

$\Delta R_{\text{min}}(\text{b})$   $\Delta R_{\text{min}}(\text{l})$   
 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\_EstimateCalibration\_Modelling  
 JET\_EstimateCalibration\_NonClosure\_2018data  
 JET\_EstimateCalibration\_NonClosure\_highE  
 JET\_EstimateCalibration\_NonClosure\_posEts  
 JET\_EstimateCalibration\_TotalStat  
 JET\_Flavor\_Composition  
 JET\_Flavor\_Response  
 JET\_JER\_DataVsMC\_MC16  
 JET\_JER\_EffectiveNP\_10  
 JET\_JER\_EffectiveNP\_11  
 JET\_JER\_EffectiveNP\_12resTerm  
 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  
 Pileup\_RW  
 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\_QCD\_TEMPLATE  
 Muon\_SF\_Isol\_MLWINDOW  
 Muon\_SF\_Isol\_DRMU  
 Muon\_SF\_Isol\_PROBEO  
 Muon\_SF\_Isol\_SHERPA\_POWHEG  
 Muon\_SF\_TTVA\_STAT  
 Muon\_SF\_TTVA\_BKG\_FRACTION  
 Muon\_SF\_TTVA\_MC\_XSEC  
 Muon\_SF\_TTVA\_QCD\_TEMPLATE  
 Photon\_ID  
 Photon\_effiso  
 JVT scale factor  
 stokeSF\_  
 hstakeSF\_  
 leptakeSF\_  
 leptakeSF\_var1  
 leptakeSF\_var2  
 tbar\_var3c  
 tbar\_Herwig7  
 Why\_Herwig7  
 Vt\_Herwig7  
 tbar\_hdamp\_var  
 tbar\_pt\_hard  
 Why\_Norm  
 Vt\_Norm  
 ty(x channel) Norm  
 ty(t channel) Norm  
 Why\_Norm  
 Zy\_Norm  
 dbecon Norm  
 tbar Norm  
 Luminosity  
 jet(jet data vs mc AFII)  
 jet RelativeNonClosure AFII  
 highpt\_uncalib\_ljet  
 highpt\_uncalib\_cjet  
 highpt\_uncalib\_bjet  
 Why\_muR  
 Why\_muF  
 Vt\_muR  
 tbar\_muR  
 tbar\_muF  
 MET\_SoftTrk\_ResoPara  
 MET\_SoftTrk\_ResoPerp  
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 ty\_dec\_Herwig7  
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 ty\_prod\_PDFALHC\_2  
 ty\_prod\_PDFALHC\_3  
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