	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	_dr1_all_syst Unfolded Truth Bin 1	_dr1_all_syst Unfolded Truth Bin 2	_dr1_all_syst Unfolded Truth Bin 3	_dr1_all_syst Unfolded Truth Bin 4	_dr1_all_syst Unfolded Truth Bin 5	_dr1_all_syst Unfolded Truth Bin 6	_dr1_all_syst Unfolded Truth Bin 7
JET_Flavor_Composition	100.0	-0.8	-0.1	-0.4	-1.3	0.6	-22.9	6.7	1.4	0.2	-0.2	-0.9	6.2	-2.6	-7.2	-8.4	-7.3	-3.6	-0.1
JET_Pileup_RhoTopology	-0.8	100.0	0.1	0.0	-1.0	0.6	0.9	2.4	0.1	-0.4	-0.0	-0.1	-18.0	-20.9	-24.8	-25.8	-25.8	-25.8	-24.8
Photon_ID	-0.1	0.1	100.0	-0.1	0.6	-0.4	-5.0	-0.1	-0.1	-0.2	-0.3	-0.1	-13.7	-15.9	-18.0	-18.8	-17.6	-17.3	-16.9
Photon_effIso	-0.4	0.0	-0.1	100.0	0.2	0.1	-8.1	1.3	0.1	0.6	0.0	-0.5	-12.5	-13.5	-15.1	-15.8	-15.8	-16.0	-16.2
hfakeSF_	-1.3	-1.0	0.6	0.2	100.0	2.6	16.0	2.5	2.1	0.4	1.4	0.1	-13.6	-15.6	-19.2	-23.7	-23.8	-28.1	-38.0
tty_dec_Herwig7	0.6	0.6	-0.4	0.1	2.6	100.0	-2.2	-2.8	-4.5	-1.9	-1.4	1.2	13.0	17.1	9.7	3.0	-0.1	3.2	4.1
tty(dec) Norm	-22.9	0.9	-5.0	-8.1	16.0	-2.2	100.0	47.3	8.5	16.4	-4.9	-18.7	-58.0	-48.0	-33.8	-41.1	-43.8	-46.3	-54.6
tty_prod_Herwig7	6.7	2.4	-0.1	1.3	2.5	-2.8	47.3	100.0	7.7	-1.8	-0.6	5.1	-30.1	-32.3	-19.4	-31.0	-38.0	-30.8	-37.3
tty_prod_var3c	1.4	0.1	-0.1	0.1	2.1	-4.5	8.5	7.7	100.0	-2.0	-0.8	0.4	12.6	-17.9	-5.8	0.4	-9.8	2.0	-10.7
uncalib_ljet	0.2	-0.4	-0.2	0.6	0.4	-1.9	16.4	-1.8	-2.0	100.0	-1.6	1.9	-27.7	-26.9	-27.1	-24.4	-20.2	-21.3	-21.0
Wtγ Norm	-0.2	-0.0	-0.3	0.0	1.4	-1.4	-4.9	-0.6	-0.8	-1.6	100.0	0.5	-30.9	-32.3	-29.2	-27.5	-25.2	-25.2	-22.6
Zγ Norm	-0.9	-0.1	-0.1	-0.5	0.1	1.2	-18.7	5.1	0.4	1.9	0.5	100.0	-13.8	-13.4	-21.0	-10.4	-16.2	-11.8	-16.1
_dr1_all_syst Unfolded Truth Bin 1	6.2	-18.0	-13.7	-12.5	-13.6	13.0	-58.0	-30.1	12.6	-27.7	-30.9	-13.8	100.0	68.1	64.1	65.1	65.0	67.7	71.5
_dr1_all_syst Unfolded Truth Bin 2	-2.6	-20.9	-15.9	-13.5	-15.6	17.1	-48.0	-32.3	-17.9	-26.9	-32.3	-13.4	68.1	100.0	64.5	64.5	66.7	65.3	71.7
_dr1_all_syst Unfolded Truth Bin 3	-7.2	-24.8	-18.0	-15.1	-19.2	9.7	-33.8	-19.4	-5.8	-27.1	-29.2	-21.0	64.1	64.5	100.0	62.3	63.5	63.1	67.5
_dr1_all_syst Unfolded Truth Bin 4	-8.4	-25.8	-18.8	-15.8	-23.7	3.0	-41.1	-31.0	0.4	-24.4	-27.5	-10.4	65.1	64.5	62.3	100.0	65.2	66.3	70.1
_dr1_all_syst Unfolded Truth Bin 5	-7.3	-25.8	-17.6	-15.8	-23.8	-0.1	-43.8	-38.0	-9.8	-20.2	-25.2	-16.2	65.0	66.7	63.5	65.2	100.0	66.5	73.6
_dr1_all_syst Unfolded Truth Bin 6	-3.6	-25.8	-17.3	-16.0	-28.1	3.2	-46.3	-30.8	2.0	-21.3	-25.2	-11.8	67.7	65.3	63.1	66.3	66.5	100.0	73.5
_dr1_all_syst Unfolded Truth Bin 7	-0.1	-24.8	-16.9	-16.2	-38.0	4.1	-54.6	-37.3	-10.7	-21.0	-22.6	-16.1	71.5	71.7	67.5	70.1	73.6	73.5	100.0