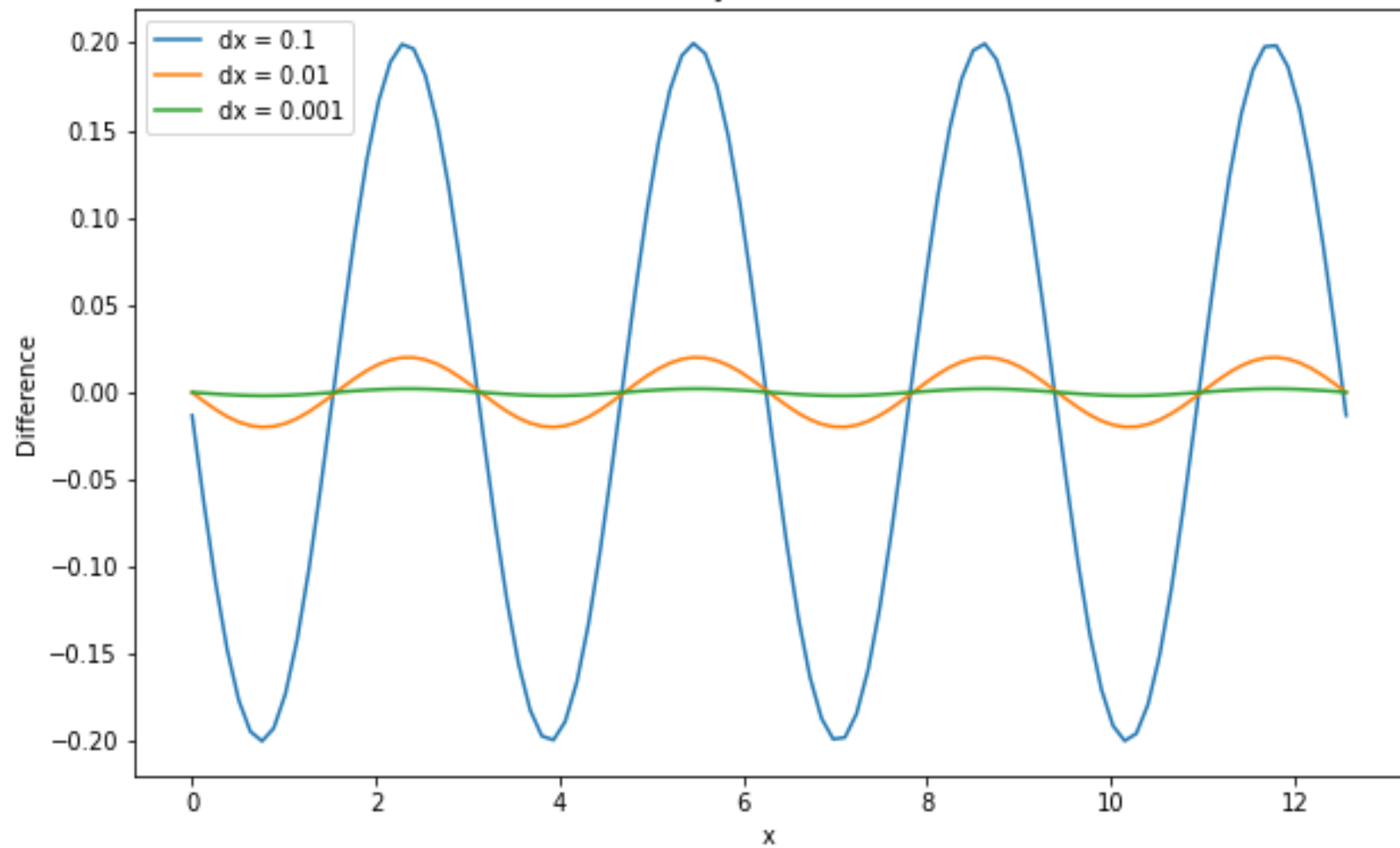
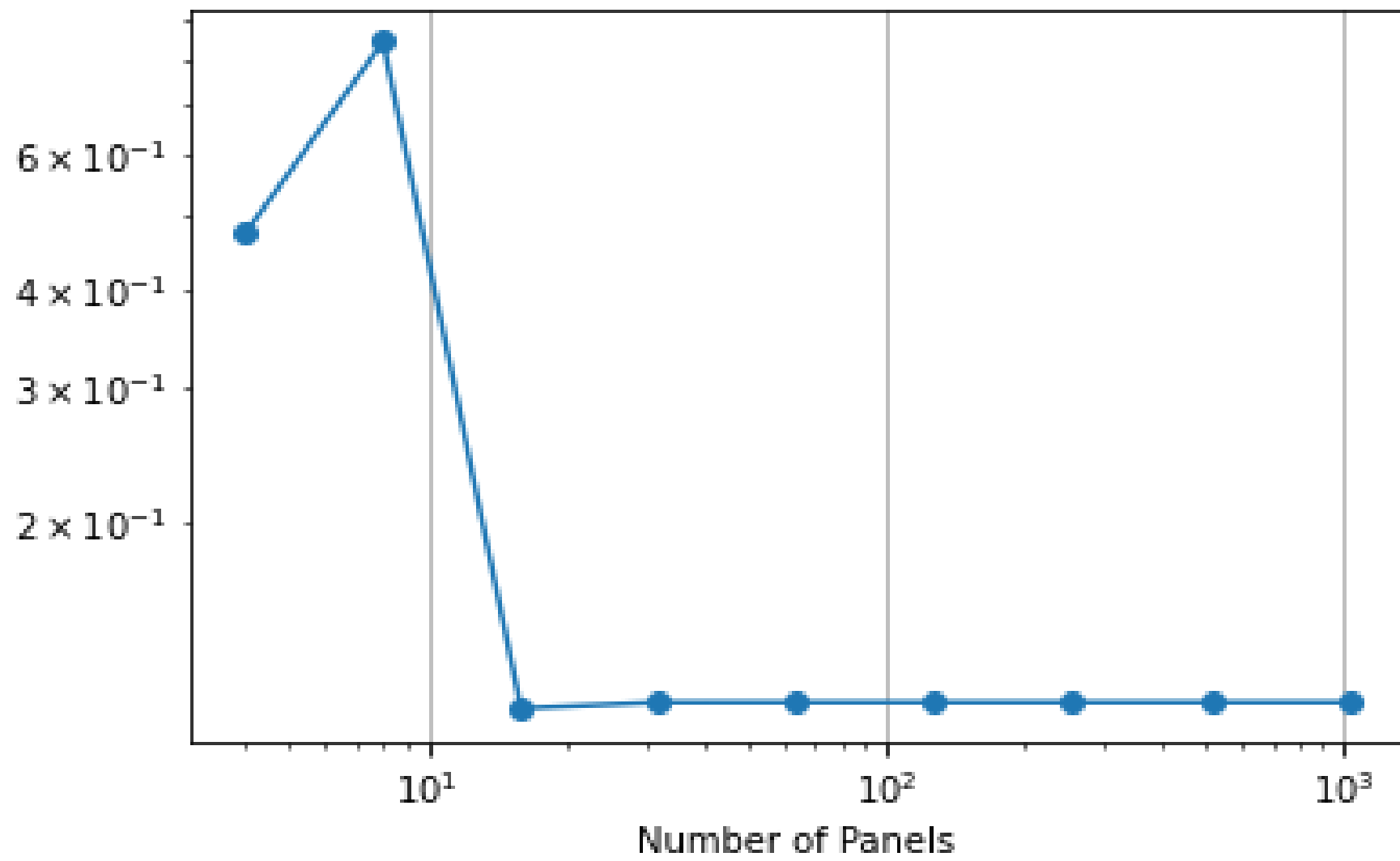


