	Electron_Iso_SF_0	JET_BJES_Response	JET_EffectiveNP_Modelling1	ET_EtaIntercalibration_Modelling	JET_Flavor_Composition	JET_Flavor_Response	JET_Pileup_RhoTopology	Luminosity	PileupRW	Photon_ID	Photon_effIso	hfakeSF	tty_dec_Herwig7	tty_prod_Herwig7	uncalib_ljet	Wtγ Norm	Zγ Norm	Norm factor for tty dec	..y_min_drphl Unfolded Truth Bin 1	..y_min_drphl Unfolded Truth Bin 2	..y_min_drphl Unfolded Truth Bin 3	..y_min_drphl Unfolded Truth Bin 4	..y_min_drphl Unfolded Truth Bin 5	..y_min_drphl Unfolded Truth Bin 6	..y_min_drphl Unfolded Truth Bin 7
Electron_Iso_SF_0	100.0	0.1	0.1	0.0	-0.4	0.1	-0.2	-0.1	0.2	-0.3	-0.2	-0.9	-0.9	-0.3	-0.2	0.1	-1.0	-12.1	-4.2	-8.0	-9.8	-11.3	-10.4	-8.2	-7.4
JET_BJES_Response	0.1	100.0	-0.1	-0.0	0.4	-0.1	0.2	0.1	0.2	0.3	0.2	1.1	1.4	-0.7	0.0	-0.0	1.1	-6.5	-5.6	-7.4	-9.9	-10.9	-8.9	-8.0	-6.4
JET_EffectiveNP_Modelling1	0.1	-0.1	100.0	-0.1	0.2	0.1	-0.0	0.1	-0.1	0.4	0.2	0.8	2.4	-2.0	-0.1	-0.2	0.9	-5.8	-6.4	-10.6	-11.3	-12.6	-12.1	-10.1	-7.3
ET_EtaIntercalibration_Modelling	0.0	-0.0	-0.1	100.0	0.1	0.0	-0.0	0.0	0.2	0.2	0.1	0.4	0.9	-1.2	-0.1	-0.1	0.5	-8.3	-3.0	-7.6	-10.5	-10.8	-9.6	-9.0	-7.2
JET_Flavor_Composition	-0.4	0.4	0.2	0.1	100.0	0.6	-1.3	-0.6	1.2	-1.4	-0.9	-4.8	-4.4	-1.3	-0.7	-0.3	-5.6	-23.6	-1.8	-7.1	-10.4	-8.9	-9.8	-9.2	-7.9
JET_Flavor_Response	0.1	-0.1	0.1	0.0	0.6	100.0	0.5	0.1	-0.2	0.2	0.1	1.4	-0.0	1.4	0.3	0.2	1.1	8.5	3.3	7.8	10.2	8.3	9.4	8.8	6.2
JET_Pileup_RhoTopology	-0.2	0.2	-0.0	-0.0	-1.3	0.5	100.0	-0.3	0.8	-0.5	-0.4	-2.3	-1.2	-1.9	-0.6	-0.2	-2.7	-23.2	-10.4	-18.3	-22.3	-23.1	-21.4	-18.7	-14.7
Luminosity	-0.1	0.1	0.1	0.0	-0.6	0.1	-0.3	100.0	0.1	-0.3	-0.2	-0.8	-1.2	-0.1	-0.2	0.0	-1.3	-12.7	-4.4	-8.5	-10.4	-12.1	-11.4	-9.5	-8.5
PileupRW	0.2	0.2	-0.1	0.2	1.2	-0.2	0.8	0.1	100.0	0.2	0.4	-2.4	-0.1	0.4	0.4	4.0	3.1	15.5	-4.5	1.4	-1.0	5.8	8.6	-3.7	5.7
Photon_ID	-0.3	0.3	0.4	0.2	-1.4	0.2	-0.5	-0.3	0.2	100.0	-0.6	-3.1	-4.7	1.7	-0.2	0.3	-3.4	-26.1	0.8	-5.6	-9.6	-11.4	-10.6	-8.0	-6.9
Photon_effIso	-0.2	0.2	0.2	0.1	-0.9	0.1	-0.4	-0.2	0.4	-0.6	100.0	-1.9	-2.5	0.4	-0.2	0.1	-2.2	-25.8	-3.1	-10.0	-14.1	-16.4	-15.1	-12.5	-10.6
