Verification of Scaling Law: $\nu = \xi(\alpha, \kappa)d^{-\kappa}$ when $n = \alpha d^{\kappa}$

$\alpha = 0.5, \kappa = 3, D = 8$

Legend:
- Numerical Solution
- Reference scaling $O(d^{-\kappa})$
- Exact Solution

Axes: d (horizontal), ν (vertical)