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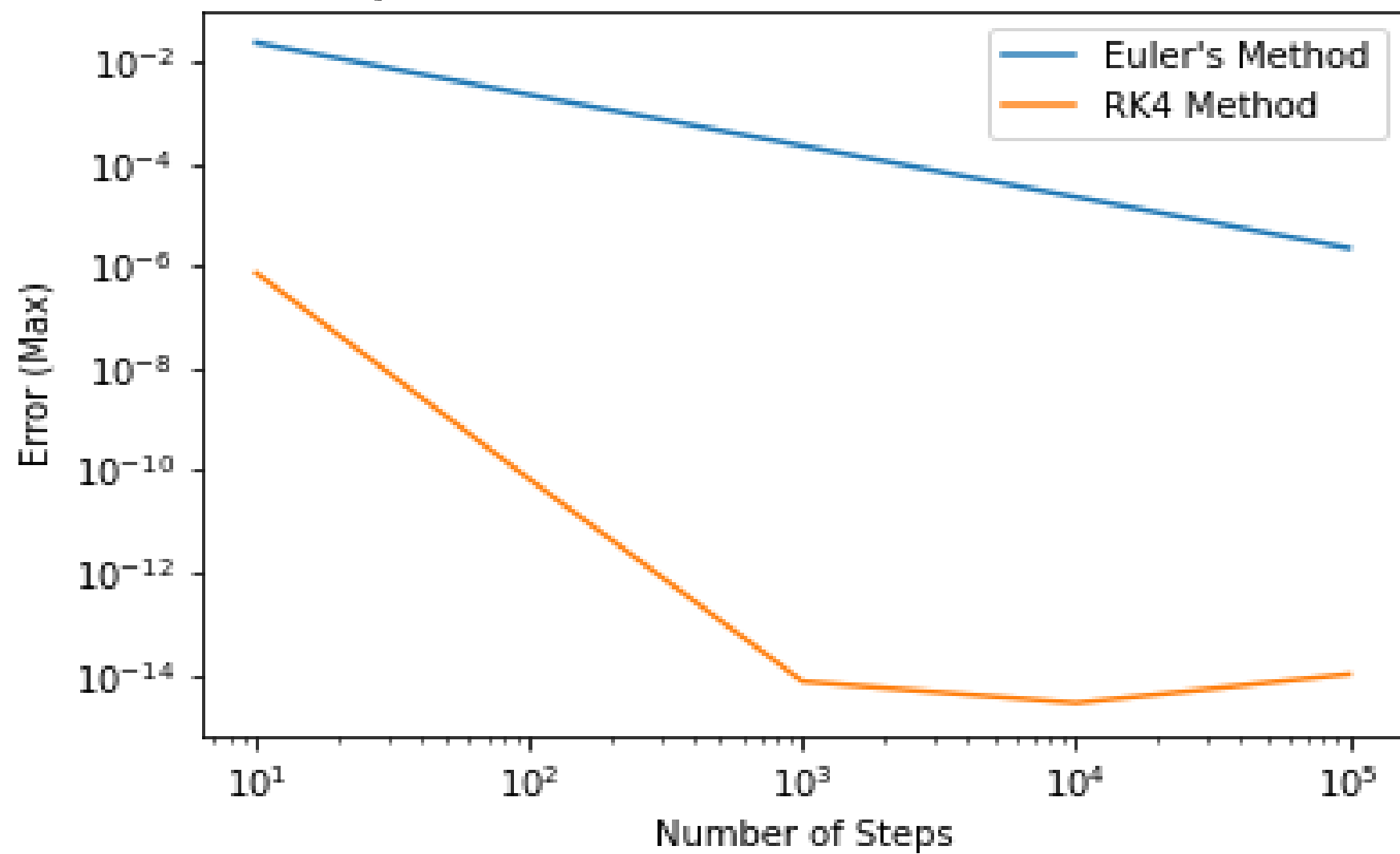
Difference between Analytical and Numerical Derivatives



