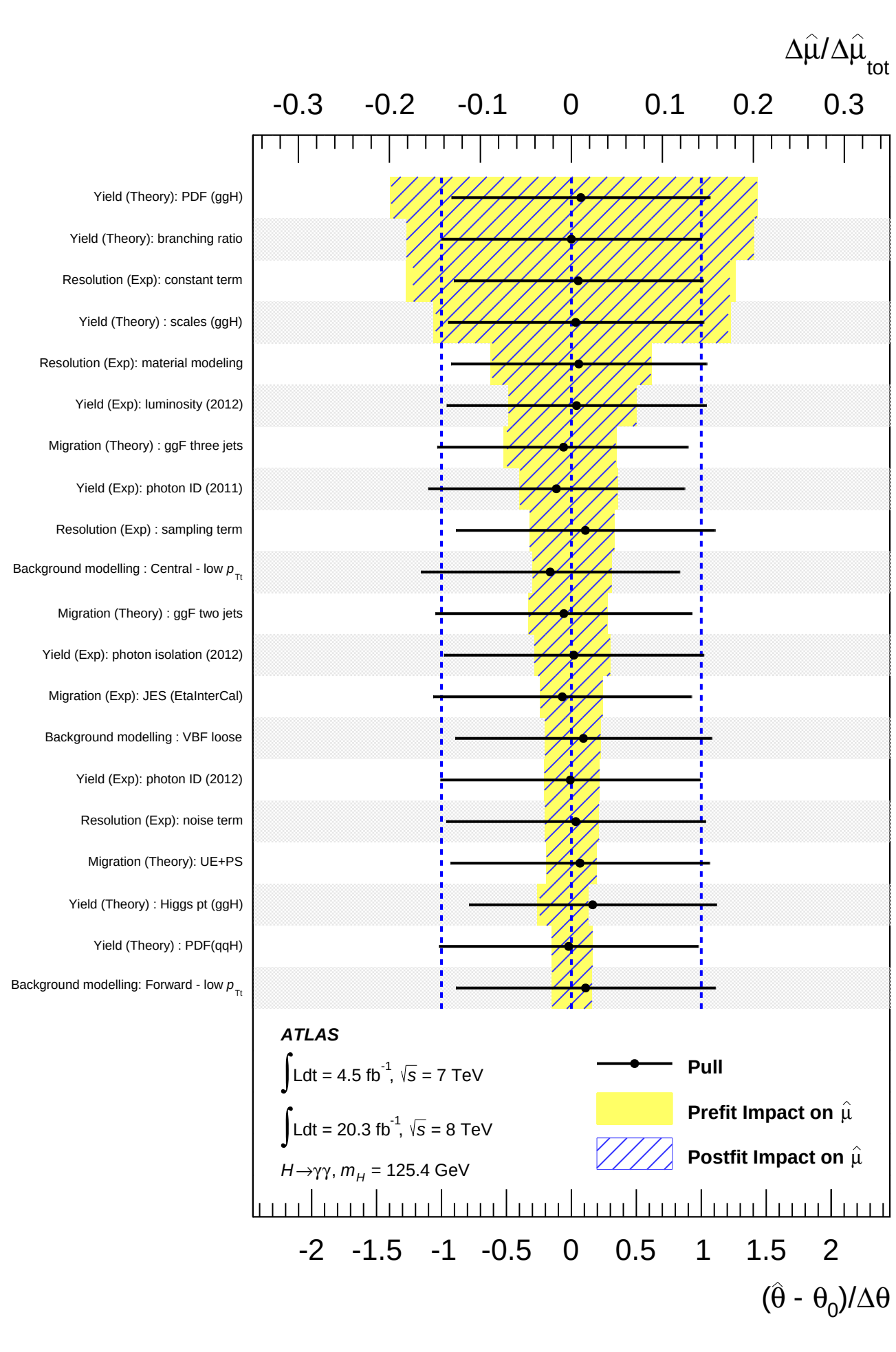
$\Delta\hat{\mu}/\Delta\hat{\mu}_{tot}$
-0.3
-0.2
-0.1
0
0.1
0.2
0.3
Yield (Theory): PDF (ggH)
Yield (Theory): branching ratio
Resolution (Exp): constant term
Yield (Theory) : scales (ggH)
Resolution (Exp): material modeling
Yield (Exp): luminosity (2012)
Migration (Theory) : ggF three jets
Yield (Exp): photon ID (2011)
Resolution (Exp) : sampling term
Background modelling : Central - low p_{Tt}
Migration (Theory) : ggF two jets
Yield (Exp): photon isolation (2012)
Migration (Exp): JES (EtaInterCal)
Background modelling : VBF loose
Yield (Exp): photon ID (2012)
Resolution (Exp): noise term
Migration (Theory): UE+PS
Yield (Theory) : Higgs pt (ggH)
Yield (Theory) : PDF(qqH)
Background modelling: Forward - low p_{Tt}
ATLAS
$\int$Ldt = 4.5 fb^{-1}, $\sqrt{s}$ = 7 TeV
$\int$Ldt = 20.3 fb^{-1}, $\sqrt{s}$ = 8 TeV
$H\rightarrow\gamma\gamma$, m_H = 125.4 GeV
Pull
Prefit Impact on $\hat{\mu}$
Postfit Impact on $\hat{\mu}$
-2
-1.5
-1
-0.5
0
0.5
1
1.5
2
$(\hat{\theta} - \theta_0)/\Delta\theta$