

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

# CMS Supplementary

$H \rightarrow SS \rightarrow 4\ell, \ell = e, \mu$

$\mu\mu$  channel

$B(H \rightarrow SS)$

95% CL upper limits

--- Median expected

— Observed

—  $m_H = 125$  GeV,  $m_S = 30$  GeV

—  $m_H = 125$  GeV,  $m_S = 50$  GeV

