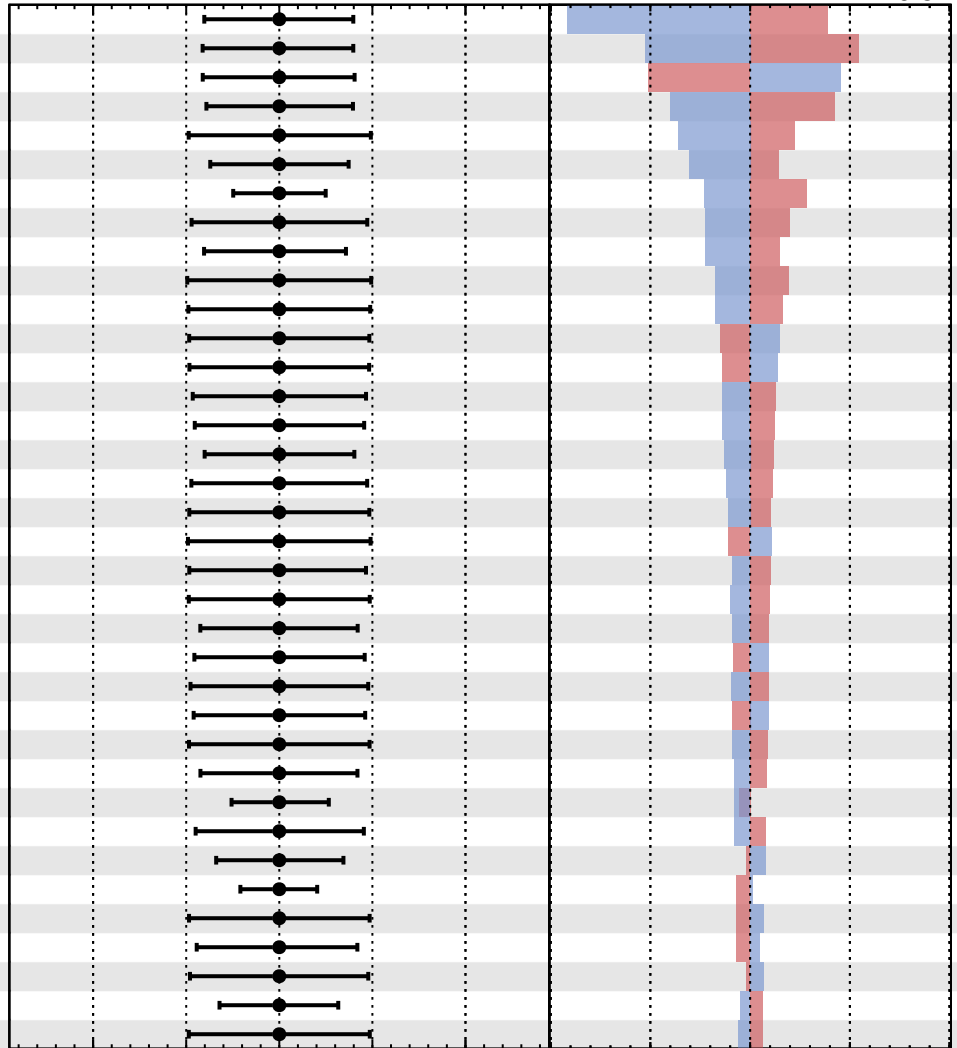


# CMS Internal

$\hat{y}_t = 1.00^{+0.30}_{-0.57}$

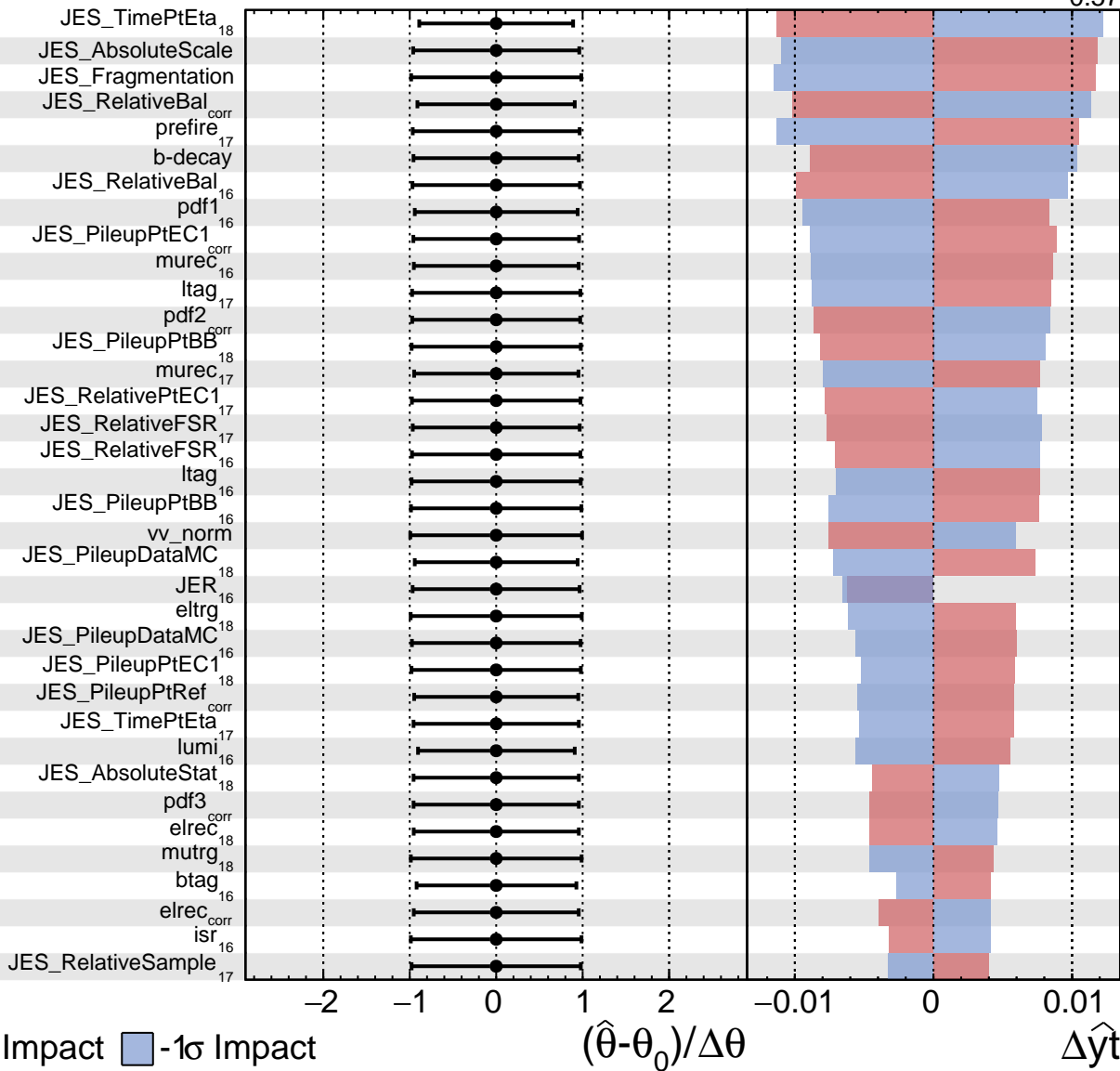
EWunc  
fsr<sub>corr</sub>  
FS  
JES\_FlavorQCD  
isr<sub>corr</sub>  
RS  
top mass  
murec<sub>corr</sub>  
fsr<sub>16</sub>  
st\_norm  
ltag<sub>corr</sub>  
JES\_RelativeFSR<sub>corr</sub>  
pdf0<sub>corr</sub>  
pdf2<sub>16</sub>  
murec<sub>18</sub>  
JES\_TimePtEta<sub>16</sub>  
pdf1<sub>corr</sub>  
pdf4<sub>corr</sub>  
JES\_SinglePionECAL  
JER<sub>18</sub>  
JES\_AbsoluteMPFBias  
pdf\_as<sub>18</sub>  
btag<sub>corr</sub>  
ltag<sub>18</sub>  
btag<sub>18</sub>  
PileUp  
pdf\_as<sub>17</sub>  
rsfs  
JES\_RelativeSample<sub>16</sub>  
tt\_norm  
b-frag  
JES\_RelativeFSR<sub>18</sub>  
vj\_norm  
JER<sub>17</sub>  
JES\_RelativeSample<sub>18</sub>  
JES\_PileupDataMC<sub>corr</sub>



● Pull ■ +1σ Impact ■ -1σ Impact

$(\hat{\theta} - \theta_0) / \Delta\theta$

$\Delta \hat{y}_t$



**CMS** *Internal*

$\hat{y}_t = 1.00^{+0.30}_{-0.57}$