hfakeSF	-0.9	1.1	0.8	0.4	-4.8	1.4	-2.3	-0.8	-2.4	-3.1	-1.9	100.0	-9.9	1.2	-2.5	0.5	-10.9	-4.8	0.6	-7.5	-11.9	-19.7	-22.0	-28.9	-38.3
tty_dec_Herwig7	-0.9	1.4	2.4	0.9	-4.4	-0.0	-1.2	-1.2	-0.1	-4.7	-2.5	-9.9	100.0	16.3	0.4	1.6	-11.6	45.3	29.6	18.7	16.8	9.4	9.7	8.3	5.7
tty_prod_Herwig7	-0.3	-0.7	-2.0	-1.2	-1.3	1.4	-1.9	-0.1	0.4	1.7	0.4	1.2	16.3	100.0	-3.6	-0.8	-1.6	11.5	20.4	-10.3	-13.8	-24.3	-14.0	-3.4	-9.1
uncalib_ljet	-0.2	0.0	-0.1	-0.1	-0.7	0.3	-0.6	-0.2	0.2	-0.2	-0.2	-2.5	0.4	-3.6	100.0	1.1	-1.5	-10.4	-7.4	-10.1	-10.4	-8.4	-8.3	-10.5	-12.0
Wtγ Norm	0.1	-0.0	-0.2	-0.1	-0.3	0.2	-0.2	0.0	4.0	0.3	0.1	0.5	1.6	-0.8	1.1	100.0	0.3	-32.8	-24.4	-31.4	-28.3	-21.7	-17.0	-10.7	-4.3
Zγ Norm	-1.0	1.1	0.9	0.5	-5.6	1.1	-2.7	-1.3	3.1	-3.4	-2.2	-10.9	-11.6	-1.6	-1.5	0.3	100.0	-30.8	-2.1	-5.1	-11.1	-4.6	-9.9	-8.2	-10.2
Norm factor for tty dec	-12.1	-6.5	-5.8	-8.3	-23.6	8.5	-23.2	-12.7	15.5	-26.1	-25.8	-4.8	45.3	11.5	-10.4	-32.8	-30.8	100.0	4.1	23.5	35.6	33.4	36.1	30.0	28.8
..y_min_drphl Unfolded Truth Bin 1	-4.2	-5.6	-6.4	-3.0	-1.8	3.3	-10.4	-4.4	-4.5	0.8	-3.1	0.6	29.6	20.4	-7.4	-24.4	-2.1	4.1	100.0	36.3	30.2	20.2	16.4	13.9	6.9
..y_min_drphl Unfolded Truth Bin 2	-8.0	-7.4	-10.6	-7.6	-7.1	7.8	-18.3	-8.5	1.4	-5.6	-10.0	-7.5	18.7	-10.3	-10.1	-31.4	-5.1	23.5	36.3	100.0	40.4	37.8	32.2	25.0	21.1
..y_min_drphl Unfolded Truth Bin 3	-9.8	-9.9	-11.3	-10.5	-10.4	10.2	-22.3	-10.4	-1.0	-9.6	-14.1	-11.9	16.8	-13.8	-10.4	-28.3	-11.1	35.6	30.2	40.4	100.0	41.0	37.2	30.6	27.6
..y_min_drphl Unfolded Truth Bin 4	-11.3	-10.9	-12.6	-10.8	-8.9	8.3	-23.1	-12.1	5.8	-11.4	-16.4	-19.7	9.4	-24.3	-8.4	-21.7	-4.6	33.4	20.2	37.8	41.0	100.0	37.6	31.3	30.3
..y_min_drphl Unfolded Truth Bin 5	-10.4	-8.9	-12.1	-9.6	-9.8	9.4	-21.4	-11.4	8.6	-10.6	-15.1	-22.0	9.7	-14.0	-8.3	-17.0	-9.9	36.1	16.4	32.2	37.2	37.6	100.0	29.0	30.2
..y_min_drphl Unfolded Truth Bin 6	-8.2	-8.0	-10.1	-9.0	-9.2	8.8	-18.7	-9.5	-3.7	-8.0	-12.5	-28.9	8.3	-3.4	-10.5	-10.7	-8.2	30.0	13.9	25.0	30.6	31.3	29.0	100.0	27.7
..y_min_drphl Unfolded Truth Bin 7	-7.4	-6.4	-7.3	-7.2	-7.9	6.2	-14.7	-8.5	5.7	-6.9	-10.6	-38.3	5.7	-9.1	-12.0	-4.3	-10.2	28.8	6.9	21.1	27.6	30.3	30.2	27.7	100.0