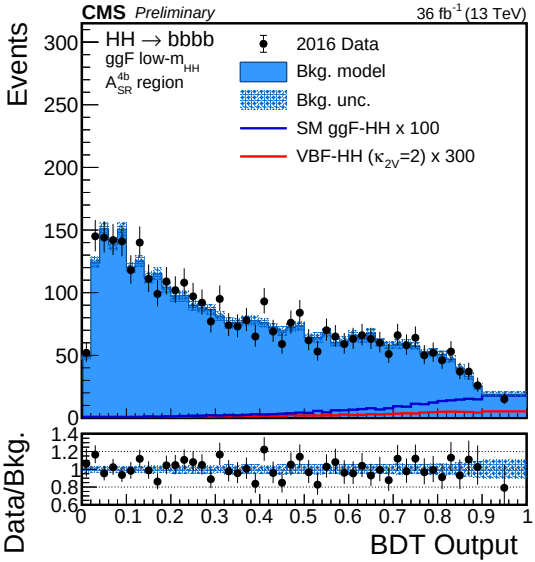
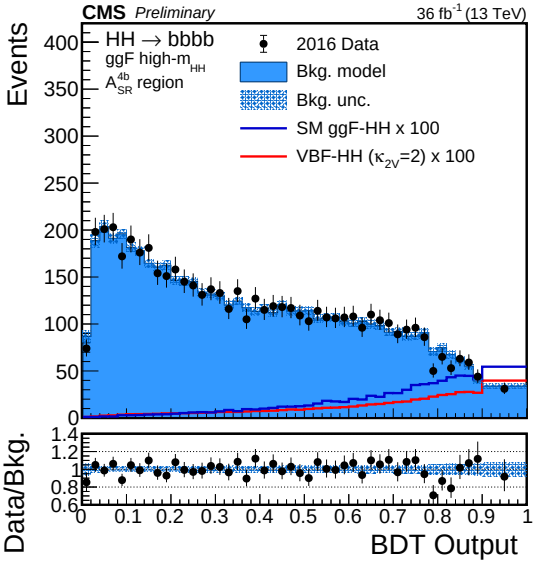
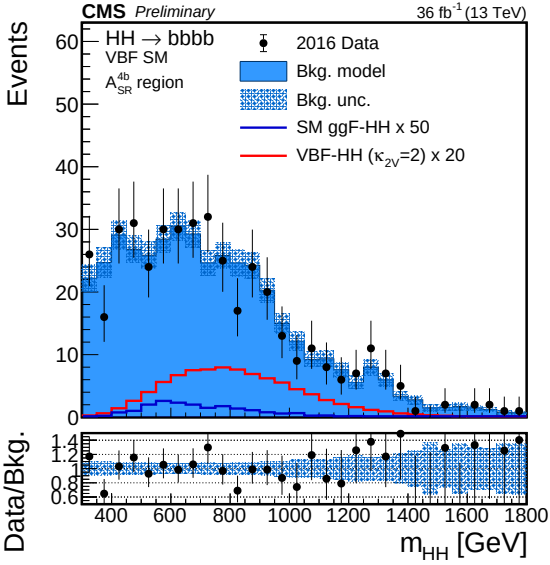
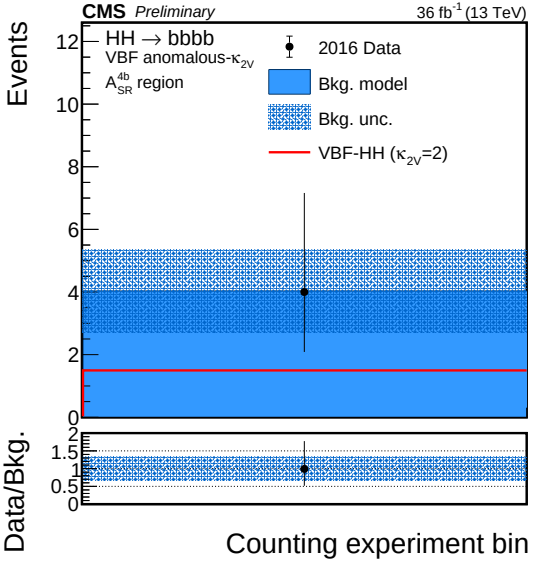

CMS Preliminary
36 fb^{-1} (13 TeV)
HH → bbbb
ggF low-m_{HH}
A_{SR}^{4b} region
2016 Data
Bkg. model
Bkg. unc.
SM ggF-HH x 100
VBF-HH (κ_{2V}=2) x 300
Events
Data/Bkg.
BDT Output


CMS Preliminary
36 fb^{-1} (13 TeV)
HH → bbbb
ggF high-m_{HH}
A_{SR}^{4b} region
2016 Data
Bkg. model
Bkg. unc.
SM ggF-HH x 100
VBF-HH (κ_{2V}=2) x 100
Events
Data/Bkg.
BDT Output


CMS Preliminary
36 fb^{-1} (13 TeV)
HH → bbbb
VBF SM
A_{SR}^{4b} region
2016 Data
Bkg. model
Bkg. unc.
SM ggF-HH x 50
VBF-HH (κ_{2V}=2) x 20
Events
Data/Bkg.
m_{HH} [GeV]


CMS Preliminary
36 fb^{-1} (13 TeV)
HH → bbbb
VBF anomalous-κ_{2V}
A_{SR}^{4b} region
2016 Data
Bkg. model
Bkg. unc.
VBF-HH (κ_{2V}=2)
Events
Data/Bkg.
Counting experiment bin