

ATLAS Internal

$\mu_{\text{signal strength}}$	100.0	-22.2	-92.5	-0.2	-0.4	-0.3	0.1	-0.1	0.6	-11.2	-0.4	-0.6	-20.4	-0.3	-3.4	-0.2	-1.7	-0.1	0.9	-2.7	1.8	2.8	17.0	12.1	
EL_EFF_ID_TOTAL	-22.2	100.0	0.0	-0.0	-0.2	-0.1	0.1	-0.0	-0.3	-0.1	-0.0	-0.0	0.0	-0.1	-0.7	0.3	-0.3	0.2	0.4	1.1	0.7	1.2	-14.7	-9.2	
EL_EFF_Iso_TOTAL	-92.5	0.0	100.0	0.1	-0.0	0.2	-0.3	0.4	-0.4	-0.1	0.2	0.4	-0.3	0.3	3.5	0.2	1.8	0.0	-0.9	1.0	-2.0	-3.2	-10.2	-9.0	
JET_EffectiveNP_Modelling2	-0.2	-0.0	0.1	100.0	-10.5	-0.8	-4.4	0.6	-0.7	-0.1	-1.0	-2.3	0.1	0.4	2.7	0.1	1.5	0.1	-0.0	-0.8	1.2	1.8	3.9	0.4	
fraction_NonClosure_0p2_PreRec	-0.4	-0.2	-0.0	-10.5	100.0	-3.8	-13.6	7.0	1.1	-0.6	-2.9	-7.4	0.5	2.4	11.4	0.2	5.9	0.4	-0.3	1.9	6.2	9.8	-16.7	-5.3	
JET_Flavor_Composition	-0.3	-0.1	0.2	-0.8	-3.8	100.0	-0.7	-0.4	0.8	-0.0	-0.5	-1.1	0.1	-0.4	-3.8	-0.0	-2.0	0.1	0.5	0.3	0.9	1.4	-13.9	-1.5	
JET_Flavor_Response	0.1	0.1	-0.3	-4.4	-13.6	-0.7	100.0	2.5	-1.3	-0.1	-0.8	-2.2	0.1	1.6	11.1	0.1	5.9	-0.1	-1.2	-1.4	0.0	0.0	31.1	3.5	
JET_InSitu_NonClosure_PreRec	-0.1	-0.0	0.4	0.6	7.0	-0.4	2.5	100.0	1.1	0.5	-0.9	-1.6	-0.6	-3.7	-20.5	-0.3	-10.8	-0.5	0.5	-2.5	-5.1	-8.1	19.1	5.9	
JET_JERUnc_Noise_PreRec	0.6	-0.3	-0.4	-0.7	1.1	0.8	-1.3	1.1	100.0	-0.5	0.2	0.7	-0.2	0.9	7.8	0.6	4.5	0.3	0.2	1.6	0.9	1.5	13.3	0.8	
JET_NNJvtEfficiency	-11.2	-0.1	-0.1	-0.6	-0.0	-0.1	0.5	-0.5	100.0	0.0	0.1	0.0	0.2	1.0	0.2	0.6	0.2	0.2	1.5	0.8	1.2	-11.0	-4.4		
JET_Pileup_OffsetNPV	-0.4	-0.0	0.2	-1.0	-2.9	-0.5	-0.8	-0.9	0.2	0.0	100.0	-1.1	0.1	-0.5	-3.8	0.0	-1.9	0.1	0.6	0.0	1.1	1.7	-11.8	-1.2	
JET_Pileup_PtTerm	-0.6	-0.0	0.4	-2.3	-7.4	-1.1	-2.2	-1.6	0.7	0.1	-1.1	100.0	0.2	-0.9	-6.4	-0.0	-3.3	0.0	0.8	-0.3	1.2	1.9	-16.6	-1.4	
Luminosity	-20.4	0.0	-0.3	0.1	0.5	0.1	0.1	-0.6	-0.2	0.0	0.1	0.2	100.0	-0.2	0.6	0.0	0.2	-0.1	-0.8	1.0	-2.8	-4.4	-12.6	-5.1	
MUF_Wjets	-0.3	-0.1	0.3	0.4	2.4	-0.4	1.6	-3.7	0.9	0.2	-0.5	-0.9	-0.2	100.0	-11.9	-0.1	-6.2	-0.1	0.9	-0.1	-1.0	-1.6	-7.7	-0.5	
MUR_MUF_Wjets	-3.4	-0.7	3.5	2.7	11.4	-3.8	11.1	-20.5	7.8	1.0	-3.8	-6.4	0.6	-11.9	100.0	-0.6	-41.5	0.2	9.9	-1.2	7.4	11.8	41.8	-2.2	
