

# Title

## Abstract

### 1. Introduction

### 2. Experimental Measurement Methods

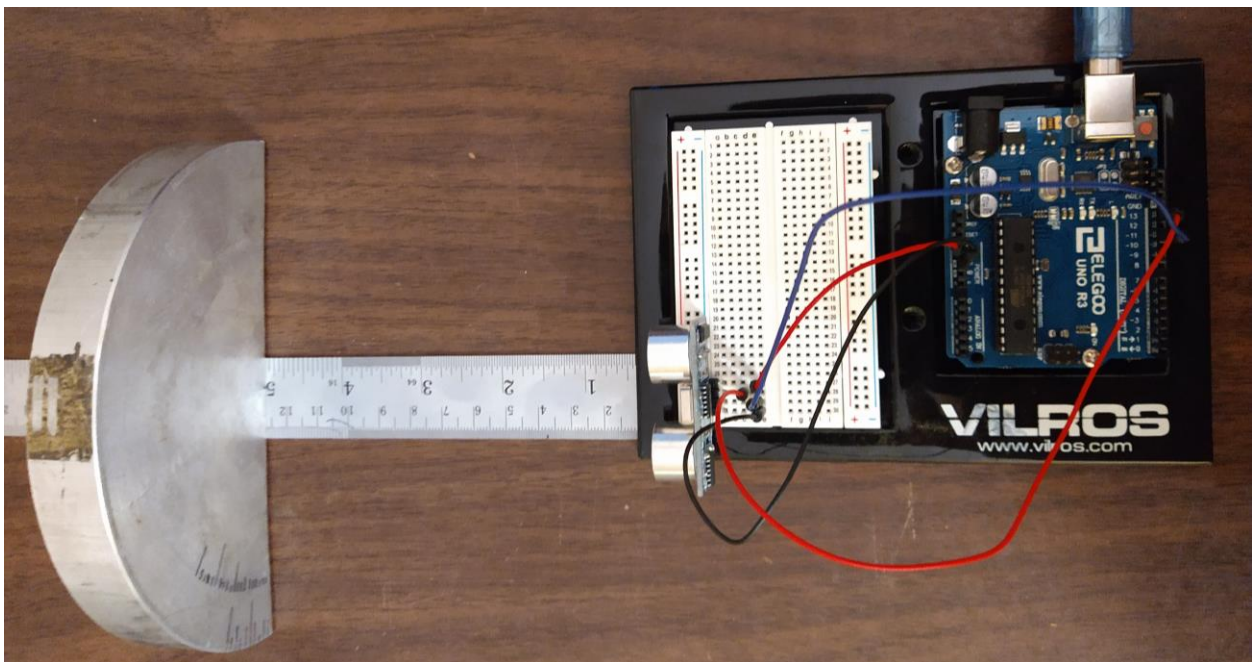


Figure 1. Measurement Setup.

