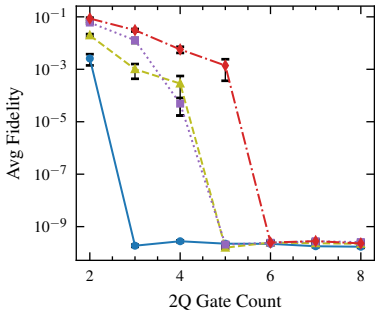


Decomp Infidelity



$$\sqrt{2}i\text{Swap}$$
$$\sqrt[3]{i\text{Swap}}$$



$$\sqrt[4]{i\text{Swap}}$$
$$\sqrt[5]{i\text{Swap}}$$