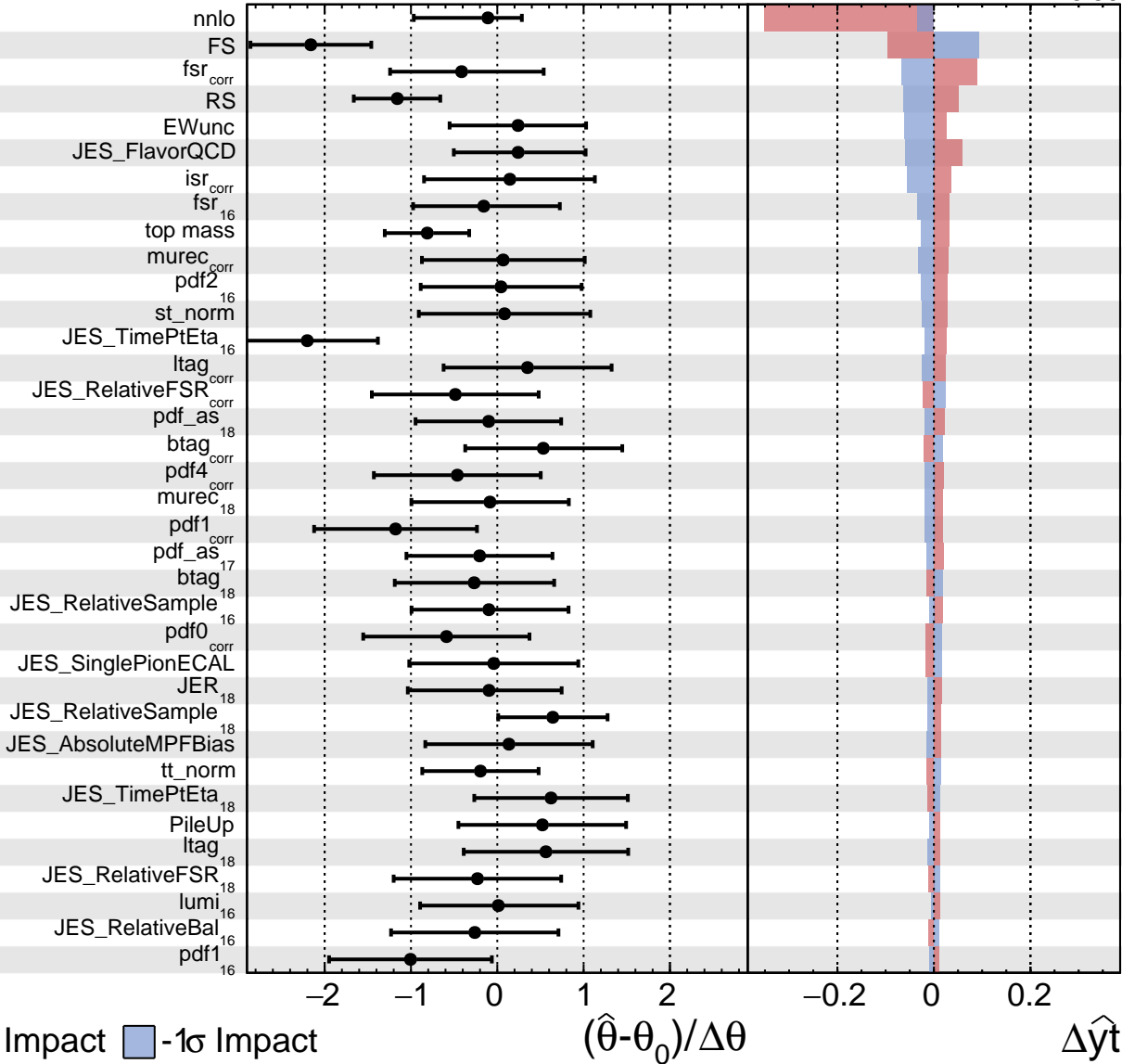


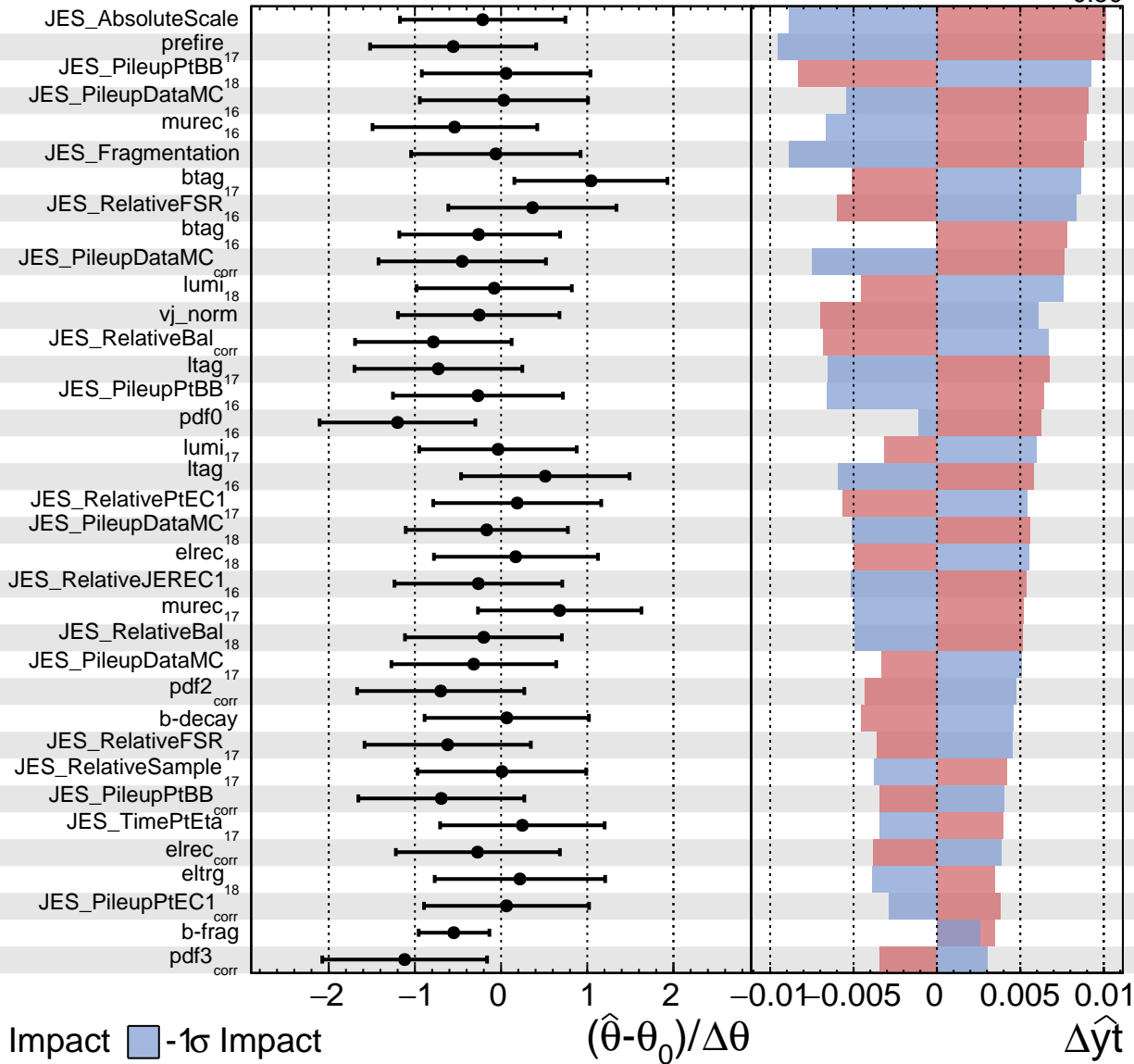
**CMS** *Internal*

$\hat{y}_t = 1.19^{+0.24}_{-0.50}$



**CMS** *Internal*

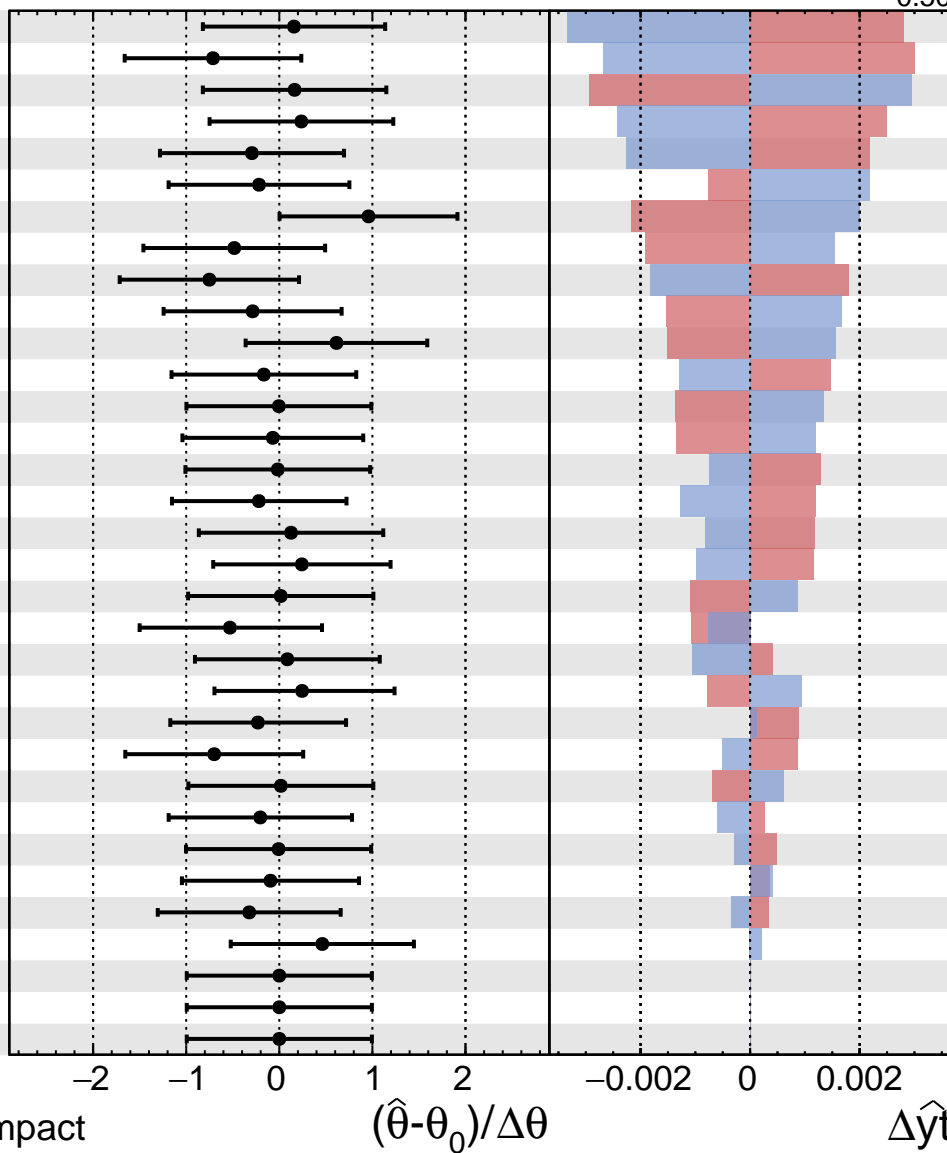
$\hat{y}_t = 1.19^{+0.24}_{-0.50}$



**CMS** *Internal*

$\hat{y}_t = 1.19^{+0.24}_{-0.50}$

JES\_PileupPtEC1  
JES\_PileupPtRef  
prefire<sub>corr</sub>  
