Forward Error $\lambda = 2\sigma_{\max}(A)$, $\varepsilon_1^{\mathrm{abs}} = \varepsilon_2^{\mathrm{abs}} = 1e{-}10$

- $\|\widetilde{B}^{-1} - B^{-1}\|_2$
- $2\|A^{-1}\|_2^2 \lambda^2 \alpha^2 \varepsilon_1^{\mathrm{abs}}$
- forward error bound
- $\alpha = \frac{1}{2\lambda \varepsilon_1^{\mathrm{abs}}}$