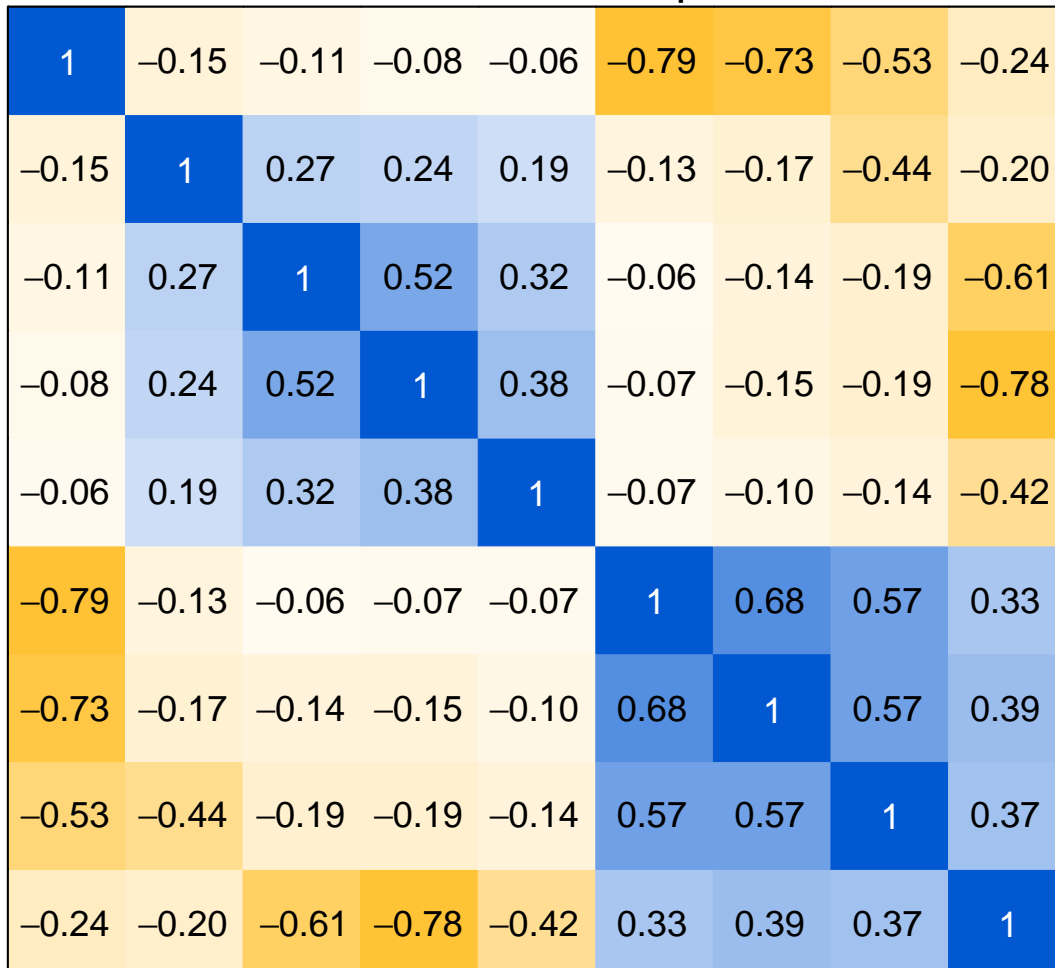


**ATLAS and CMS**Expected **LHC** Run 1 $\sigma(\text{gg} \rightarrow \text{H} \rightarrow \text{ZZ})$ 

Parameter Y

 $\sigma_{\text{VBF}}/\sigma_{\text{ggF}}$  $\sigma_{\text{WH}}/\sigma_{\text{ggF}}$  $\sigma_{\text{ZH}}/\sigma_{\text{ggF}}$  $\sigma_{\text{ttH}}/\sigma_{\text{ggF}}$  $B^{\text{WW}}/B^{\text{ZZ}}$  $B^{\gamma\gamma}/B^{\text{ZZ}}$  $B^{\tau\tau}/B^{\text{ZZ}}$  $B^{\text{bb}}/B^{\text{ZZ}}$  $\sigma(\text{gg} \rightarrow \text{H} \rightarrow \text{ZZ})$   $\sigma_{\text{VBF}}/\sigma_{\text{ggF}}$   $\sigma_{\text{WH}}/\sigma_{\text{ggF}}$   $\sigma_{\text{ZH}}/\sigma_{\text{ggF}}$   $\sigma_{\text{ttH}}/\sigma_{\text{ggF}}$   $B^{\text{WW}}/B^{\text{ZZ}}$   $B^{\gamma\gamma}/B^{\text{ZZ}}$   $B^{\tau\tau}/B^{\text{ZZ}}$   $B^{\text{bb}}/B^{\text{ZZ}}$ 

Parameter X

 $\rho(X, Y)$ 1  
0.8  
0.6  
0.4  
0.2  
0  
-0.2  
-0.4  
-0.6  
-0.8  
-1