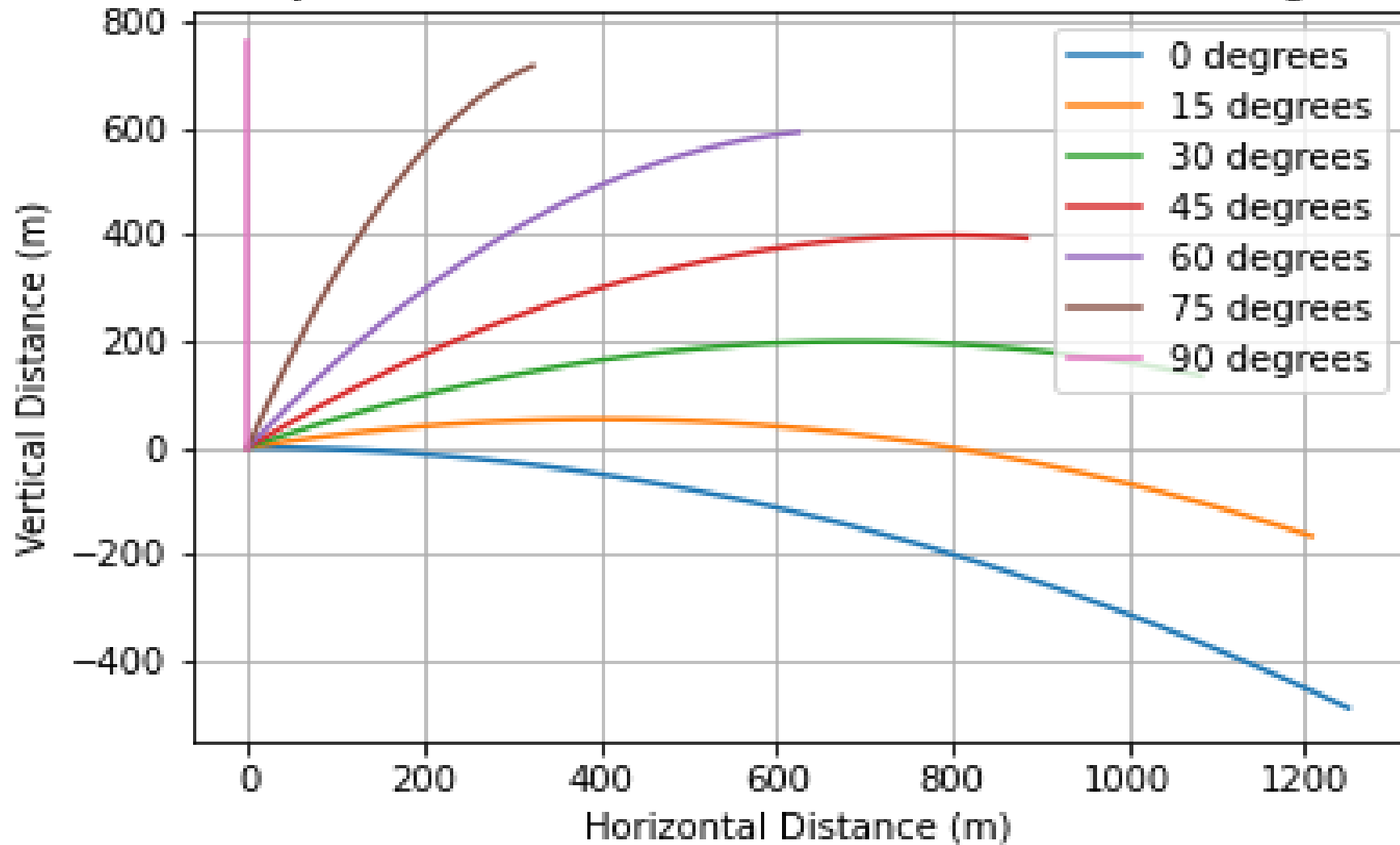
Fractional Error in Numerical Integration Using Simpson's Rule



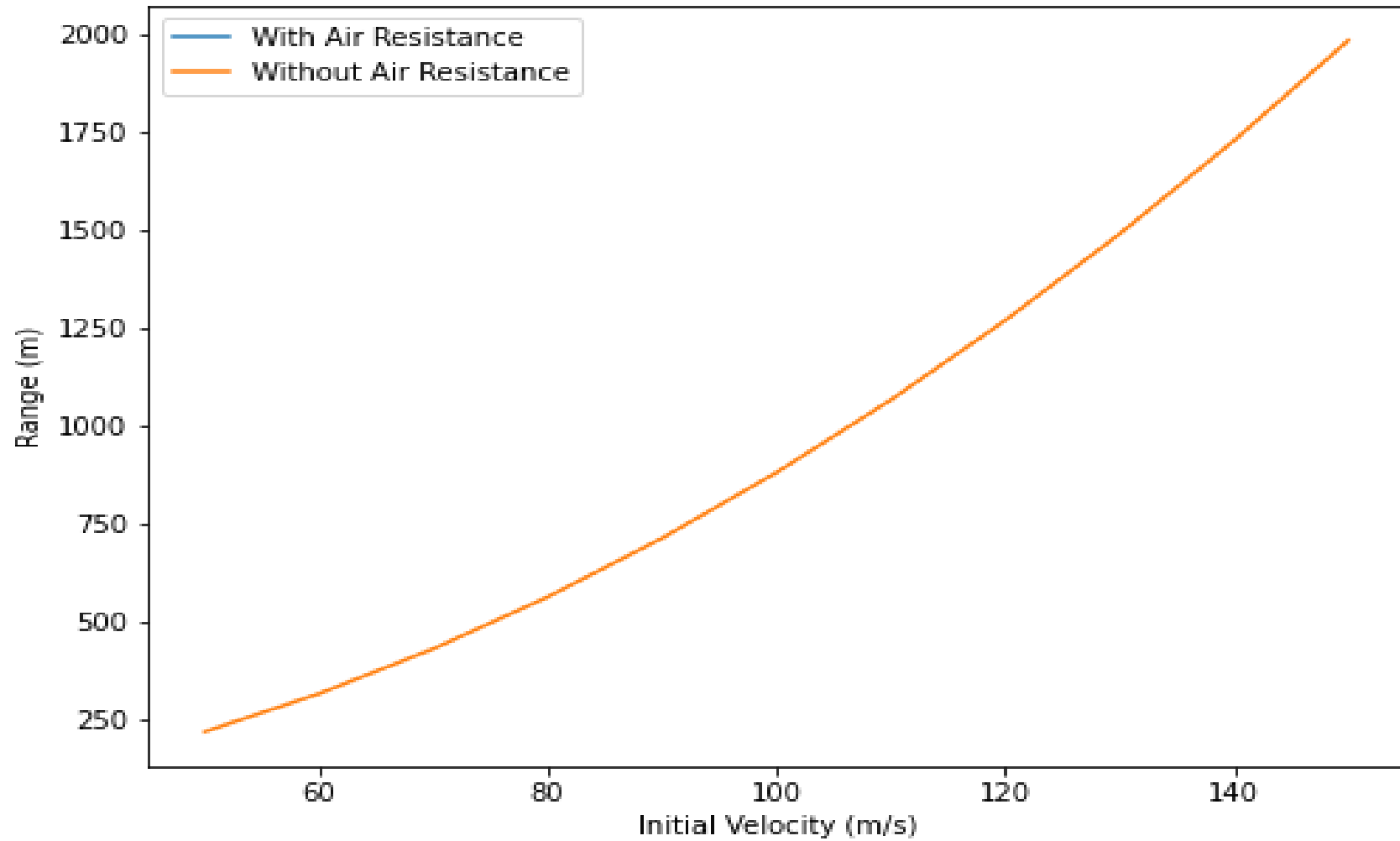
Comparison of Errors in Euler's and RK4 Methods