mutrg<sub>16</sub>  
mutrg<sub>18</sub>  
JES\_SinglePionHCAL  
JER<sub>17</sub>  
JES\_PileupPtBB  
JES\_PileupPtRef<sub>17</sub>  
JES\_AbsoluteStat<sub>18</sub>  
pdf5<sub>16</sub>  
eltrg<sub>17</sub>  
flat<sub>corr</sub>  
lumi<sub>corr</sub>  
flat<sub>16</sub>  
elrec<sub>17</sub>  
mutrg<sub>16</sub>  
JES\_PileupPtRef<sub>18</sub>  
vv\_norm  
JER<sub>16</sub>  
eltrg<sub>16</sub>  
isr<sub>16</sub>  
elrec<sub>16</sub>  
pdf4<sub>16</sub>  
flat<sub>17</sub>  
JES\_PileupPtRef<sub>16</sub>  
pdf\_as<sub>16</sub>  
JES\_PileupPtEC1<sub>17</sub>  
JES\_RelativeBal<sub>17</sub>  
JES\_AbsoluteStat<sub>16</sub>  
JES\_RelativePtBB<sub>16</sub>  
JES\_RelativePtBB<sub>corr</sub>  
flat<sub>18</sub>



● Pull ■ +1σ Impact ■ -1σ Impact