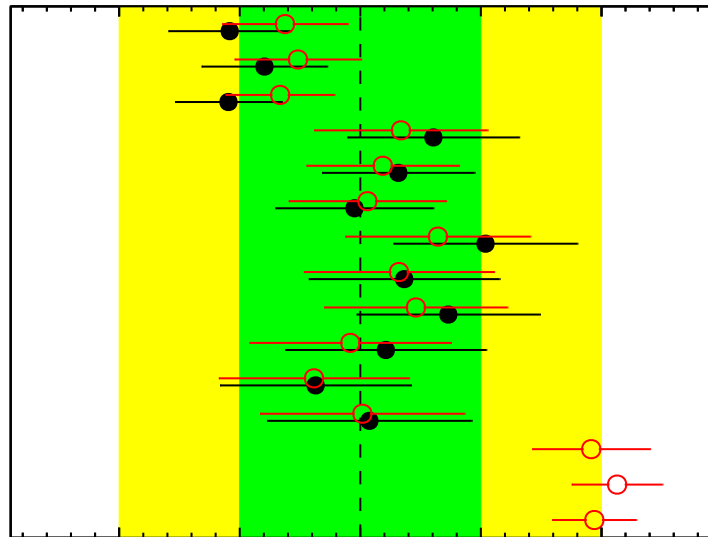


**ATLAS** Internal

—●— w/o 3b1f NC

—○— w/ 3b1f NC



Bkg R16\_3b1f\_IX W16\_Q1M45  
Bkg R17\_3b1f\_IX W17\_Q1M45  
Bkg R18\_3b1f\_IX W18\_Q1M45  
Bkg R16\_3b1f\_IX W16\_Q2M45  
Bkg R17\_3b1f\_IX W17\_Q2M45  
Bkg R18\_3b1f\_IX W18\_Q2M45  
Bkg R16\_3b1f\_IX W16\_Q3M45  
Bkg R17\_3b1f\_IX W17\_Q3M45  
Bkg R18\_3b1f\_IX W18\_Q3M45  
Bkg R16\_3b1f\_IX W16\_Q4M45  
Bkg R17\_3b1f\_IX W17\_Q4M45  
Bkg R18\_3b1f\_IX W18\_Q4M45  
Bkg R16\_3b1f\_IX W16\_3b1f  
Bkg R17\_3b1f\_IX W17\_3b1f  
Bkg R18\_3b1f\_IX W18\_3b1f

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