

CMS Preliminary

HH \rightarrow Multilepton

138 fb⁻¹ (13 TeV)

95% CL upper limit $\sigma(\text{pp} \rightarrow \text{X} \rightarrow \text{HH})$ [pb]

- **Combined**
- ▲ 2ℓ ss
- ▲ $3\ell + 1\tau_h$
- $0\ell + 4\tau_h$
- $2\ell + 2\tau_h$
- ▼ 4ℓ
- ▲ $1\ell + 3\tau_h$
- $3\ell + 0\tau_h$

Solid (dashed) lines: observed (median expected) limits

spin 2

