

## Parameter fit

 $\mu_{\text{ggH}}$  $\mu_{\text{qqH}}$ 

Expected

Observed

Expected

Observed

 $f_{a3}^{\text{ggH}}$  $1.00^{+0.28}_{-0.24}$  $0.99^{+0.27}_{-0.24}$  $1.00^{+0.20}_{-0.20}$  $0.91^{+0.20}_{-0.20}$  $f_{a3}$  $1.00^{+0.29}_{-0.24}$  $1.02^{+0.26}_{-0.23}$  $1.00^{+0.20}_{-0.20}$  $0.83^{+0.20}_{-0.19}$  $f_{a2}$  $1.00^{+0.29}_{-0.24}$  $1.00^{+0.26}_{-0.26}$  $1.00^{+0.27}_{-0.20}$  $0.98^{+0.20}_{-0.22}$  $f_{\Lambda 1}$  $1.00^{+0.29}_{-0.25}$  $0.83^{+0.26}_{-0.24}$  $1.00^{+0.24}_{-0.22}$  $1.18^{+0.24}_{-0.22}$  $f_{\Lambda 1}^{\text{Z}\gamma}$  $1.00^{+0.28}_{-0.24}$  $1.09^{+0.19}_{-0.30}$  $1.00^{+0.23}_{-0.20}$  $1.13^{+0.21}_{-0.07}$