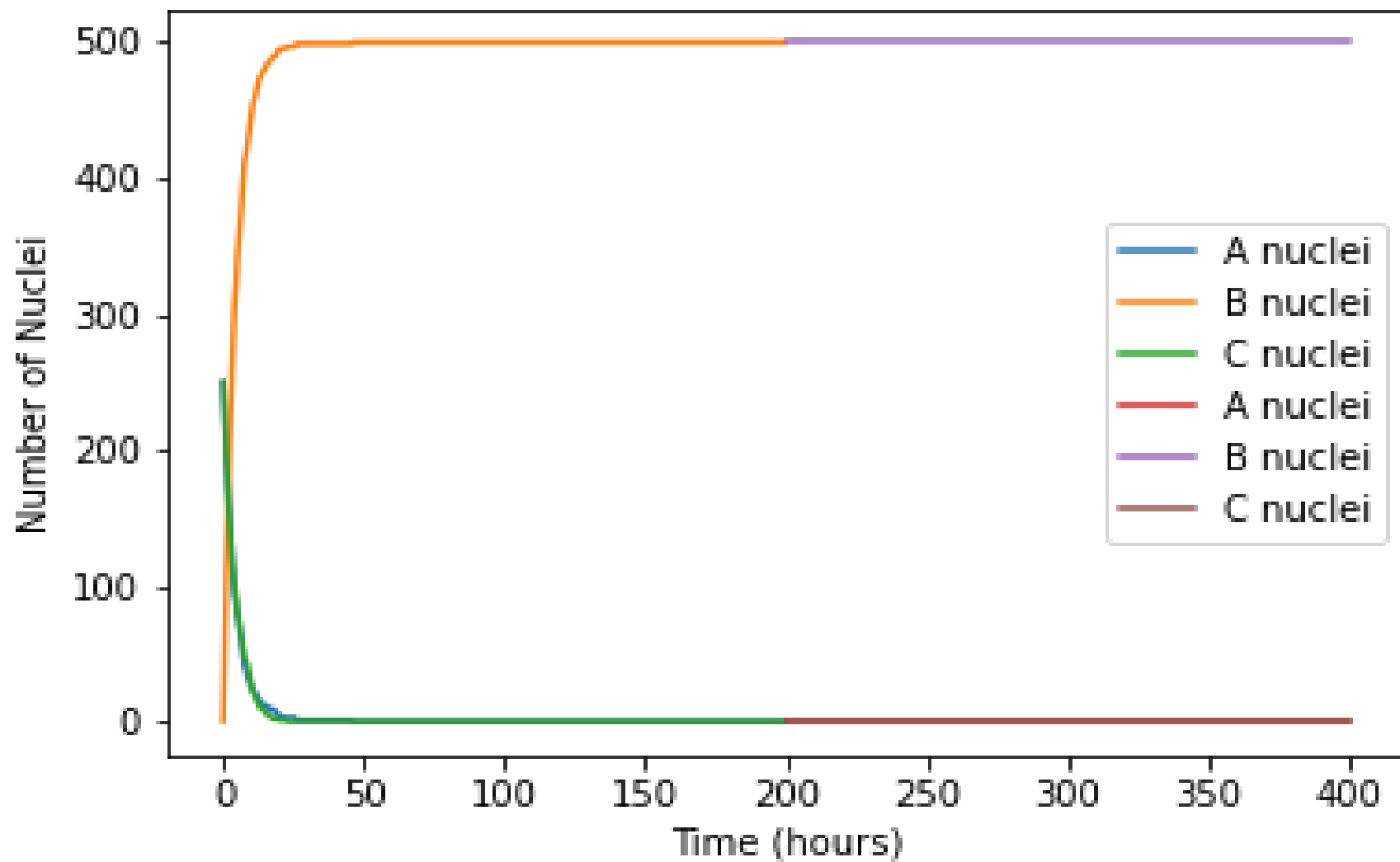


Trajectories of Cannonball for Different Initial Angles

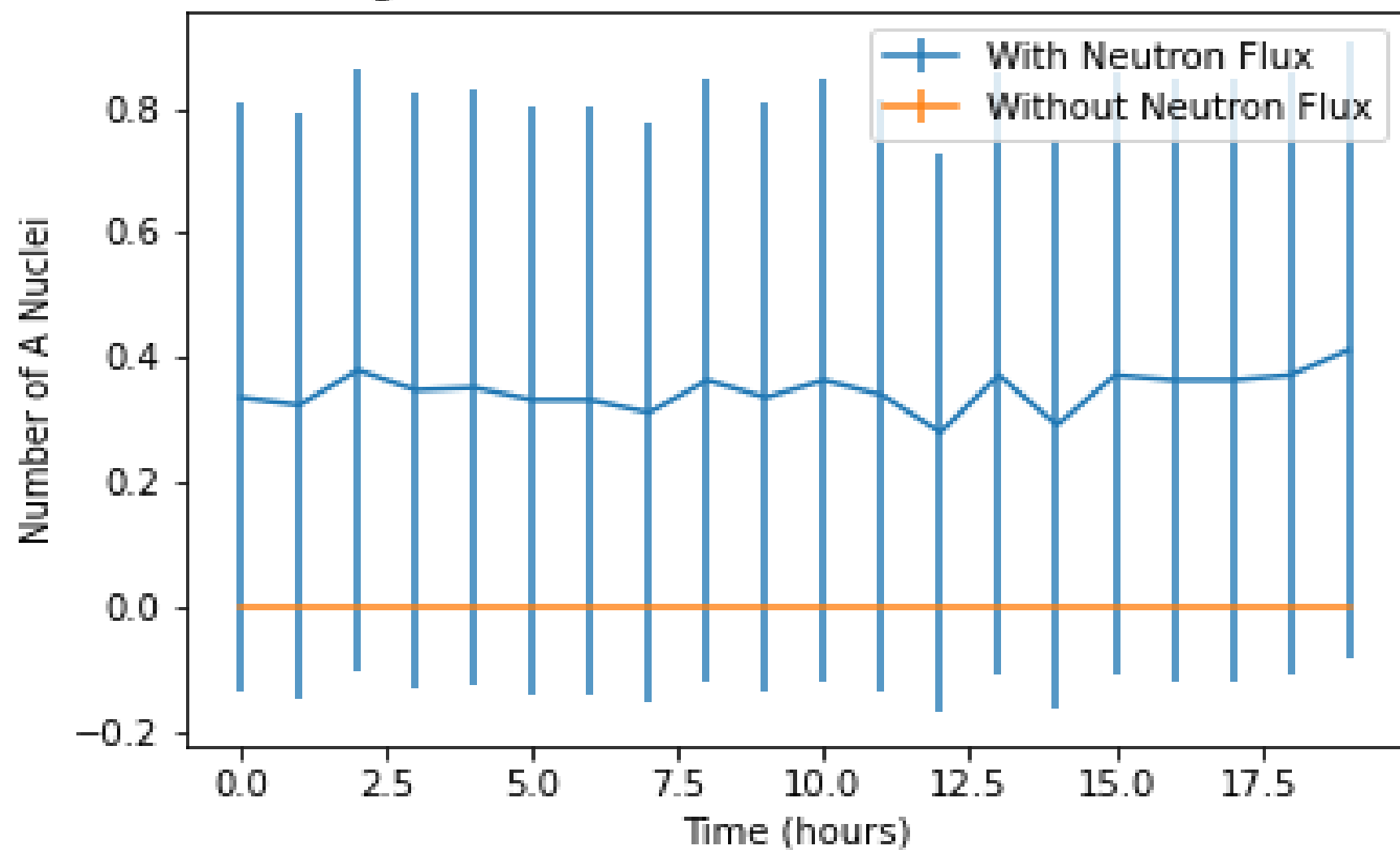


