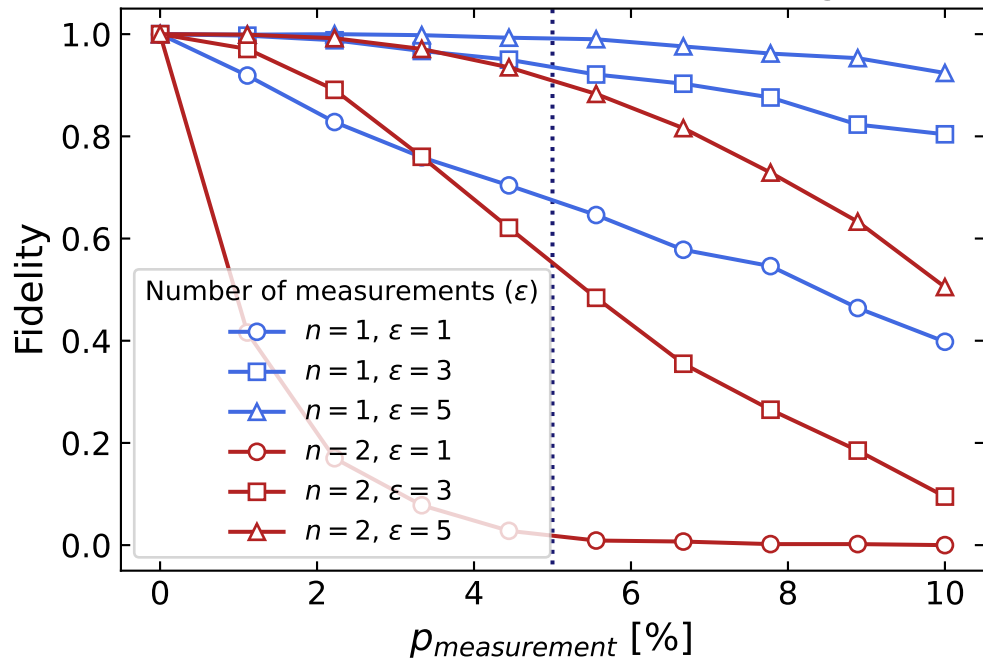**Perfect gates (a)**

Imperfect gates (b)

Number of measurements (ε)
- $n = 1, \varepsilon = 1$
- $n = 1, \varepsilon = 3$
- $n = 1, \varepsilon = 5$
- $n = 2, \varepsilon = 1$
- $n = 2, \varepsilon = 3$
- $n = 2, \varepsilon = 5$

Number of measurements (ε)
- $n = 1, \varepsilon = 1$
- $n = 1, \varepsilon = 5$
- $n = 2, \varepsilon = 1$
- $n = 2, \varepsilon = 5$

Fidelity

$p_{measurement}$ [%]

p_{gates} [%]