MUR_MUF_Zjets	-0.2	0.3	0.2	0.1	0.2	-0.0	0.1	-0.3	0.6	0.2	0.0	-0.0	0.0	-0.1	-0.6	100.0	-0.4	-0.7	-0.4	0.4	-1.0	-1.6	0.3	79.5	
MUR_Wjets	-1.7	-0.3	1.8	1.5	5.9	-2.0	5.9	-10.8	4.5	0.6	-1.9	-3.3	0.2	-6.2	-41.5	-0.4	100.0	-0.0	4.7	-0.9	2.7	4.2	37.9	-1.3	
MUR_Zjets	-0.1	0.2	0.0	0.1	0.4	0.1	-0.1	-0.5	0.3	0.2	0.1	0.0	-0.1	-0.1	0.2	-0.7	-0.0	100.0	-0.7	0.3	-2.0	-3.2	0.8	56.4	
PDF_Wjets	0.9	0.4	-0.9	-0.0	-0.3	0.5	-1.2	0.5	0.2	0.2	0.6	0.8	-0.8	0.9	9.9	-0.4	4.7	-0.7	100.0	-0.4	-0.4	-8.3	-13.2	13.1	-0.6
PRW	-2.7	1.1	1.0	-0.8	1.9	0.3	-1.4	-2.5	1.6	1.5	0.0	-0.3	1.0	-0.1	-1.2	0.4	-0.9	0.3	-0.4	100.0	-1.1	-1.8	-3.9	-1.2	
fakes stat.	1.8	0.7	-2.0	1.2	6.2	0.9	0.0	-5.1	0.9	0.8	1.1	1.2	-2.8	-1.0	7.4	-1.0	2.7	-2.0	-8.3	-1.1	100.0	-40.1	3.7	-2.5	
fakes syst.	2.8	1.2	-3.2	1.8	9.8	1.4	0.0	-8.1	1.5	1.2	1.7	1.9	-4.4	-1.6	11.8	-1.6	4.2	-3.2	-13.2	-1.8	-40.1	100.0	5.8	-4.0	
μ_{W+jets}	17.0	-14.7	-10.2	3.9	-16.7	-13.9	31.1	19.1	13.3	-11.0	-11.8	-16.6	-12.6	-7.7	41.8	0.3	37.9	0.8	13.1	-3.9	3.7	5.8	100.0	8.5	
μ_{Z+jets}	12.1	-9.2	-9.0	0.4	-5.3	-1.5	3.5	5.9	0.8	-4.4	-1.2	-1.4	-5.1	-0.5	-2.2	79.5	-1.3	56.4	-0.6	-1.2	-2.5	-4.0	8.5	100.0	

$\mu_{\text{signal strength}}$	EL_EFF_ID_TOTAL	EL_EFF_Iso_TOTAL	JET_EffectiveNP_Modelling2	fraction_NonClosure_0p2_PreRec	JET_Flavor_Composition	JET_JERUnc_Noise_PreRec	JET_Pileup_OffsetNPV	JET_Pileup_PtTerm	Luminosity	MUF_Wjets	MUF_Wjets	MUF_Zjets	MUR_Wjets	MUR_Wjets	MUR_Zjets	PDF_Wjets	PRW	fakes stat.	fakes syst.	μ_{W+jets}	μ_{Z+jets}				
EL_EFF_ID_TOTAL	100.0	-22.2	-92.5	-0.2	-0.4	-0.3	0.1	-0.1	0.6	-11.2	-0.4	-0.6	-20.4	-0.3	-3.4	-0.2	-1.7	-0.1	0.9	-2.7	1.8	2.8	17.0	12.1	
EL_EFF_Iso_TOTAL	-22.2	100.0	0.0	-0.0	-0.2	-0.1	0.1	-0.0	-0.3	-0.1	-0.0	-0.0	-0.1	-0.7	0.3	-0.3	0.2	0.4	1.1	0.7	1.2	-14.7	-9.2		
JET_EffectiveNP_Modelling2	-92.5	0.0	100.0	0.1	-0.0	0.2	-0.3	0.4	-0.4	-0.1	0.2	0.4	-0.3	0.3	3.5	0.2	1.8	0.0	-0.9	1.0	-2.0	-3.2	-10.2	-9.0	
fraction_NonClosure_0p2_PreRec	-0.2	-0.0	0.1	100.0	-10.5	-0.8	-4.4	0.6	-0.7	-0.1	-1.0	-2.3	0.1	0.4	2.7	0.1	1.5	0.1	-0.0	-0.8	1.2	1.8	3.9	0.4	