### 3. Results

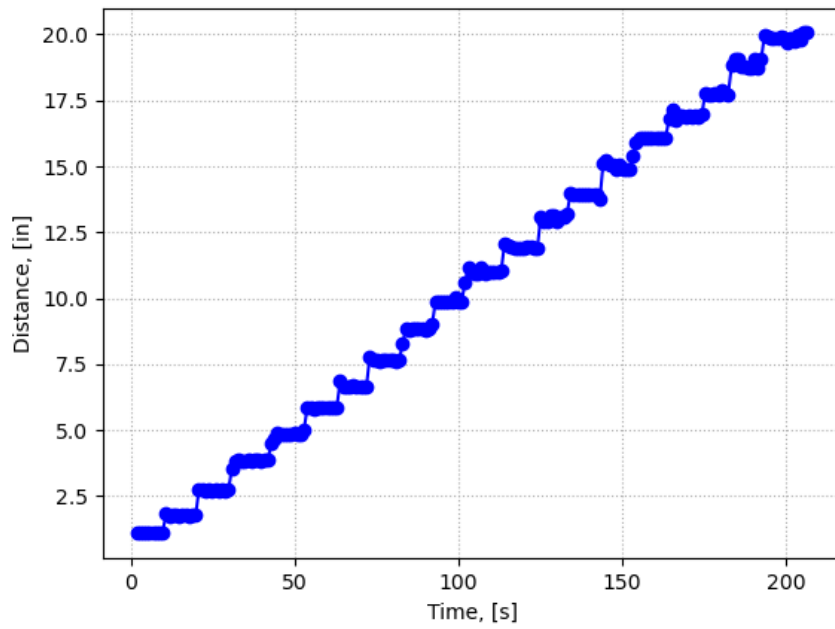


Figure 2. Measurement raw data. Or I can write: “Data was acquired incrementally in steps of 1 inch.”

#### 4. Discussion

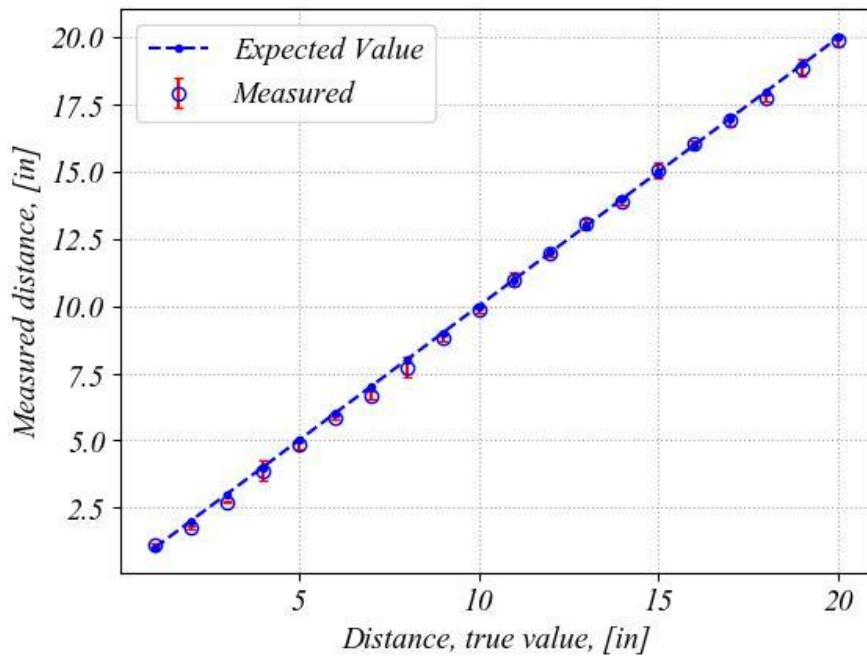


Figure 3. Statistical analysis of acquired data. The error bars represent 95% confidence intervals.

