Convergence of Simplex Least Squares Problem with n=50,m=5

Left plot: x-axis "Num. Iterations" (0 to 20), y-axis "Value of objective function" (10^{-30} to 10^{-5}).

Right plot: x-axis "Time" (0.000 to 0.010), y-axis "Value of objective function" (10^{-30} to 10^{-5}).

Legend:
- PGD w. line search
- HadRGD-AW
- HadRGD-BB
- HadNewton
- HadGN