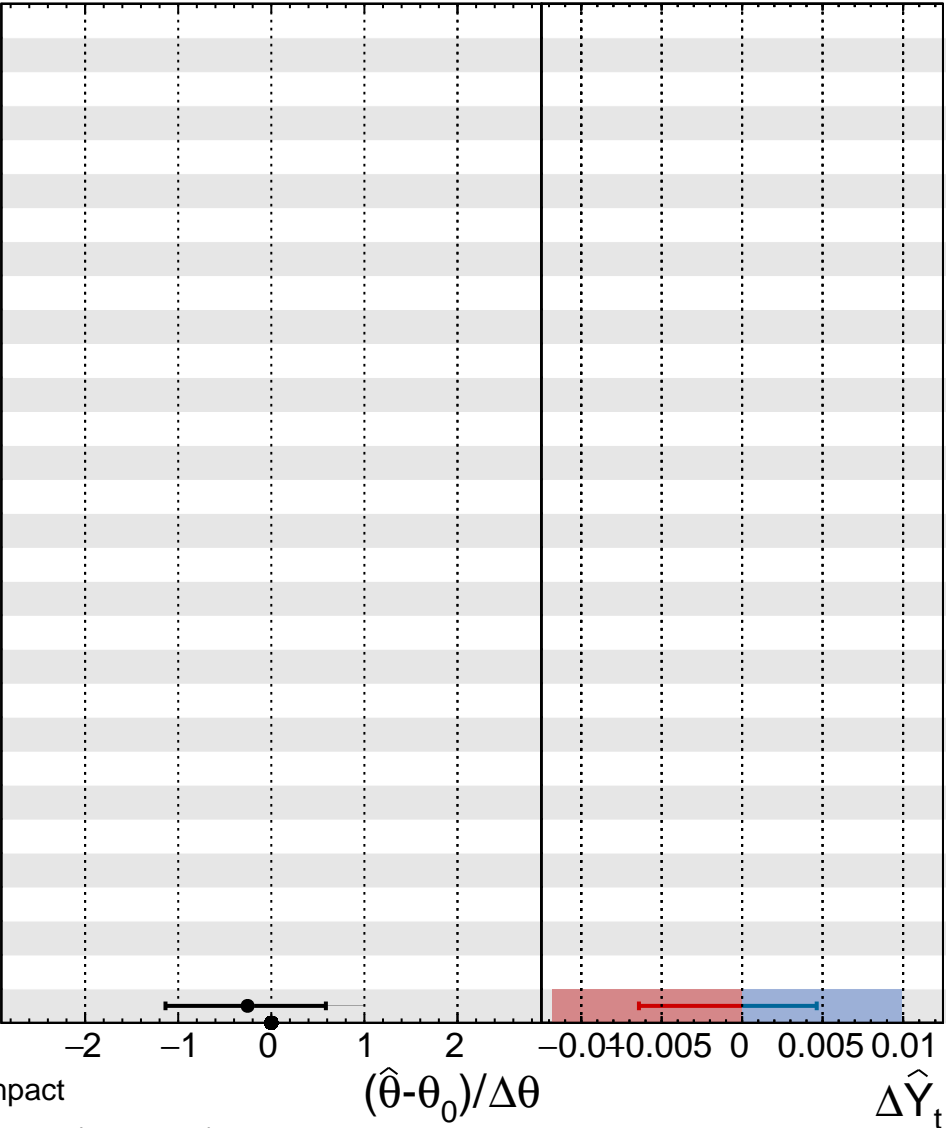


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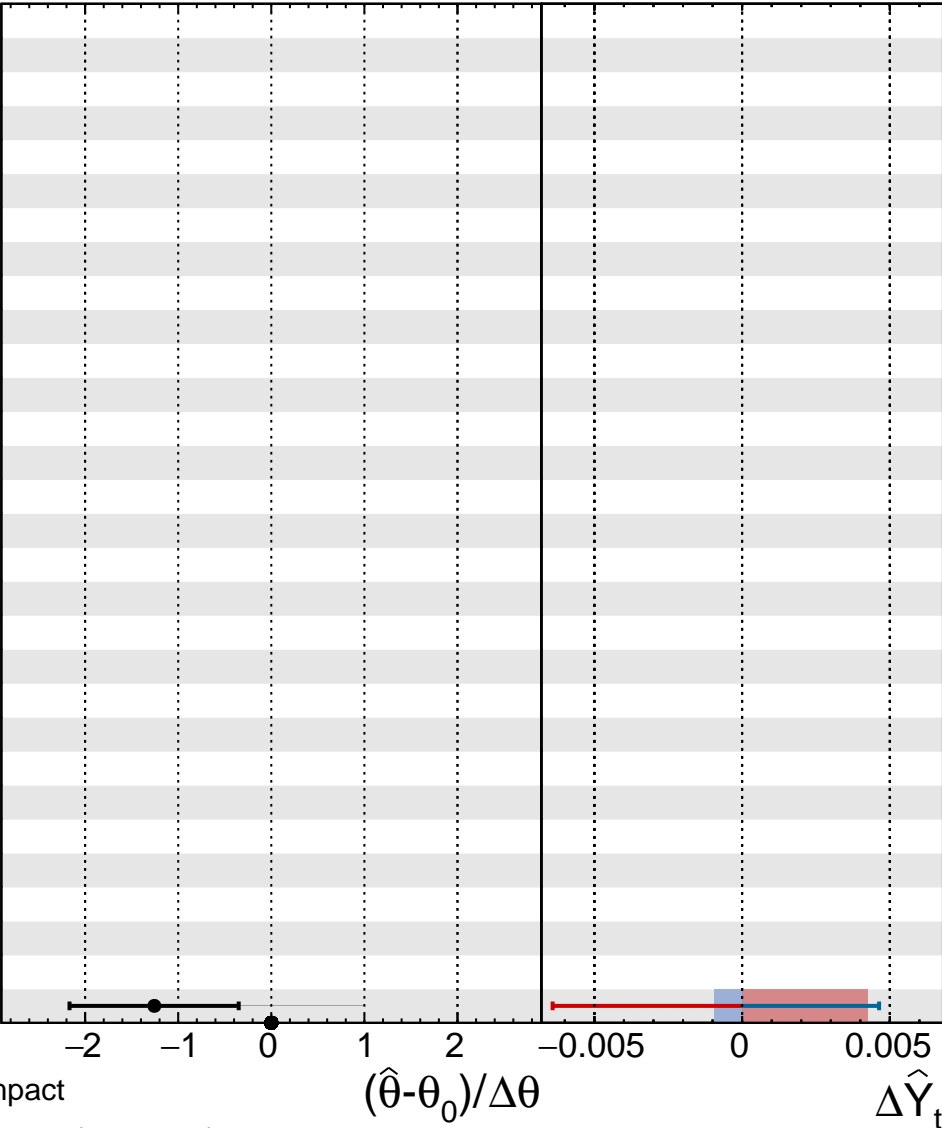
Drell–Yan normalization



● Pull    +1σ Impact    -1σ Impact  
+1σ Impact    -1σ Impact (expected)

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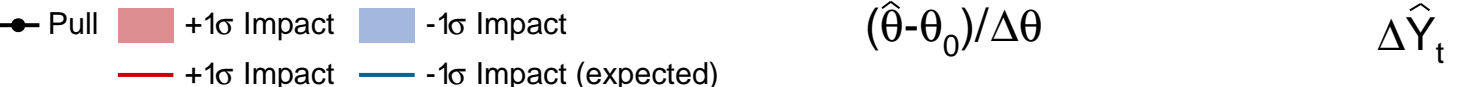
NNPDF variation 0 (2016)



● Pull  
■ +1σ Impact  
■ -1σ Impact  
— +1σ Impact  
— -1σ Impact (expected)

