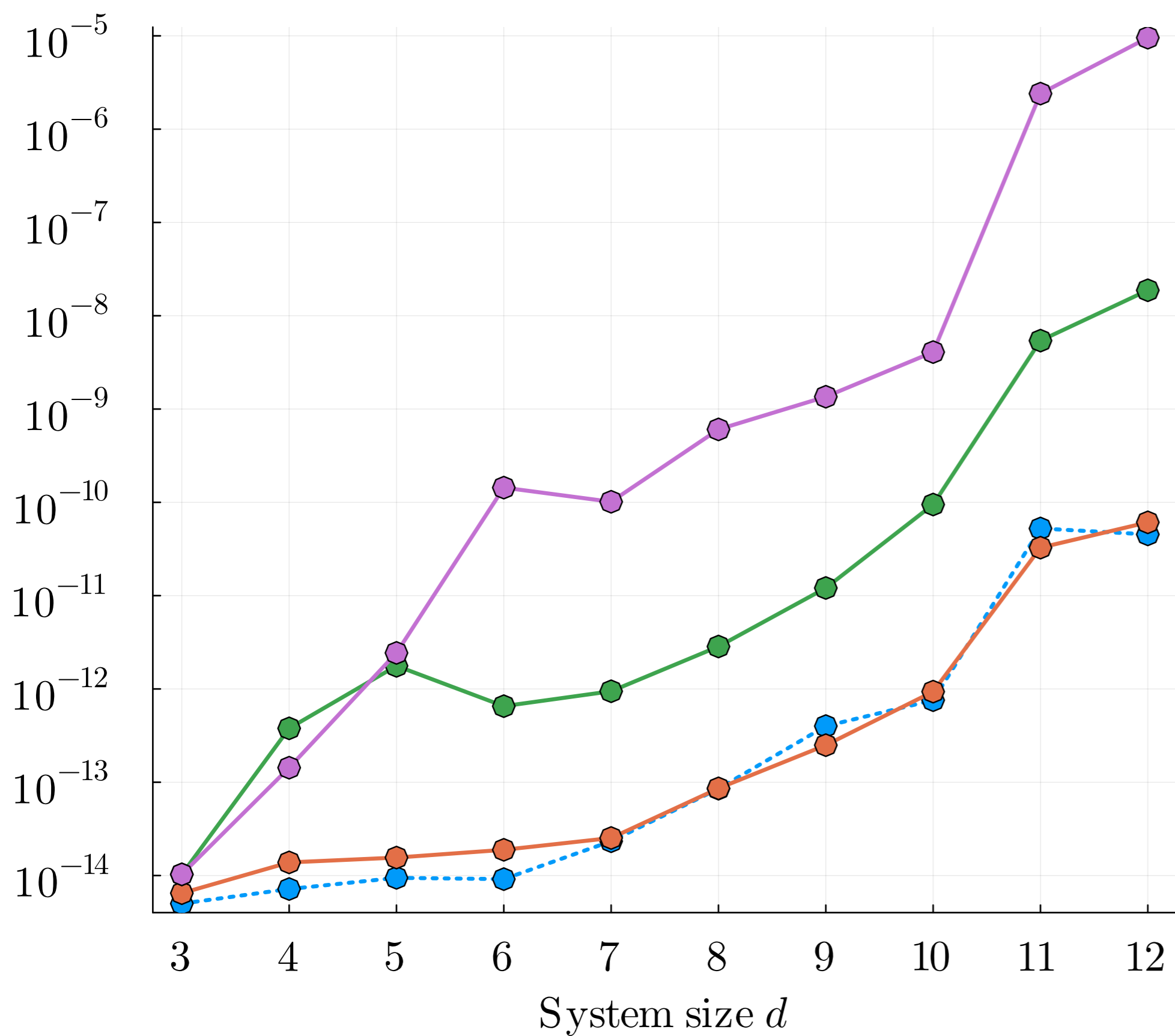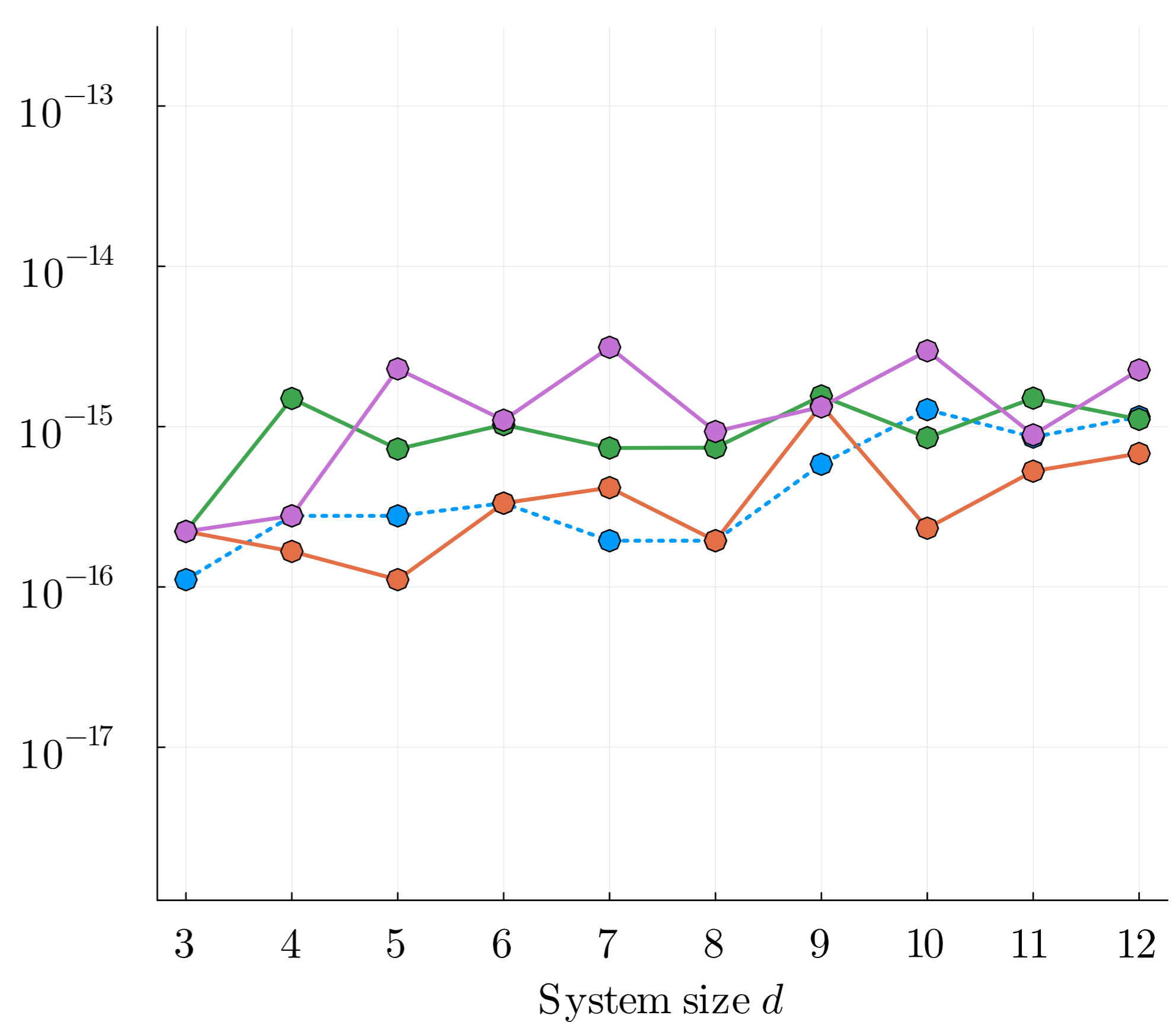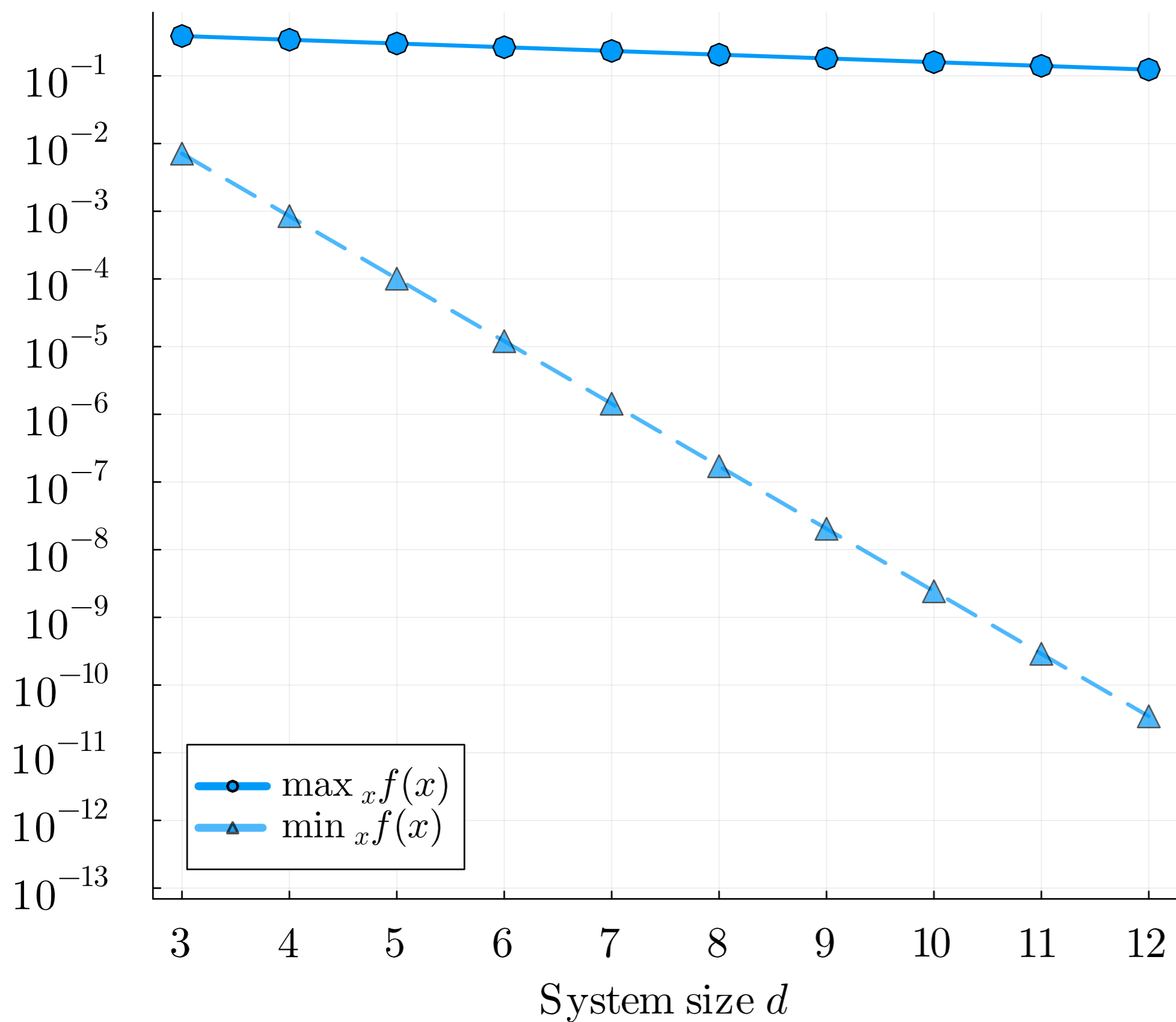(a) Max. Rel. Error $\max_x |(f(x) - f_{\text{ttns}}(x))| / f(x)$

(b) Max. Abs. Error $\max_x |f(x) - f_{\text{ttns}}(x)|$

(c) $f(x)$ Value range

(d) Runtime (s)

$\max_x f(x)$

$\min_x f(x)$

$n_{\text{Sketch}} = 1 \text{ (recursive)}$

$n_{\text{Sketch}} = 1$

$n_{\text{Sketch}} = 2$

$n_{\text{Sketch}} = 3$

System size d