| Decay mode | Production process | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ggH | | | | VBF | | | | WH | | | | ZH | | | | ttH | |
| | Best fit value | Uncertainty stat | Uncertainty syst | | Best fit value | Uncertainty stat | Uncertainty syst | | Best fit value | Uncertainty stat | Uncertainty syst | | Best fit value | Uncertainty stat | Uncertainty syst | | Best fit value | Uncertainty stat | Uncertainty syst |
| $H \to bb$ | $2.51^{+2.43}_{-2.01}$ | $^{+1.96}_{-1.92}$ | $^{+1.44}_{-0.59}$ | | — | | | | $1.73^{+0.70}_{-0.68}$ | $^{+0.53}_{-0.51}$ | $^{+0.46}_{-0.45}$ | | $0.99^{+0.47}_{-0.45}$ | $^{+0.41}_{-0.40}$ | $^{+0.23}_{-0.20}$ | | $0.91^{+0.45}_{-0.43}$ | $^{+0.24}_{-0.23}$ | $^{+0.38}_{-0.36}$ |
| | | $(^{+2.06}_{-1.86})$ | $(^{+1.85}_{-1.83})$ | $(^{+0.89}_{-0.33})$ | — | | | | | $(^{+0.69}_{-0.67})$ | $(^{+0.52}_{-0.51})$ | $(^{+0.45}_{-0.44})$ | | $(^{+0.46}_{-0.44})$ | $(^{+0.40}_{-0.39})$ | $(^{+0.23}_{-0.20})$ | | $(^{+0.44}_{-0.42})$ | $(^{+0.23}_{-0.23})$ | $(^{+0.37}_{-0.35})$ |
| $H \to \tau\tau$ | $1.05^{+0.53}_{-0.47}$ | $^{+0.25}_{-0.25}$ | $^{+0.46}_{-0.40}$ | | $1.12^{+0.45}_{-0.43}$ | $^{+0.37}_{-0.35}$ | $^{+0.25}_{-0.25}$ | | — | | | | — | | | | $0.23^{+1.03}_{-0.88}$ | $^{+0.80}_{-0.71}$ | $^{+0.65}_{-0.52}$ |
| | | $(^{+0.45}_{-0.41})$ | $(^{+0.23}_{-0.23})$ | $(^{+0.38}_{-0.34})$ | | $(^{+0.45}_{-0.43})$ | $(^{+0.37}_{-0.35})$ | $(^{+0.25}_{-0.24})$ | | — | | | | — | | | | $(^{+0.98}_{-0.87})$ | $(^{+0.80}_{-0.73})$ | $(^{+0.56}_{-0.47})$ |
| $H \to WW$ | $1.35^{+0.21}_{-0.19}$ | $^{+0.12}_{-0.12}$ | $^{+0.17}_{-0.15}$ | | $0.28^{+0.64}_{-0.60}$ | $^{+0.58}_{-0.53}$ | $^{+0.28}_{-0.28}$ | | $3.91^{+2.26}_{-2.01}$ | $^{+1.89}_{-1.72}$ | $^{+1.24}_{-1.05}$ | | $0.96^{+1.81}_{-1.46}$ | $^{+1.74}_{-1.44}$ | $^{+0.50}_{-0.22}$ | | $1.60^{+0.65}_{-0.59}$ | $^{+0.40}_{-0.39}$ | $^{+0.52}_{-0.45}$ |
