	JET_Flavor_Composition	JET_Pileup_RhoTopology	Photon_ID	Photon_effIso	hfakeSF_	tty_dec_Herwig7	tty(dec) Norm	tty_prod_Herwig7	tty_prod_var3c	uncalib_ljet	Wtγ Norm	Zγ Norm	dr2_all_syst Unfolded Truth Bin 1	dr2_all_syst Unfolded Truth Bin 2	dr2_all_syst Unfolded Truth Bin 3	dr2_all_syst Unfolded Truth Bin 4	dr2_all_syst Unfolded Truth Bin 5	dr2_all_syst Unfolded Truth Bin 6	dr2_all_syst Unfolded Truth Bin 7
JET_Flavor_Composition	100.0	-0.8	-0.5	-0.6	1.0	1.9	-24.2	4.0	-0.4	0.8	-0.8	-2.5	4.3	3.1	-3.4	-1.6	-2.2	-3.4	-5.8
JET_Pileup_RhoTopology	-0.8	100.0	-0.1	-0.0	0.4	1.1	-0.9	0.3	0.9	-0.1	-0.3	-0.8	-13.7	-19.2	-22.3	-22.9	-23.6	-25.5	-27.1
Photon_ID	-0.5	-0.1	100.0	-0.2	0.1	0.1	-5.2	0.9	0.2	0.2	-0.1	-0.8	-9.3	-13.8	-16.7	-17.7	-18.1	-18.5	-18.0
Photon_effIso	-0.6	-0.0	-0.2	100.0	0.1	-0.2	-8.9	0.9	0.1	0.5	-0.1	-0.9	-8.2	-12.2	-14.5	-15.1	-15.7	-15.7	-15.9
hfakeSF_	1.0	0.4	0.1	0.1	100.0	-1.6	6.8	-1.4	0.4	-0.1	0.5	0.2	-6.5	-12.4	-13.2	-18.7	-22.4	-26.8	-39.9
tty_dec_Herwig7	1.9	1.1	0.1	-0.2	-1.6	100.0	2.2	-7.4	10.3	1.2	1.6	-0.9	16.7	-3.0	6.1	0.7	-0.0	2.3	6.2
tty(dec) Norm	-24.2	-0.9	-5.2	-8.9	6.8	2.2	100.0	43.3	-0.6	15.5	-5.1	-23.4	-55.9	-52.4	-41.3	-40.3	-38.8	-39.2	-36.5
tty_prod_Herwig7	4.0	0.3	0.9	0.9	-1.4	-7.4	43.3	100.0	7.4	0.6	1.6	3.4	-27.0	-28.9	-37.0	-34.6	-28.7	-28.4	-22.6
tty_prod_var3c	-0.4	0.9	0.2	0.1	0.4	10.3	-0.6	7.4	100.0	-1.8	-3.5	2.8	61.3	-33.9	-6.6	-13.6	5.1	-1.3	-8.6
uncalib_ljet	0.8	-0.1	0.2	0.5	-0.1	1.2	15.5	0.6	-1.8	100.0	-0.1	1.4	-20.5	-23.9	-23.9	-21.5	-23.0	-24.3	-23.1
Wtγ Norm	-0.8	-0.3	-0.1	-0.1	0.5	1.6	-5.1	1.6	-3.5	-0.1	100.0	-0.3	-21.1	-24.9	-26.1	-26.6	-28.2	-27.0	-25.7
Zγ Norm	-2.5	-0.8	-0.8	-0.9	0.2	-0.9	-23.4	3.4	2.8	1.4	-0.3	100.0	0.8	-2.5	-19.1	-11.2	-11.8	-10.2	-15.2
dr2_all_syst Unfolded Truth Bin 1	4.3	-13.7	-9.3	-8.2	-6.5	16.7	-55.9	-27.0	61.3	-20.5	-21.1	0.8	100.0	34.7	51.1	43.8	55.5	51.7	47.0
dr2_all_syst Unfolded Truth Bin 2	3.1	-19.2	-13.8	-12.2	-12.4	-3.0	-52.4	-28.9	-33.9	-23.9	-24.9	-2.5	34.7	100.0	62.5	63.3	58.5	60.9	63.8
dr2_all_syst Unfolded Truth Bin 3	-3.4	-22.3	-16.7	-14.5	-13.2	6.1	-41.3	-37.0	-6.6	-23.9	-26.1	-19.1	51.1	62.5	100.0	63.1	63.7	64.6	66.1
dr2_all_syst Unfolded Truth Bin 4	-1.6	-22.9	-17.7	-15.1	-18.7	0.7	-40.3	-34.6	-13.6	-21.5	-26.6	-11.2	43.8	63.3	63.1	100.0	60.9	63.0	65.6
dr2_all_syst Unfolded Truth Bin 5	-2.2	-23.6	-18.1	-15.7	-22.4	-0.0	-38.8	-28.7	5.1	-23.0	-28.2	-11.8	55.5	58.5	63.7	60.9	100.0	64.9	67.6
dr2_all_syst Unfolded Truth Bin 6	-3.4	-25.5	-18.5	-15.7	-26.8	2.3	-39.2	-28.4	-1.3	-24.3	-27.0	-10.2	51.7	60.9	64.6	63.0	64.9	100.0	70.3
dr2_all_syst Unfolded Truth Bin 7	-5.8	-27.1	-18.0	-15.9	-39.9	6.2	-36.5	-22.6	-8.6	-23.1	-25.7	-15.2	47.0	63.8	66.1	65.6	67.6	70.3	100.0