Effect of Initial Velocity on Projectile Range



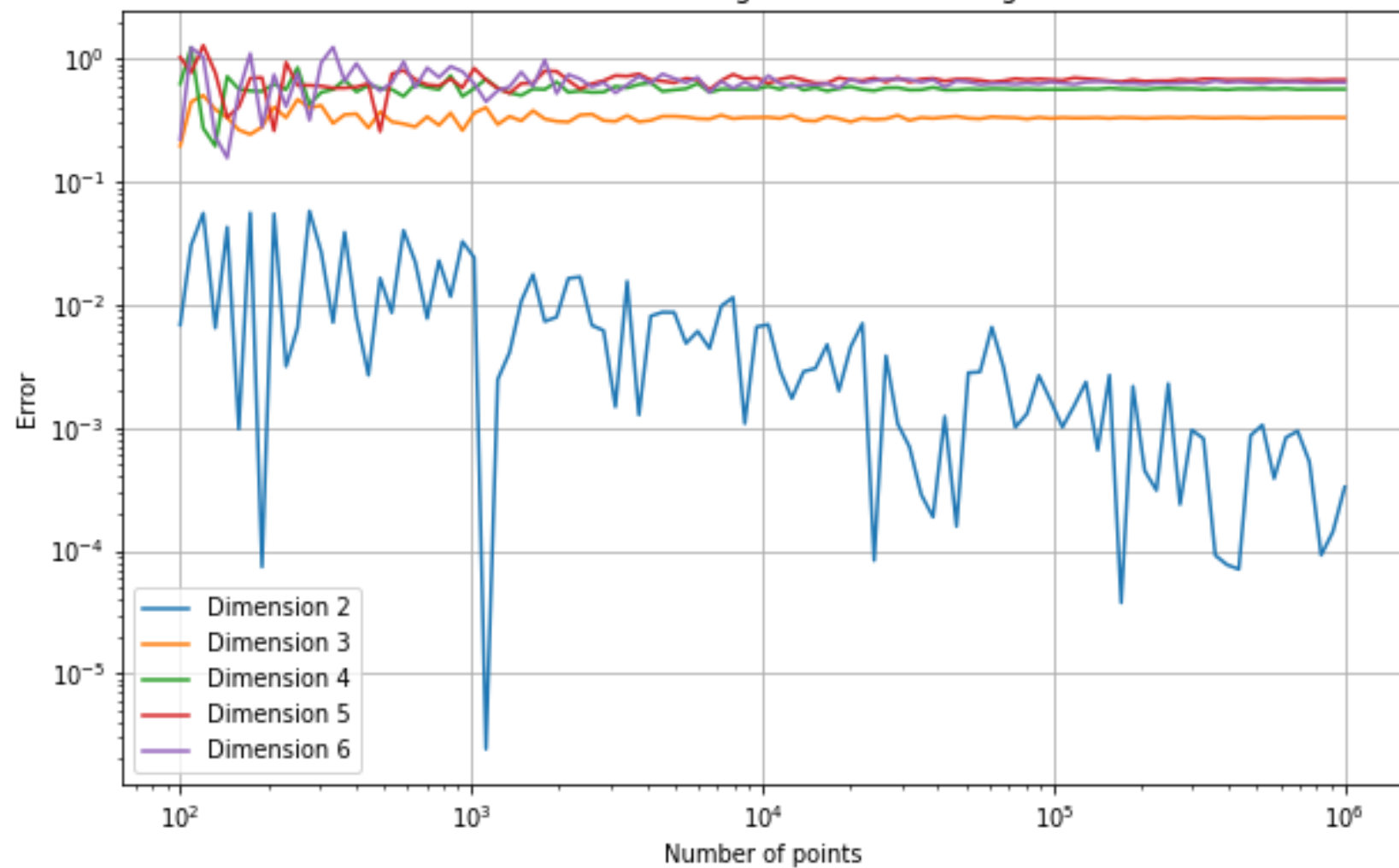


Average Number of A Nuclei as a Function of Time

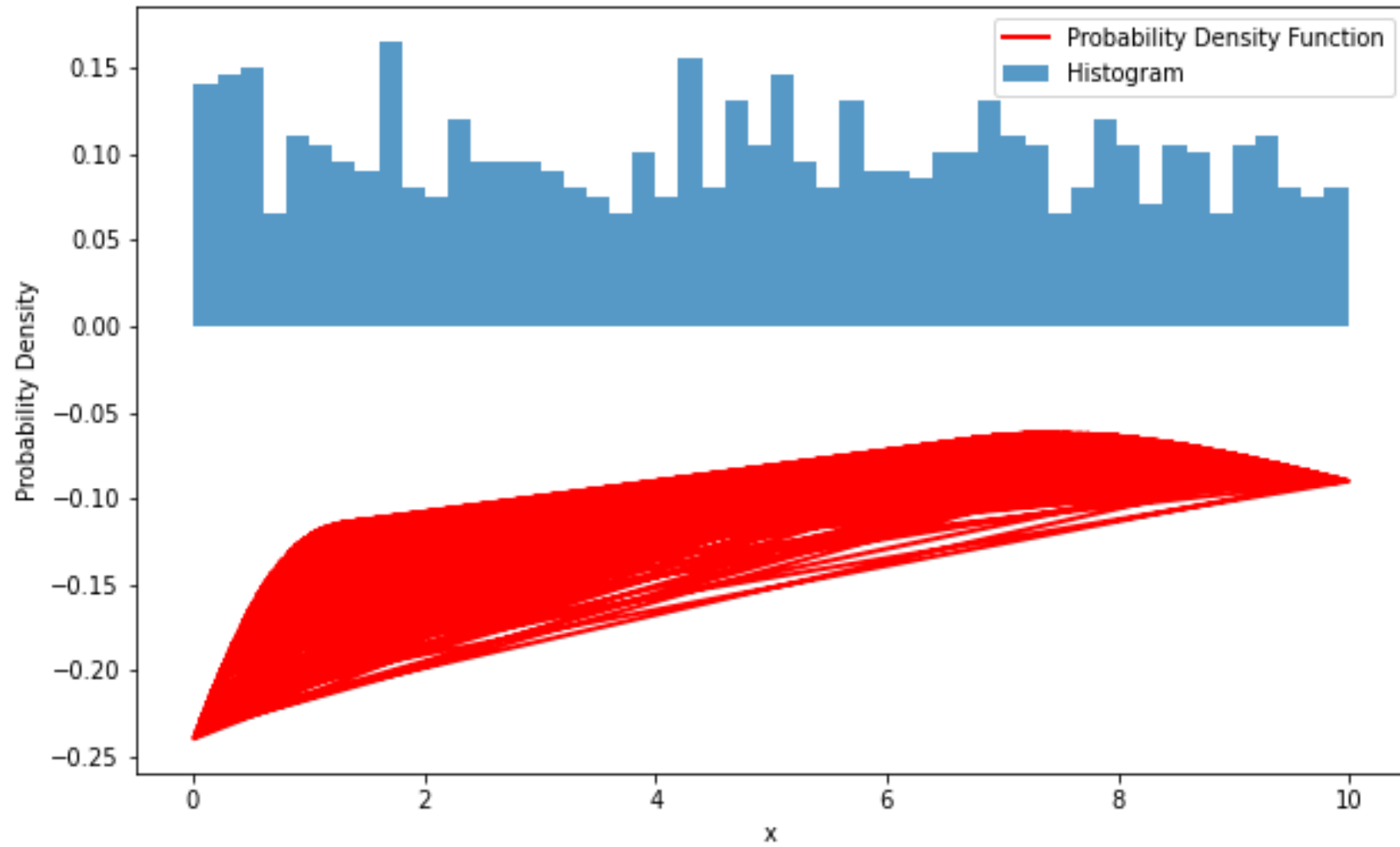




