



EG_RESOLUTION_ALL
 EG_SCALE_ALL
 JET_BJES_Response
 JET_EffectiveNP_Detector1
 JET_EffectiveNP_Mixed1
 JET_EffectiveNP_Mixed2
 JET_EffectiveNP_Mixed3
 JET_EffectiveNP_Modelling1
 JET_EffectiveNP_Modelling2
 JET_EffectiveNP_Modelling3
 JET_EffectiveNP_Modelling4
 JET_EffectiveNP_Statistical2
 JET_EffectiveNP_Statistical4
 JET_EffectiveNP_Statistical5
 JET_EtaIntercalibration_Modelling
 JET_EtaIntercalibration_NonClosure_2018data
 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_12restTerm
 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_PtTerm
 JET_Pileup_RhoTopology
 MET_SoftTrk_Scale
 MUON_ID
 MUON_MS
 MUON_SCALE
 Pileup RW
 Muon_SF_Trigger_SYST
 Muon_SF_ID_PT_DEPENDENCY
 Muon_SF_ID_TRUTH
 Muon_SF_Isol_STAT
 Muon_SF_Isol_MLLWINDOW
 Muon_SF_Isol_SHERPA_POWHEG
 Photon_ID
 Photon_effIso
 JVT scale factor
 efakeSF
 hfakeSF
 tty_dec_var3c
 ttbar_var3c
 tty_dec_Herwig7
 ttbar_Herwig7
 Wty_Herwig7
 Wt_Herwig7
 ttbar_hdamp_var
 ttbar_pt_hard
 Luminosity
 uncalib_ljet
 uncalib_cjet
 uncalib_bjet
 Wty_muF
 ttbar_muR
 ttbar_muF
 tty_dec_muR
 tty_dec_muF
 tty_dec_PDF4LHC_1
 tty_dec_PDF4LHC_4
 tty_dec_PDF4LHC_5
 tty_dec_PDF4LHC_6
 tty_dec_PDF4LHC_8
 tty_dec_PDF4LHC_17
 tty_dec_PDF4LHC_19
 tty_dec_PDF4LHC_22
 tty_dec_PDF4LHC_28
 MET_SoftTrk_ResoPara
 MET_SoftTrk_ResoPerp
 BTag_B_0
 BTag_B_1
 BTag_B_2
 BTag_B_3
 BTag_B_4
 BTag_B_7
 BTag_B_8
 BTag_B_12
 BTag_B_21
 BTag_B_22
 BTag_B_28
 BTag_B_35
 BTag_B_36
 BTag_B_37
 BTag_C_0
 BTag_C_1
 BTag_C_2
 BTag_C_3
 BTag_C_4
 BTag_C_6
 BTag_C_7
 BTag_C_8
 BTag_C_9
 BTag_C_10
 BTag_C_11
 BTag_C_12
 BTag_C_13
 BTag_C_15
 BTag_C_17
 BTag_C_18
 BTag_Light_0
 BTag_Light_1
 BTag_Light_3
 BTag_Light_4
 BTag_Light_5
 BTag_Light_7
 BTag_Light_8
 BTag_Light_9
 BTag_Light_10
 BTag_Light_11
 BTag_Light_12
 BTag_Light_13
 BTag_Light_14
 BTag_Light_15
 BTag_Light_16
 Electron_ID_SF_23
 Electron_ID_SF_29
 Electron_Iso_SF_0
 Electron_Iso_SF_8
 tty_prod_var3c
 tty_prod_Herwig7
 tty_prod_muR
 tty_prod_muF
 tty_prod_PDF4LHC_2
 tty_prod_PDF4LHC_4
 tty_prod_PDF4LHC_5
 tty_prod_PDF4LHC_6
 tty_prod_PDF4LHC_8
 tty_prod_PDF4LHC_17
 tty_prod_PDF4LHC_19
 tty_prod_PDF4LHC_20
 tty_prod_PDF4LHC_22
 tty_prod_PDF4LHC_27
 tty_prod_PDF4LHC_28