| | | $(^{+0.17}_{-0.16})$ | $(^{+0.10}_{-0.10})$ | $(^{+0.13}_{-0.12})$ | | $(^{+0.62}_{-0.58})$ | $(^{+0.57}_{-0.53})$ | $(^{+0.26}_{-0.25})$ | | $(^{+1.47}_{-1.19})$ | $(^{+1.32}_{-1.06})$ | $(^{+0.64}_{-0.54})$ | | $(^{+1.67}_{-1.37})$ | $(^{+1.61}_{-1.35})$ | $(^{+0.45}_{-0.20})$ | | $(^{+0.56}_{-0.53})$ | $(^{+0.38}_{-0.38})$ | $(^{+0.41}_{-0.37})$ |
| $H \to ZZ$ | $1.22^{+0.23}_{-0.21}$ | $^{+0.20}_{-0.19}$ | $^{+0.12}_{-0.10}$ | | $-0.09^{+1.02}_{-0.76}$ | $^{+1.00}_{-0.72}$ | $^{+0.21}_{-0.22}$ | | $0.00^{+2.33}_{+0.00}$ | $^{+2.31}_{-0.00}$ | $^{+0.30}_{-0.00}$ | | $0.00^{+4.26}_{+0.00}$ | $^{+4.19}_{-0.00}$ | $^{+0.80}_{-0.00}$ | | $0.00^{+1.50}_{+0.00}$ | $^{+1.47}_{-0.00}$ | $^{+0.30}_{-0.00}$ |
| | | $(^{+0.22}_{-0.20})$ | $(^{+0.20}_{-0.19})$ | $(^{+0.10}_{-0.07})$ | | $(^{+1.27}_{-0.99})$ | $(^{+1.25}_{-0.97})$ | $(^{+0.23}_{-0.21})$ | | $(^{+4.46}_{-0.99})$ | $(^{+4.42}_{-0.99})$ | $(^{+0.57}_{-0.00})$ | | $(^{+7.57}_{-1.00})$ | $(^{+7.45}_{-1.00})$ | $(^{+1.33}_{-0.00})$ | | $(^{+2.95}_{-0.99})$ | $(^{+2.89}_{-0.99})$ | $(^{+0.59}_{-0.00})$ |
| $H \to \gamma\gamma$ | $1.16^{+0.21}_{-0.18}$ | $^{+0.17}_{-0.15}$ | $^{+0.13}_{-0.10}$ | | $0.67^{+0.59}_{-0.46}$ | $^{+0.49}_{-0.42}$ | $^{+0.32}_{-0.18}$ | | $3.76^{+1.48}_{-1.35}$ | $^{+1.45}_{-1.33}$ | $^{+0.33}_{-0.24}$ | | $0.00^{+1.14}_{+0.00}$ | $^{+1.14}_{-0.00}$ | $^{+0.09}_{-0.00}$ | | $2.18^{+0.88}_{-0.75}$ | $^{+0.82}_{-0.74}$ | $^{+0.32}_{-0.14}$ |
| | | $(^{+0.17}_{-0.16})$ | $(^{+0.14}_{-0.14})$ | $(^{+0.11}_{-0.08})$ | | $(^{+0.59}_{-0.48})$ | $(^{+0.48}_{-0.43})$ | $(^{+0.34}_{-0.21})$ | | $(^{+1.28}_{-1.16})$ | $(^{+1.27}_{-1.16})$ | $(^{+0.13}_{-0.06})$ | | $(^{+2.51}_{-1.04})$ | $(^{+2.50}_{-1.04})$ | $(^{+0.25}_{-0.00})$ | | $(^{+0.74}_{-0.63})$ | $(^{+0.72}_{-0.63})$ | $(^{+0.16}_{-0.06})$ |
| $H \to \mu\mu$ | $0.31^{+1.80}_{-1.79}$ | $^{+1.79}_{-1.78}$ | $^{+0.19}_{-0.19}$ | | $2.72^{+7.12}_{-7.03}$ | $^{+7.12}_{-7.04}$ | $^{+0.26}_{-0.00}$ | | — | | | | — | | | | — | | |
| | | $(^{+1.69}_{-1.65})$ | $(^{+1.67}_{-1.67})$ | $(^{+0.28}_{-0.00})$ | | $(^{+7.02}_{-6.94})$ | $(^{+7.01}_{-6.93})$ | $(^{+0.38}_{-0.50})$ | | — | | | | — | | | | — | |