	-2.2	1.9	0.4	100.0	-1.0	-15.3	-16.7	-19.1	-21.1	-22.9	-26.8	-28.9	-29.5
Zty Norm	-0.2	0.5	-0.2	0.5	0.3	0.2	-0.3	-0.4	-0.0	0.7	-0.2	1.1	-1.3	-0.9	0.1	1.7	-25.1	-2.9	4.7	0.2	-1.0	100.0	-17.2	-18.7	-17.0	-12.3	-8.2	-6.8	-3.1	-3.7
all_syst Unfolded Truth Bin 1	9.1	11.2	-10.3	-8.4	-12.5	-10.7	-7.4	9.4	-8.5	-20.5	-11.1	8.8	-9.5	-14.9	-21.1	-12.8	-32.4	-26.5	-10.3	-26.7	-15.3	-17.2	100.0	59.9	59.4	57.7	59.5	59.2	58.0	57.0
all_syst Unfolded Truth Bin 2	8.6	11.6	-9.9	-8.7	-13.1	-11.7	-10.4	9.8	-9.5	-21.5	-11.2	8.0	-9.5	-14.8	-22.3	-10.5	-36.9	-36.4	-4.0	-20.9	-16.7	-18.7	59.9	100.0	63.2	60.7	63.5	63.5	63.7	62.9
all_syst Unfolded Truth Bin 3	9.8	12.5	-10.7	-9.8	-13.5	-11.4	-12.1	10.4	-10.3	-23.2	-11.4	0.7	-9.7	-15.0	-25.1	-9.4	-37.7	-29.9	-6.4	-18.2	-19.1	-17.0	59.4	63.2	100.0	62.4	64.8	64.9	64.4	64.4
all_syst Unfolded Truth Bin 4	9.1	11.3	-11.2	-9.7	-13.4	-10.6	-13.3	10.7	-9.8	-24.8	-12.1	0.2	-10.0	-16.0	-24.9	-17.1	-38.6	-23.7	-12.0	-14.3	-21.1	-12.3	57.7	60.7	62.4	100.0	65.5	65.8	64.3	64.3
all_syst Unfolded Truth Bin 5	10.8	10.8	-11.0	-10.9	-14.1	-10.8	-12.8	11.9	-10.2	-26.6	-12.1	5.7	-9.8	-15.7	-23.6	-11.8	-44.8	-30.5	-8.8	-13.9	-22.9	-8.2	59.5	63.5	64.8	65.5	100.0	70.6	70.7	70.4
all_syst Unfolded Truth Bin 6	11.2	8.9	-12.0	-11.6	-14.9	-12.0	-13.8	12.7	-10.7	-28.8	-12.5	6.5	-10.4	-16.4	-23.7	-7.4	-42.9	-31.1	-8.9	-12.0	-26.8	-6.8	59.2	63.5	64.9	65.8	70.6	100.0	72.8	72.7
all_syst Unfolded Truth Bin 7	10.3	7.0	-11.3	-12.2	-14.2	-11.2	-10.6	11.0	-10.2	-27.4	-12.0	8.1	-9.6	-15.7	-21.6	0.2	-49.3	-41.5	-7.7	-7.0	-28.9	-3.1	58.0	63.7	64.4	64.3	70.7	72.8	100.0	75.7
all_syst Unfolded Truth Bin 8	10.8	7.8	-11.2	-11.8	-14.1	-11.8	-13.3	11.9	-10.4	-28.3	-12.2	1.2	-9.7	-16.1	-22.8	4.0	-47.6	-40.0	-7.4	-5.7	-29.5	-3.7	57.0	62.9	64.4	64.3	70.4	72.7	75.7	100.0