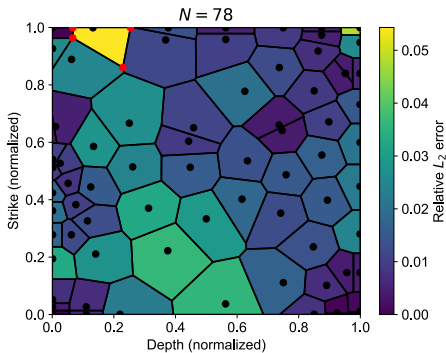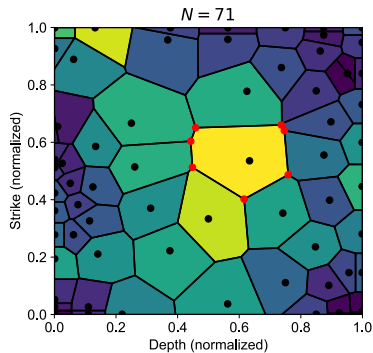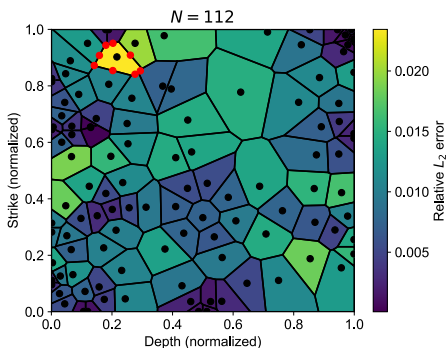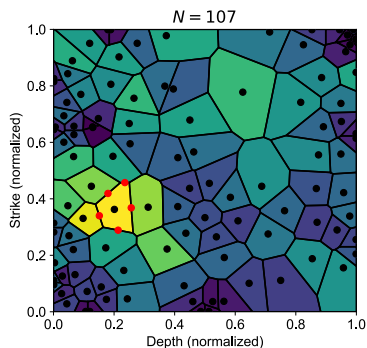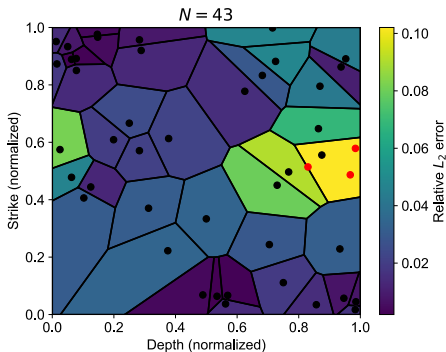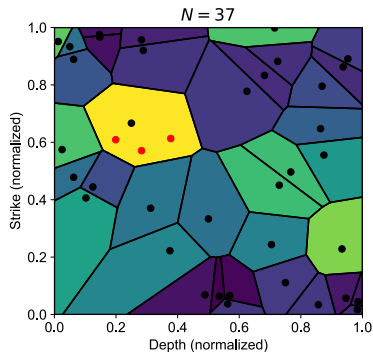# Reduced order shaking

