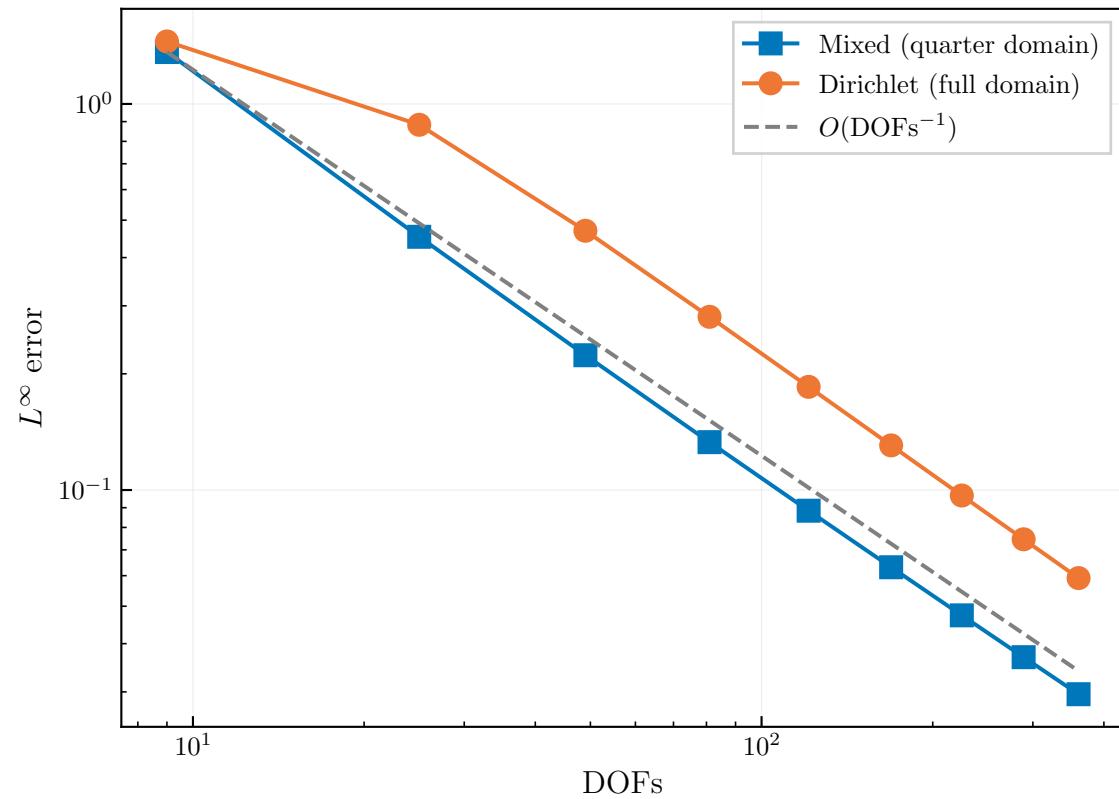Same DOFs: Mixed BC (symmetry) vs Dirichlet ($u = \cos(\pi x)\cos(\pi y)$)

$L^\infty$ Error vs DOFs

$L^\infty$ error

DOFs

- Mixed (quarter domain)
- Dirichlet (full domain)
- $O(\text{DOFs}^{-1})$

$L^2$ Error vs DOFs

$L^2$ error

DOFs

- Mixed (quarter domain)
- Dirichlet (full domain)
- $O(\text{DOFs}^{-1})$