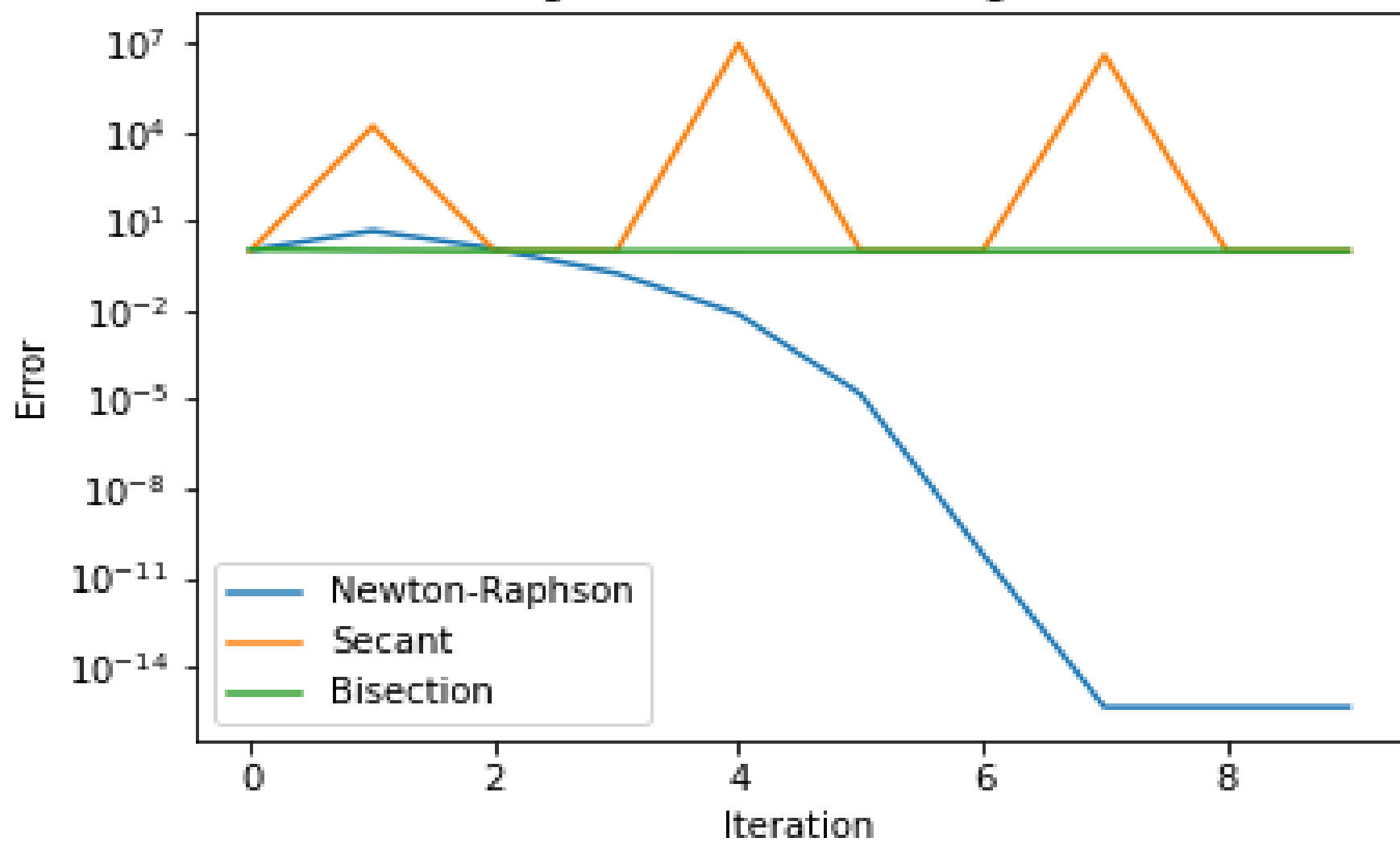
Monte Carlo Integration Error Scaling



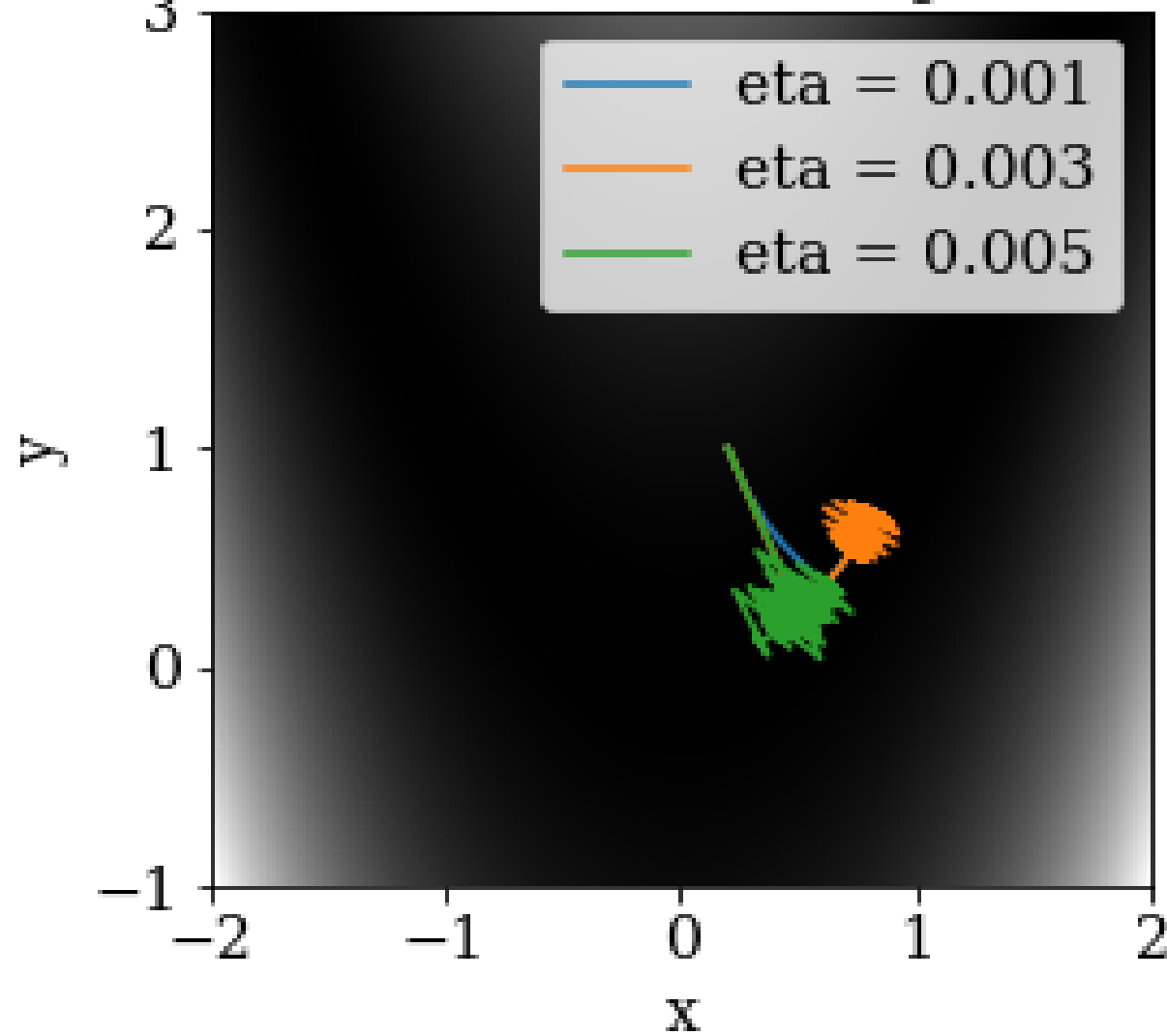
Distribution of Values Generated by genSample



