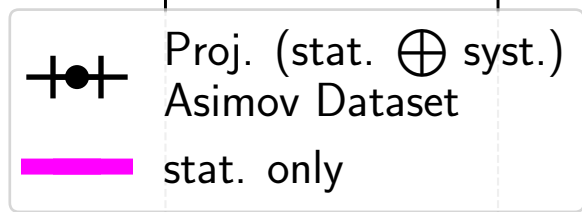


# 95% CL Sensitivity to $C_{Hq1}$ (Freeze Other WCs)

CMS Preliminary

138 fb<sup>-1</sup> (13 TeV)



combined

0 Lepton  
(2 fat jets)

2 Leptons  
(same signed)

0 Lepton  
(3 fat jets)

2 Leptons  
(opposite signed)

1 Lepton  
(2 fat jets)

2 Leptons  
(opposite signed, 2FJ)

-1.0

-0.5

0.0

0.5

1.0

Sensitivity to  $C_{Hq1}/\Lambda^2$  [TeV]<sup>-2</sup>

0.000

+0.349  
-0.353

+0.276  
-0.279

0.000

+0.422  
-0.423

+0.332  
-0.334

0.000

+0.593  
-0.603

+0.560  
-0.570

0.000

+0.613  
-0.616

+0.453  
-0.456

0.000

+0.641  
-0.645

+0.541  
-0.547

0.000

+0.716  
-0.720

+0.535  
-0.540

0.000

+1.050  
-1.058

+0.984  
-0.992

Variable of  
choice

H<sub>T</sub>

S<sub>T</sub>

H<sub>T,Fat-Jet</sub>

S<sub>T</sub>

M<sub>JJlν</sub>

S<sub>T,MET</sub>