

EG_SCALE_ALL
 JET_BJES_Response
 JET_EffectiveNP_Detector1
 JET_EffectiveNP_Detector2
 JET_EffectiveNP_Mixed1
 JET_EffectiveNP_Mixed2
 JET_EffectiveNP_Mixed3
 JET_EffectiveNP_Modeling1
 JET_EffectiveNP_Modeling2
 JET_EffectiveNP_Modeling3
 JET_EffectiveNP_Modeling4
 JET_EffectiveNP_Statistical1
 JET_EffectiveNP_Statistical2
 JET_EffectiveNP_Statistical3
 JET_EffectiveNP_Statistical4
 JET_EffectiveNP_Statistical5
 JET_EffectiveNP_Statistical6
 JET_Estimation_Calibration_Modeling
 JET_Estimation_Calibration_NonClosure_2018data
 JET_Estimation_Calibration_NonClosure_negEta
 JET_Estimation_Calibration_NonClosure_posEta
 JET_Estimation_Calibration_TotalStat
 JET_Flavor_Composition
 JET_Flavor_Response
 JET_JER_Data/vsMC_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_SoftK_Scale
 MUON_ID
 MUON_MS
 MUON_SAGITTA_RESBIAS
 MUON_SCALE
 Pileup_RW
 Electron_SF_Trigger
 Muon_SF_Trigger_STAT
 Muon_SF_Trigger_SYST
 Muon_SF_ID_STAT
 Muon_SF_ID_BMG_FRACTION
 Muon_SF_ID_MC_XSEC
 Muon_SF_ID_PT_DEPENDENCY
 Muon_SF_ID_QCD_TEMPLATE
 Muon_SF_ID_TRUTH
 Muon_SF_Isol_STAT
 Muon_SF_Isol_BMG_FRACTION
 Muon_SF_Isol_LUMI_UNCERT
 Muon_SF_Isol_MC_XSEC
 Muon_SF_Isol_QCD_TEMPLATE
 Muon_SF_Isol_MLWINDOW
 Muon_SF_Isol_DRMUJ
 Muon_SF_Isol_PROMEQ
 Muon_SF_Isol_SHERPA_POWHEG
 Muon_SF_TTVA_STAT
 Muon_SF_TTVA_BMG_FRACTION
 Muon_SF_TTVA_LUMI_UNCERT
 Muon_SF_TTVA_MC_XSEC
 Muon_SF_TTVA_QCD_TEMPLATE
 Muon_SF_TTVA_SUPPRESSION_SCALE
 Photon_ID
 Photon_effec
 JvT scale factor
 sfakeSF_
 sfakeSF_
 lpfakeSF_
 lpfakeSF_var1
 lpfakeSF_var2
 ty_dec_var3c
 tbar_var3c
 ty_dec_Herwig7
 tbar_Herwig7
 Wty_Herwig7
 Wt_Herwig7
 tbar_hdamp_var
 tbar_pt_hard
 Wty Norm
 Wt Norm
 ty(is channel) Norm
 ty(t channel) Norm
 Wty Norm
 Zy Norm
 Wt Norm
 diboson Norm
 tbar Norm
 Luminosity
 hightpt_uncalib_jet
 hightpt_uncalib_djet
 hightpt_uncalib_tjet
 Wty_muE
 Wty_muF
 Wt_muF
 tbar_muR
 tbar_muF
 ty_dec_muR
 ty_dec_muF
 ty_dec_PDF4LHC_1
 ty_dec_PDF4LHC_2
 ty_dec_PDF4LHC_3
 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_14
 ty_dec_PDF4LHC_15
 ty_dec_PDF4LHC_17
 ty_dec_PDF4LHC_18
 ty_dec_PDF4LHC_19
 ty_dec_PDF4LHC_20
 ty_dec_PDF4LHC_21
 ty_dec_PDF4LHC_22
 ty_dec_PDF4LHC_24
 ty_dec_PDF4LHC_26
 ty_dec_PDF4LHC_27
 ty_dec_PDF4LHC_28
 MET_SoftK_RandPara
 MET_SoftK_RandPerp
 BTag_B_0
 BTag_B_1
 BTag_B_2
 BTag_B_3
 BTag_B_4
 BTag_B_5
 BTag_B_6
 BTag_B_7
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 BTag_C_19
 BTag_Light_0
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 BTag_Light_19
 Electron_Reco_SF_0
 Electron_Reco_SF_1
 Electron_Reco_SF_2
 Electron_Reco_SF_3
 Electron_Reco_SF_4
 Electron_Reco_SF_5
 Electron_Reco_SF_6
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 Electron_Lea_SF_13
 Electron_Lea_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
 ty_prod_PDF4LHC_5
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