Convergence of Root-Finding Methods



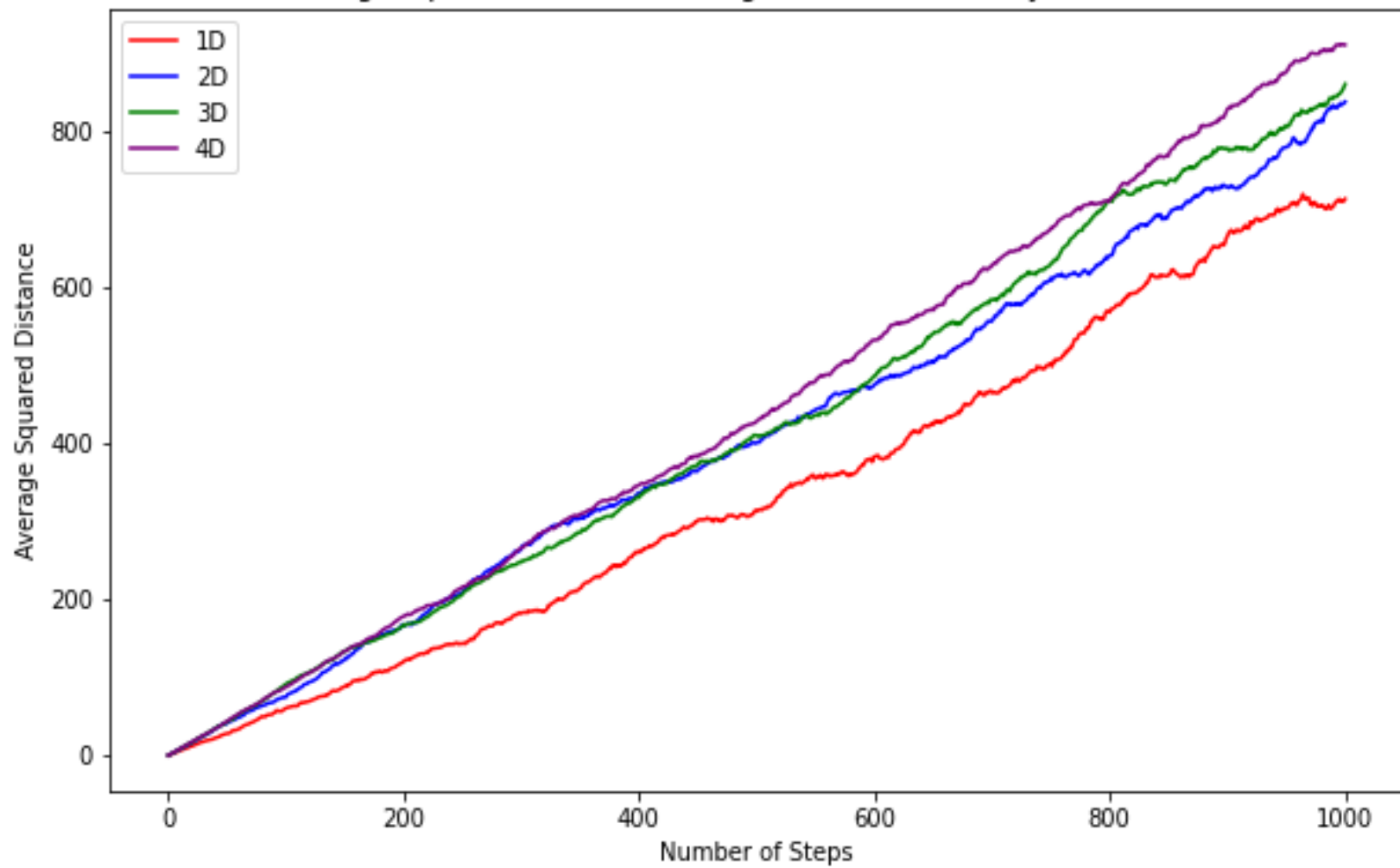
# Gradient Descent Trajectories



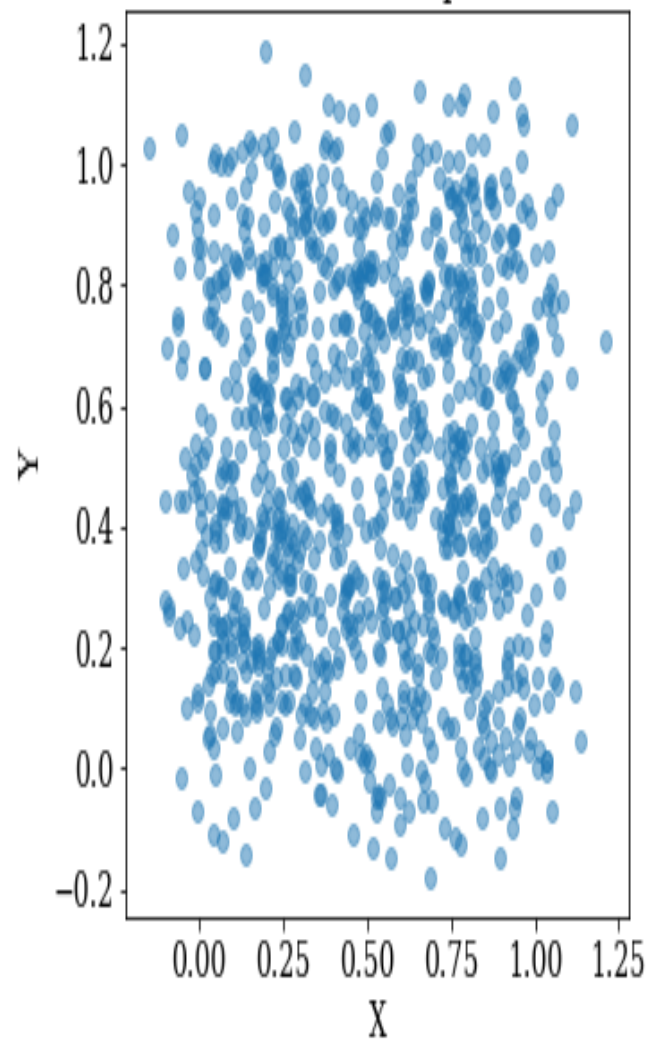
Average Position and Average Squared Position of 100 Walkers