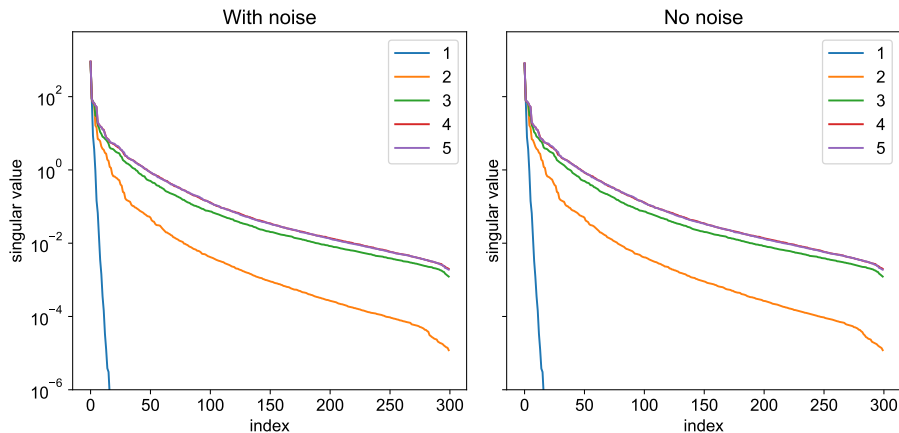John Rekoske

March 17, 2022

Voronoi vertex
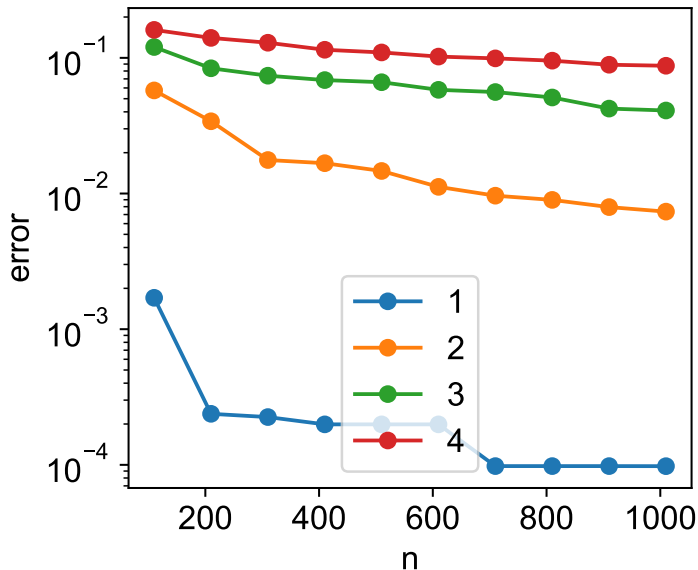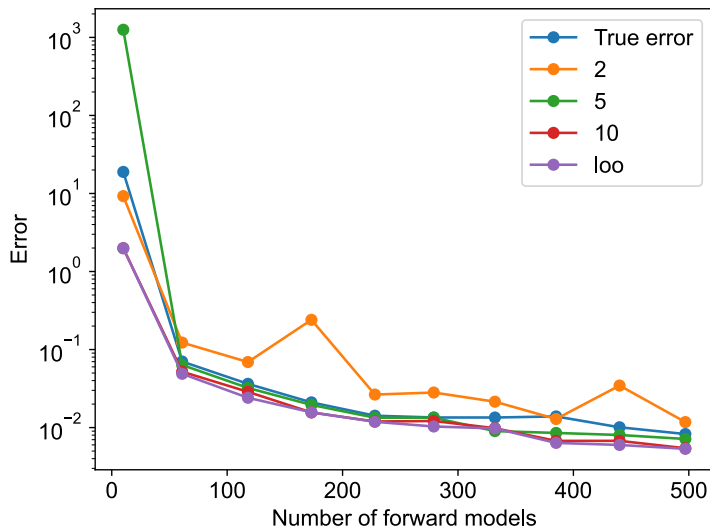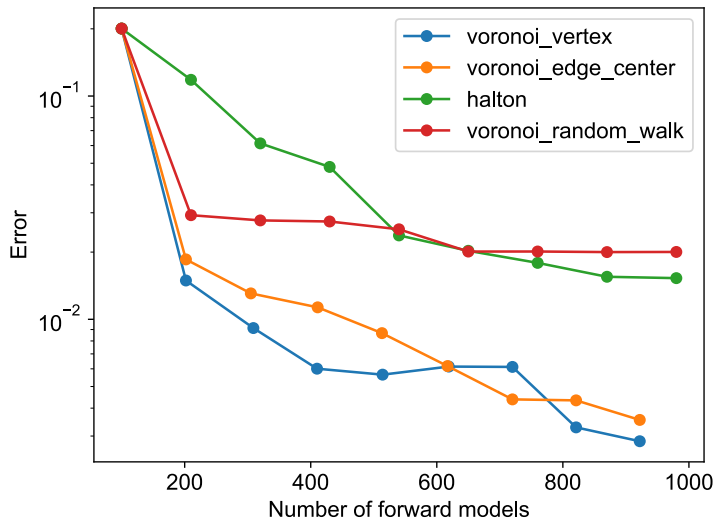
Voronoi edge center
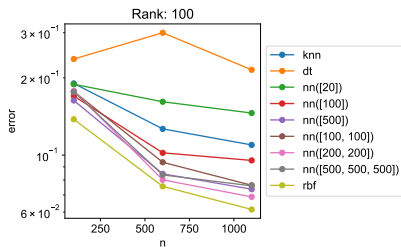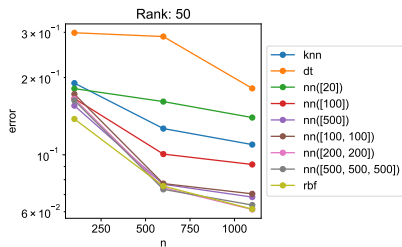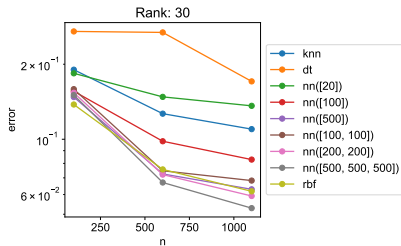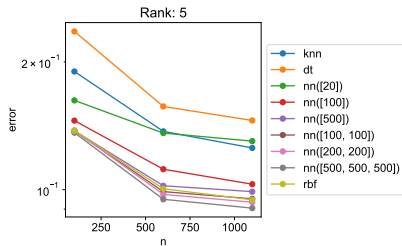
Voronoi random walk (3)
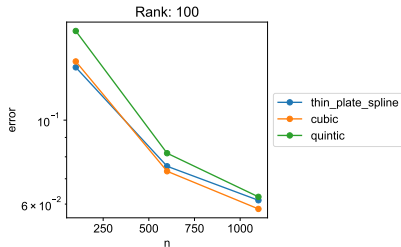
GMPE rank structures

