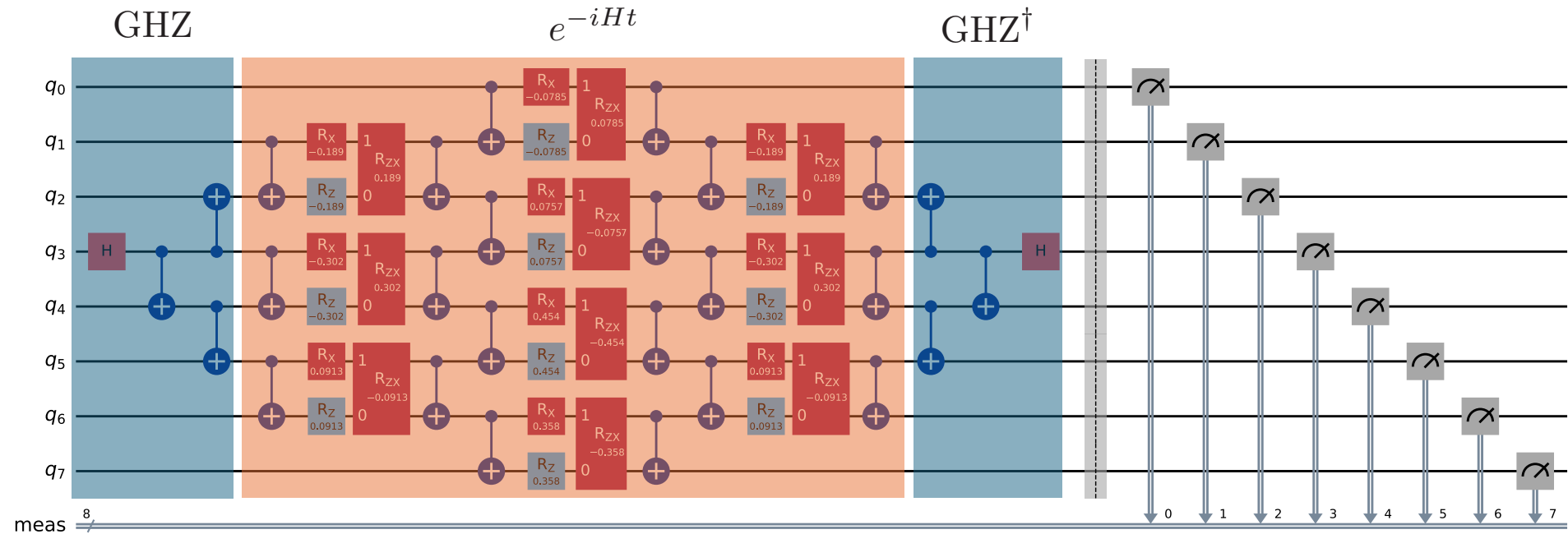# Counting 2-qubit gates

$$\frac{n}{2} - 1$$

$$2nn_{\text{step}} + n - 2n_{\text{step}} - 2$$

$$\frac{n}{2} - 1$$

$$2\left\{(n-1)(n_{\text{step}} + 1) - 1\right\}$$