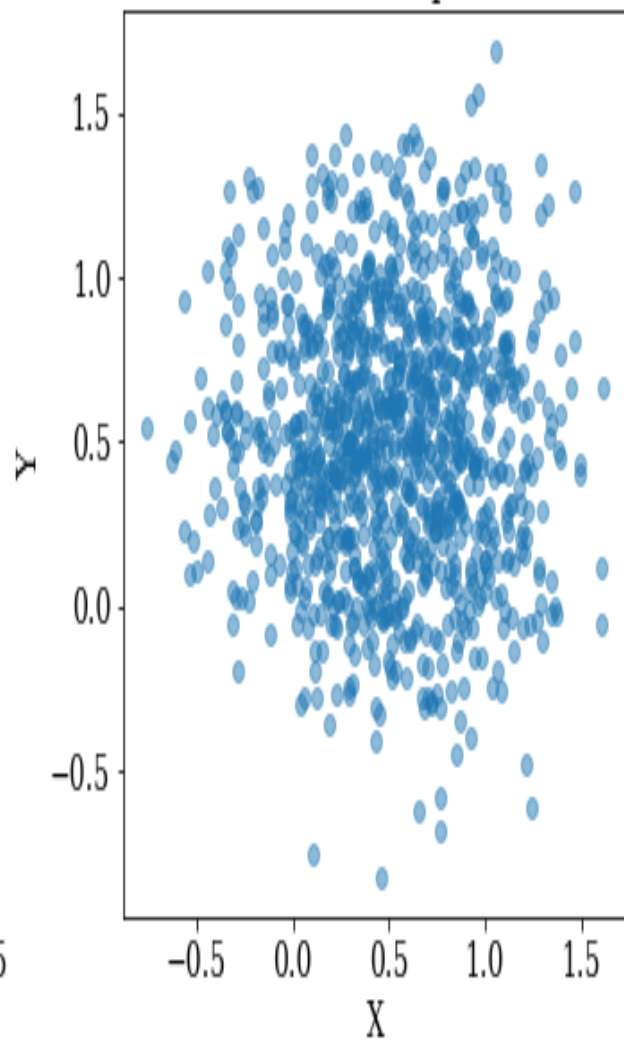
Average Squared Distance Scaling with Dimensionality of Movement



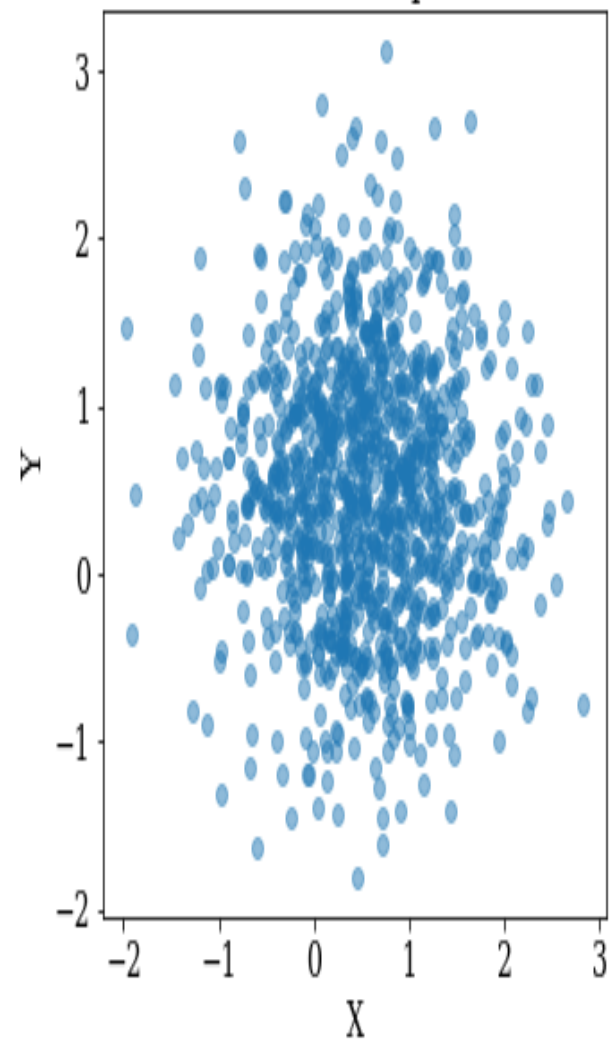
Number of Steps: 10



Number of Steps: 100



Number of Steps: 500



AI?