Error scaling with number of dimensions
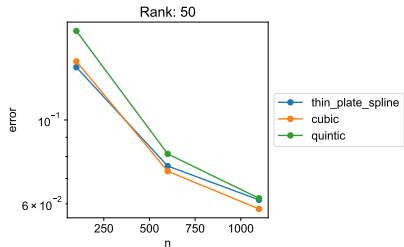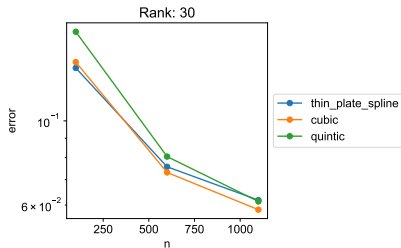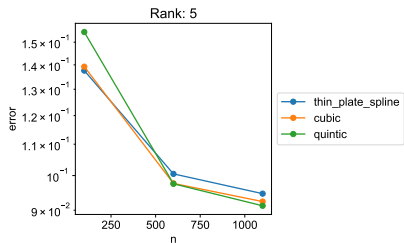
k-fold errors vs. "true" error

Comparing refinement strategies

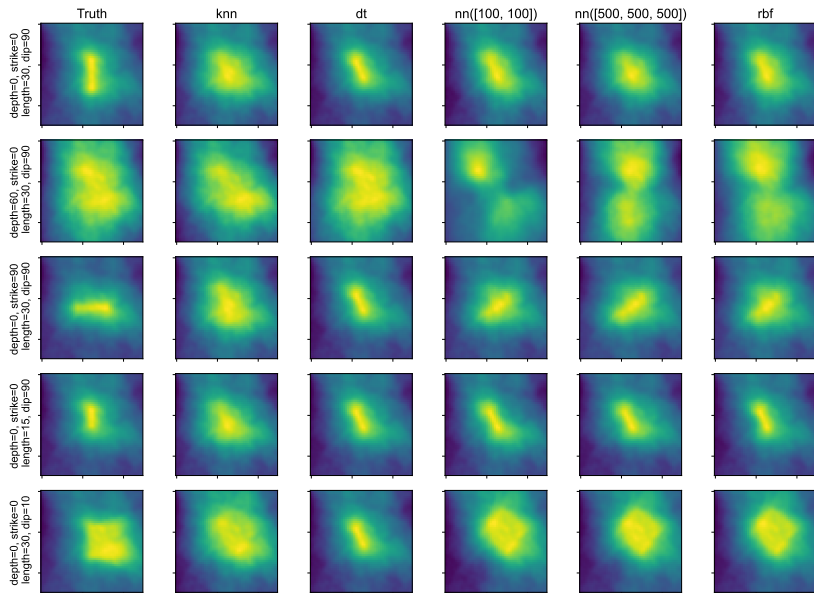# Comparing ML interpolators (varying rank)

Comparing RBF interpolators (varying rank)

Analytic PGV maps (N=100)

Analytic PGV maps (N=3000)