

95% C.L. Limit on  $\sigma/\sigma_{\text{SM}}$

CMS,  $\sqrt{s} = 8 \text{ TeV}$ ,  $L_{\text{int}} = 5.1 \text{ fb}^{-1}$   
 $H \rightarrow WW \rightarrow 2l2\nu$  0/1/2 jet BDT shape  
Signal Injection  $m_H = 125 \text{ GeV}$

- - - Median Expected
- Expected  $\pm 1\sigma$
- Expected  $\pm 2\sigma$
- Average Observed
- Observed  $\pm 1\sigma$

