

ATLAS

$\sqrt{s}=13$ TeV, 139 fb $^{-1}$

VH, H \rightarrow c \bar{c}

$\pm 1\sigma$

$\pm 2\sigma$

Expected

Observed

0 lepton

Exp.= $40 \times$ SM

Obs.= $35 \times$ SM

1 lepton

Exp.= $60 \times$ SM

Obs.= $50 \times$ SM

2 lepton

Exp.= $51 \times$ SM

Obs.= $49 \times$ SM

Combination

Exp.= $31 \times$ SM

Obs.= $26 \times$ SM

0 20 40 60 80 100

95% CL limit on $\mu_{VH(c\bar{c})}$

