Limited-adaptive protocol

for n = 1 to N:

$t_n = 2^{N-n}$

choose ϑ_n^{ctrl}

$M_n = G + F(n-1)$

for m=1 to M_n:

μ = **Ramsey** ($\vartheta = \vartheta_n^{ctrl}, \tau = t_n \tau_{min}$)

Bayesian_update(res = μ, $\vartheta = \vartheta_n^{ctrl}$, $\tau = t_n \tau_{min}$)

Non-adaptive protocol

for n = 1 to N:

$t_n = 2^{N-n}$

$M_n = G + F(n-1)$

for m=1 to M_n:

$\vartheta_{n,m} = m\pi/M_n$

μ = **Ramsey** ($\vartheta = \vartheta_{n,m}, \tau = t_n \tau_{min}$)

Bayesian_update(res = μ, $\vartheta = \vartheta_{n,m}$, $\tau = t_n \tau_{min}$)