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Jet energy *PileupPtEC1* (2017)

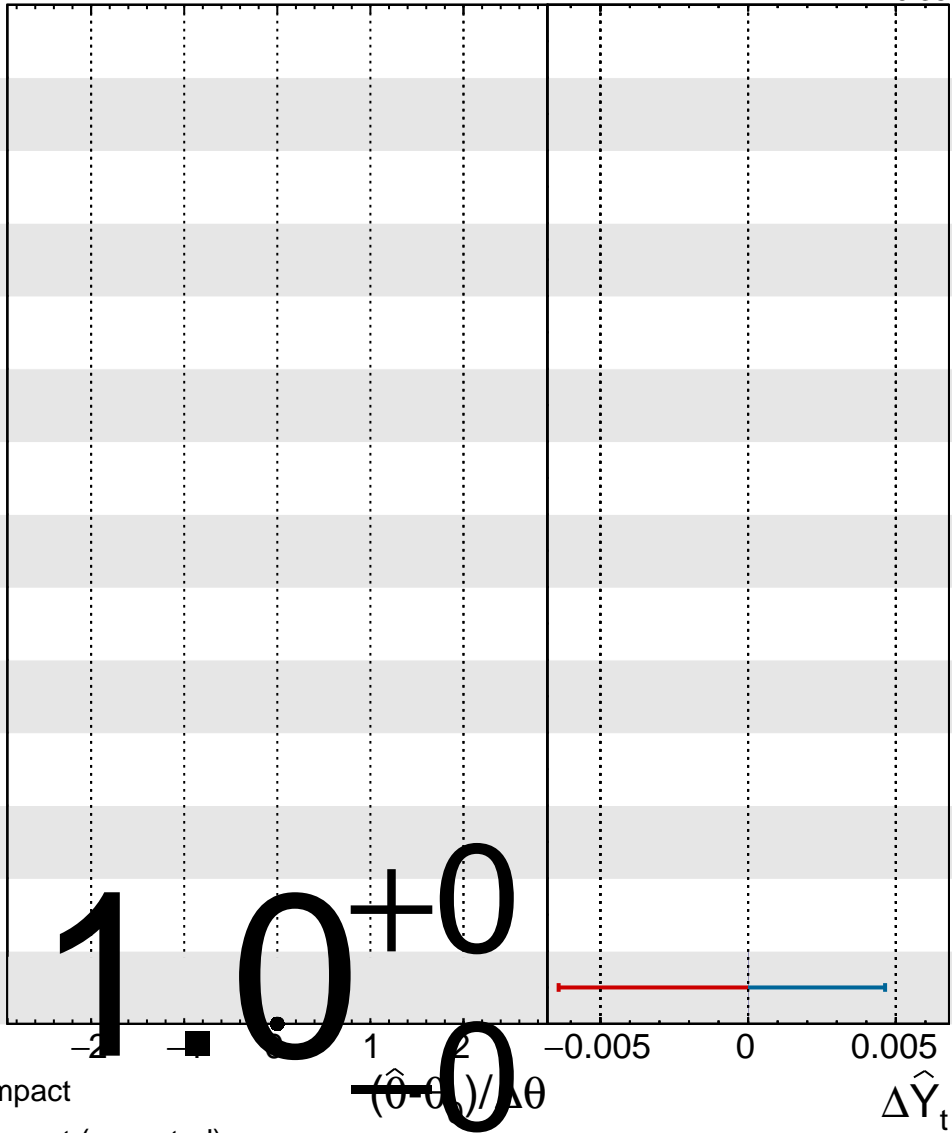


Unconstrained
  Gaussian
  Poisson
  AsymmetricGaussian

# CMS *Supplementary*

$$\hat{Y}_t = 1.16^{+0.24}_{-0.35}$$

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Pull
  +1σ Impact
  -1σ Impact
  -1σ Impact (expected)