	2L1TAU_SS_tHq	2L1TAU_SS_tWH	2L1TAU_SS_tWZ	2L1TAU_SS_ttbar	2L1TAU_SS_ttW	2L1TAU_SS_ttZ	2L1TAU_SS_ttH	2L1TAU_SS_tZq	SS_singletop_tW	2L1TAU_SS_Zjets	TAU_SS_Diboson	U_SS_minor_bkgs	minor_bkgs_AFII	2L1TAU_SS_tHq	2L1TAU_SS_tWH	2L1TAU_SS_tWZ	2L1TAU_SS_ttbar	2L1TAU_SS_ttW	2L1TAU_SS_ttZ	2L1TAU_SS_ttH	g_2L1TAU_SS_tZq	2L1TAU_SS_singletop_tW	2L1TAU_SS_Zjets	TAU_SS_Diboson	U_SS_minor_bkgs	minor_bkgs_AFII
ttbar_PS_Dn				-1.1													2.6									
ttbar_PS_Up				1.1													-2.6									
AS_JES0_Flavor_Composition_Dn	-0.4	1.7	0.1	0.3	0.2	0.6	1.4	-0.5	-4.5	0.9	-0.5	2.5	1.2	3.6	-0.4	0.9	-3.0	0.5	1.6	2.5	4.7	14.3	-1.9	-2.2	2.8	6.9
AS_JES0_Flavor_Composition_Up	0.4	-1.7	-0.1	-0.3	-0.2	-0.6	-1.4	0.5	4.5	-0.9	0.5	-2.5	-1.2	-3.6	0.4	-0.9	3.0	-0.5	-1.6	-2.5	-4.7	-14.3	1.9	2.2	-2.8	-6.9
TLAS_JES0_Flavor_Response_Dn	0.1	-0.9	-0.3	-1.5	-0.1	-0.5	-0.6	0.5	0.0	-0.8	0.5	3.0	-0.3	-1.8	1.0	-0.2	3.6	0.0	-0.5	-0.8	-0.6	0.0	0.6	2.3	-0.1	-3.8
TLAS_JES0_Flavor_Response_Up	-0.1	0.9	0.3	1.5	0.1	0.5	0.6	-0.5	-0.0	0.8	-0.5	-3.0	0.3	1.8	-1.0	0.2	-3.6	-0.0	0.5	0.8	0.6	0.0	-0.6	-2.3	0.1	3.8
ATLAS_JER_EffectiveNP_5_Dn	-0.2	2.0	1.4	-1.9	6.9	-0.4	0.3	-0.4	0.6	6.3	0.4	-0.6	2.6	1.4	-3.8	0.8	5.0	6.1	-0.3	-0.6	1.0	0.0	4.3	-0.2	0.3	0.5
ATLAS_JER_EffectiveNP_5_Up	0.2	-2.0	-1.4	1.9	-6.9	0.4	-0.3	0.4	-0.6	-6.3	-0.4	0.6	-2.6	-1.4	3.8	-0.8	-5.0	-6.1	0.3	0.6	-1.0	-0.0	-4.3	0.2	-0.3	-0.5
ATLAS_JER_EffectiveNP_4_Dn	0.1	-2.2	-0.9	2.0	6.0	0.2	-0.6	-0.3	-8.2	-3.5	-0.9	-3.9	-2.5	-0.4	3.7	-0.1	2.7	6.2	0.3	0.1	1.9	0.0	-0.5	5.1	-10.6	-0.4
ATLAS_JER_EffectiveNP_4_Up	-0.1	2.2	0.9	-2.0	-6.0	-0.2	0.6	0.3	8.2	3.5	0.9	3.9	2.5	0.4	-3.7	0.1	-2.7	-6.2	-0.3	-0.1	-1.9	0.0	0.5	-5.1	-10.6	0.4
ATLAS_JER_EffectiveNP_1_Dn	0.0	1.8	-0.6	-1.6	4.5	-0.3	-0.4	-0.8	-16.5	-11.2	2.1	5.6	-2.3	2.9	1.3	2.4	1.7	7.2	1.8	3.2	3.4	-15.2	4.7	3.5	3.9	1.1
ATLAS_JER_EffectiveNP_1_Up	-0.0	-1.8	0.6	1.6	-4.5	0.3	0.4	0.8	13.3	11.2	-2.1	-5.6	2.3	-2.9	-1.3	-2.4	-1.7	-7.2	-1.8	-3.2	-3.4	15.2	-4.7	3.5	-3.9	-1.1