JET_Flavor_Composition	-0.4	-0.2	-0.0	-10.5	100.0	-3.8	-13.6	7.0	1.1	-0.6	-2.9	-7.4	0.5	2.4	11.4	0.2	5.9	0.4	-0.3	1.9	6.2	9.8	-16.7	-5.3	
JET_JERUnc_Noise_PreRec	-0.3	-0.1	0.2	-0.8	-3.8	100.0	-0.7	-0.4	0.8	-0.0	-0.5	-1.1	0.1	-0.4	-3.8	-0.0	-2.0	0.1	0.5	0.3	0.9	1.4	-13.9	-1.5	
JET_Pileup_OffsetNPV	0.1	0.1	-0.3	-4.4	-13.6	-0.7	100.0	2.5	-1.3	-0.1	-0.8	-2.2	0.1	1.6	11.1	0.1	5.9	-0.1	-1.2	-1.4	0.0	0.0	31.1	3.5	
JET_Pileup_PtTerm	-0.6	-0.0	0.4	-2.3	-7.4	-1.1	-2.2	-1.6	0.7	0.1	-1.1	100.0	0.2	-0.9	-6.4	-0.0	-3.3	0.0	0.8	-0.3	1.2	1.9	-16.6	-1.4	
Luminosity	-20.4	0.0	-0.3	0.1	0.5	0.1	0.1	-0.6	-0.2	0.0	0.1	0.2	100.0	-0.2	0.6	0.0	0.2	-0.1	-0.8	1.0	-2.8	-4.4	-12.6	-5.1	
MUF_Wjets	-0.3	-0.1	0.3	0.4	2.4	-0.4	1.6	-3.7	0.9	0.2	-0.5	-0.9	-0.2	100.0	-11.9	-0.1	-6.2	-0.1	0.9	-0.1	-1.0	-1.6	-7.7	-0.5	
MUR_MUF_Wjets	-3.4	-0.7	3.5	2.7	11.4	-3.8	11.1	-20.5	7.8	1.0	-3.8	-6.4	0.6	-11.9	100.0	-0.6	-41.5	0.2	9.9	-1.2	7.4	11.8	41.8	-2.2	
MUR_MUF_Zjets	-0.2	0.3	0.2	0.1	0.2	-0.0	0.1	-0.3	0.6	0.2	0.0	-0.0	0.0	-0.1	-0.6	100.0	-0.4	-0.7	-0.4	0.4	-1.0	-1.6	0.3	79.5	
MUR_Wjets	-1.7	-0.3	1.8	1.5	5.9	-2.0	5.9	-10.8	4.5	0.6	-1.9	-3.3	0.2	-6.2	-41.5	-0.4	100.0	-0.0	4.7	-0.9	2.7	4.2	37.9	-1.3	
MUR_Zjets	-0.1	0.2	0.0	0.1	0.4	0.1	-0.1	-0.5	0.3	0.2	0.1	0.0	-0.1	-0.1	0.2	-0.7	-0.0	100.0	-0.7	0.3	-2.0	-3.2	0.8	56.4	
PDF_Wjets	0.9	0.4	-0.9	-0.0	-0.3	0.5	-1.2	0.5	0.2	0.2	0.6	0.8	-0.8	0.9	9.9	-0.4	4.7	-0.7	100.0	-0.4	-0.4	-8.3	-13.2	13.1	-0.6
PRW	-2.7	1.1	1.0	-0.8	1.9	0.3	-1.4	-2.5	1.6	1.5	0.0	-0.3	1.0	-0.1	-1.2	0.4	-0.9	0.3	-0.4	100.0	-1.1	-1.8	-3.9	-1.2	
fakes stat.	1.8	0.7	-2.0	1.2	6.2	0.9	0.0	-5.1	0.9	0.8	1.1	1.2	-2.8	-1.0	7.4	-1.0	2.7	-2.0	-8.3	-1.1	100.0	-40.1	3.7	-2.5	
fakes syst.	2.8	1.2	-3.2	1.8	9.8	1.4	0.0	-8.1	1.5	1.2	1.7	1.9	-4.4	-1.6	11.8	-1.6	4.2	-3.2	-13.2	-1.8	-40.1	100.0	5.8	-4.0	
μ_{W+jets}	17.0	-14.7	-10.2	3.9	-16.7	-13.9	31.1	19.1	13.3	-11.0	-11.8	-16.6	-12.6	-7.7	41.8	0.3	37.9	0.8	13.1	-3.9	3.7	5.8	100.0	8.5	
μ_{Z+jets}	12.1	-9.2	-9.0	0.4	-5.3	-1.5	3.5	5.9	0.8	-4.4	-1.2	-1.4	-5.1	-0.5	-2.2	79.5	-1.3	56.4	-0.6	-1.2	-2.5	-4.0	8.5	100.0	