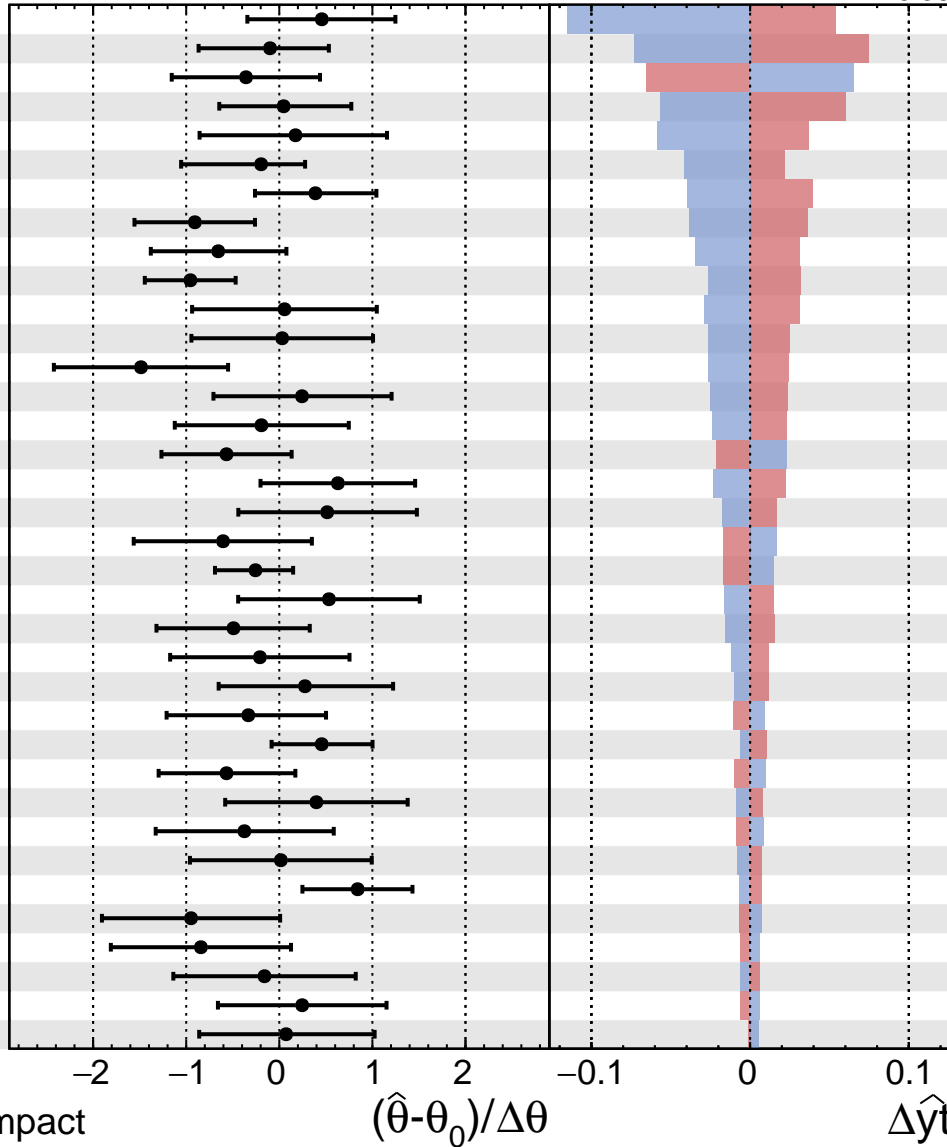


**CMS** *Internal*

$\hat{y}_t = 1.08^{+0.23}_{-0.36}$

EWunc  
fsr<sub>corr</sub>  
FS  
JES<sub>corr</sub>  
isr<sub>corr</sub>  
fsr<sub>16</sub>  
JES<sub>17</sub>  
JES<sub>16</sub>  
RS  
top mass  
st\_norm  
ltag<sub>corr</sub>  
pdf1<sub>corr</sub>  
murec<sub>corr</sub>  
pdf2<sub>16</sub>  
tt\_norm  
pdf\_as<sub>18</sub>  
murec<sub>18</sub>  
pdf0<sub>corr</sub>  
b\_frag  
PileUp  
pdf\_as<sub>17</sub>  
ltag<sub>18</sub>  
JER<sub>18</sub>  
vj\_norm  
JES<sub>18</sub>  
btag<sub>16</sub>  
ltag<sub>16</sub>  
elrec<sub>corr</sub>  
pdf4<sub>corr</sub>  
btag<sub>17</sub>  
pdf4<sub>16</sub>  
pdf2<sub>corr</sub>  
ltag<sub>17</sub>  
lumi<sub>17</sub>  
JER<sub>17</sub>



# CMS Internal

$\hat{y}_t = 1.08^{+0.23}_{-0.36}$

