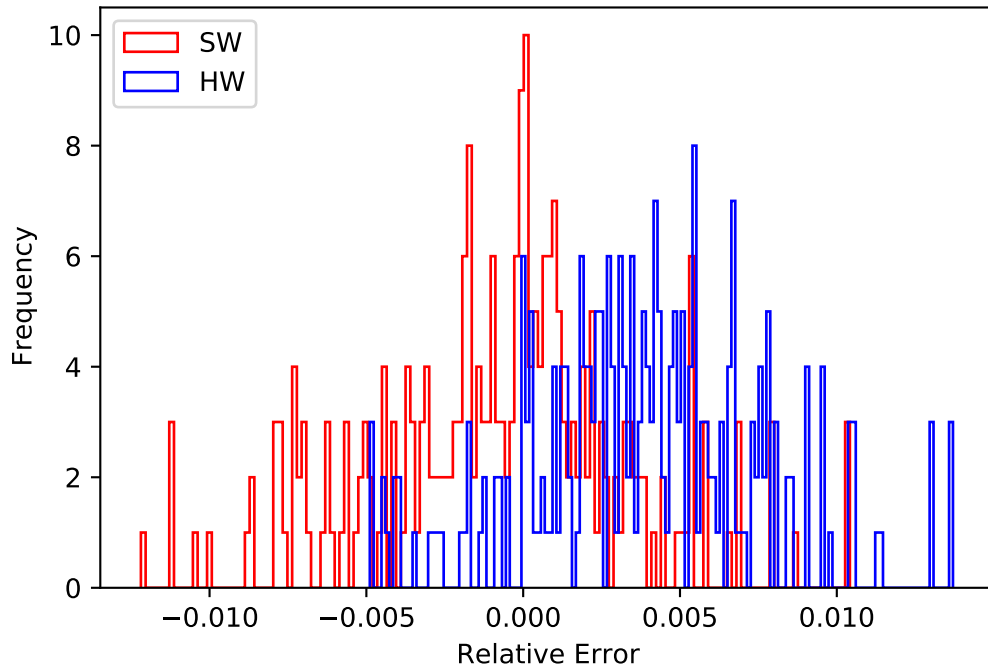Relative Error Distribution of Square Root Computation
(Fixed, WIDTH = 8, NUM_SEG = 8)

SW result, red line
Expectation (Mean): -0.0007531143289606777
Standard Deviation (Sample): 0.004099451908414503
Standard Deviation (Population): 0.004091437332012854
=============================

HW result, blue line
Expectation (Mean): 0.0038610965006193702
Standard Deviation (Sample): 0.0037199727574395557
Standard Deviation (Population): 0.0037127000764708247
=============================