Forward Error $n = 1000$, $k = 1$, $\lambda = 0.4 \cdot \sigma_{\min}(A)$

Legend:
- $\|\widetilde{B}^{-1} - B^{-1}\|_2$
- $4\|A^{-1}\|_2 \left(3\,\varepsilon_1^{\mathrm{rel}} + \varepsilon_2^{\mathrm{rel}}\right)$
- forward error bound
- $\varepsilon_1 = \frac{1}{2\lambda\,\alpha}$

Value vs ε