



EG_RESOLUTION	R(J1)
EG_SCALE_AF2	
EG_SCALE_ALL	
JET_BJES_Response	
JET_EffectiveNP_Detector1	
JET_EffectiveNP_Detector2	
JET_EffectiveNP_Mixed1	
JET_EffectiveNP_Mixed2	
JET_EffectiveNP_Mixed3	
JET_EffectiveNP_Modelling1	
JET_EffectiveNP_Modelling2	
JET_EffectiveNP_Modelling3	
JET_EffectiveNP_Modelling4	
JET_EffectiveNP_Statistical1	
JET_EffectiveNP_Statistical2	
JET_EffectiveNP_Statistical3	
JET_EffectiveNP_Statistical4	
JET_EffectiveNP_Statistical5	
JET_EffectiveNP_Statistical6	
JET_EtaIntercalibration_Modelling	
JET_EtaIntercalibration_NonClosure_2018data	
JET_EtaIntercalibration_NonClosure_highE	
JET_EtaIntercalibration_NonClosure_negEta	
JET_EtaIntercalibration_NonClosure_posEta	
JET_EtaIntercalibration_TotalStat	
JET_Flavor_Composition	
JET_Flavor_Response	
JET_JER_DataVsMC_MC16	
JET_JER_EffectiveNP_10	
JET_JER_EffectiveNP_11	
JET_JER_EffectiveNP_12nearTerm	
JET_JER_EffectiveNP_1	
JET_JER_EffectiveNP_2	
JET_JER_EffectiveNP_3	
JET_JER_EffectiveNP_4	
JET_JER_EffectiveNP_5	
JET_JER_EffectiveNP_6	
JET_JER_EffectiveNP_7	
JET_JER_EffectiveNP_8	
JET_JER_EffectiveNP_9	
JET_Pileup_OffsetMu	
JET_Pileup_OffsetNPV	
JET_Pileup_PTerm	
JET_Pileup_RhoTopology	
JET_PunchThrough_MC16	
MET_SoftTrk_Scale	
MUON_ID	
MUON_MS	
MUON_SAGITTA_RESBIAS	
MUON_SCALE	
PileupRW	
Electron_SF_Trigger	
Muon_SF_Trigger_STAT	
Muon_SF_Trigger_SYST	
Muon_SF_ID_STAT	
Muon_SF_ID_PT_DEPENDENCY	
Muon_SF_ID_TRUTH	
Muon_SF_Isol_STAT	
Muon_SF_Isol_BKG_FRACTION	
Muon_SF_Isol_MLWINDOW	
Muon_SF_Isol_SHERPA_POWHEG	
Muon_SF_TTVA_STAT	
Muon_SF_TTVA_BKG_FRACTION	
Muon_SF_TTVA_OCD_TEMPLATE	
Photon_ID	
Photon_effs0	
JVT scale factor	
sfakeSF_	
hfakeSF_	
lptfakeSF_	
lptfakeSF_var1	
lptfakeSF_var2	
ty_dec_var3c	
ty_dec_bar	
tbar_var3c	
ty_dec_Herwig7	
tbar_Herwig7	
Wty_Herwig7	
Wt_Herwig7	
tbar_hdamp_var	
tbar_pt_hard	
Wty Norm	
Wt Norm	
ty(s channel) Norm	
ty(t channel) Norm	
Wy Norm	
Zgamma Norm	
diBoson Norm	
tbar Norm	
Luminosity	
jet (jet data vs mc AFII)	
jet RelativeNonClosure AFII	
highpt_uncalib_jet	
highpt_uncalib_cjet	
highpt_uncalib_bjet	
Wty_muR	
Wt_muR	
tbar_muR	
tbar_muF	
ty_dec_muR	
ty_dec_muF	
ty_dec_PDF4LHC_1	
ty_dec_PDF4LHC_2	
ty_dec_PDF4LHC_4	
ty_dec_PDF4LHC_5	
ty_dec_PDF4LHC_6	
ty_dec_PDF4LHC_8	
ty_dec_PDF4LHC_9	
ty_dec_PDF4LHC_10	
ty_dec_PDF4LHC_11	
ty_dec_PDF4LHC_12	
ty_dec_PDF4LHC_15	
ty_dec_PDF4LHC_16	
ty_dec_PDF4LHC_17	
ty_dec_PDF4LHC_18	
ty_dec_PDF4LHC_19	
ty_dec_PDF4LHC_20	
ty_dec_PDF4LHC_22	
ty_dec_PDF4LHC_26	
ty_dec_PDF4LHC_27	
ty_dec_PDF4LHC_28	
MET_SoftTrk_ReadPara	
MET_SoftTrk_ReadParam	
BTag_B_0	
BTag_B_1	
BTag_B_2	
BTag_B_3	
BTag_B_4	
BTag_B_5	
BTag_B_6	
BTag_B_7	
BTag_B_8	
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BTag_C_0	
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BTag_Light_0	
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Electron_Reco_SF_1	
Electron_Reco_SF_2	
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Electron_ID_SF_29	
Electron_Isr_SF_0	
Electron_Isr_SF_6	
Electron_Isr_SF_8	
Electron_Isr_SF_14	
ty_prod_var3c	
ty_prod_Herwig7	
ty_prod_muR	
ty_prod_muF	
ty_prod_PDF4LHC_1	
ty_prod_PDF4LHC_2	
ty_prod_PDF4LHC_3	
ty_prod_PDF4LHC_4	
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ty_prod_PDF4LHC_29	
ty_prod_PDF4LHC_30	