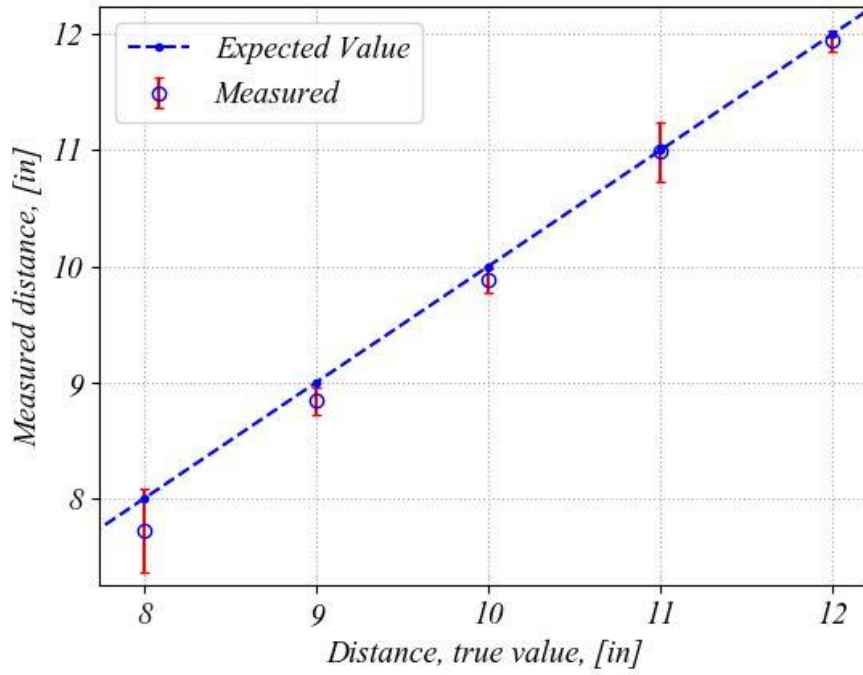


Figure 4. The confidence intervals were significantly large (need to place a value here).

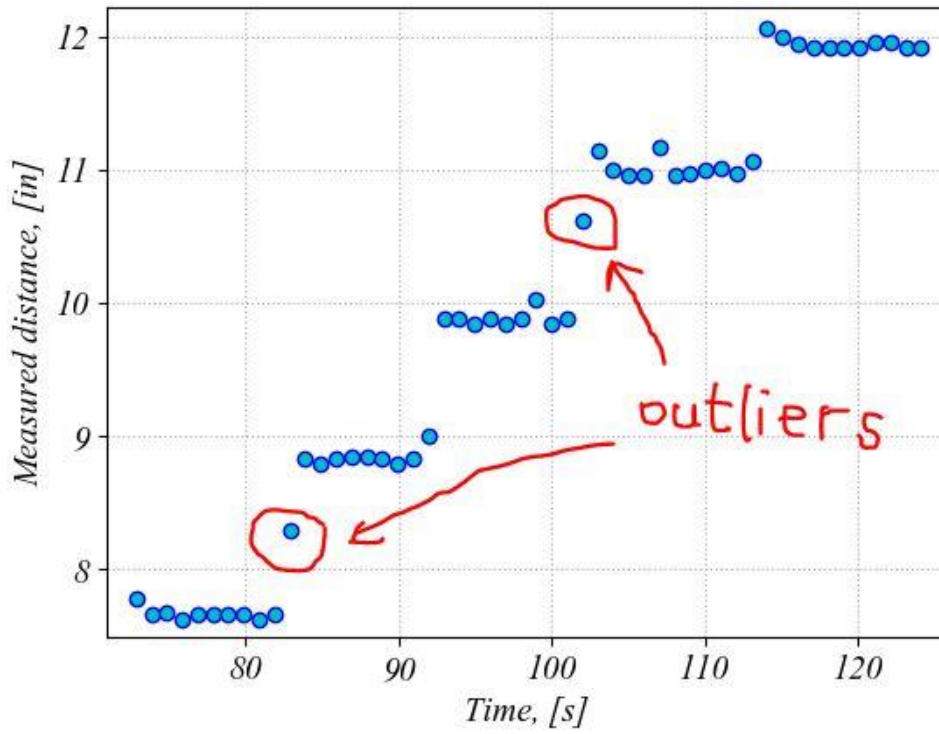
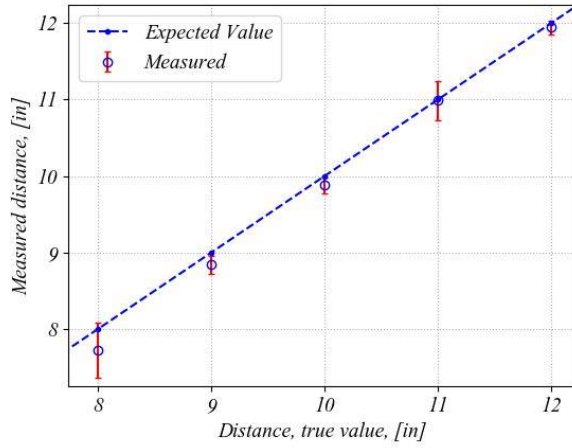
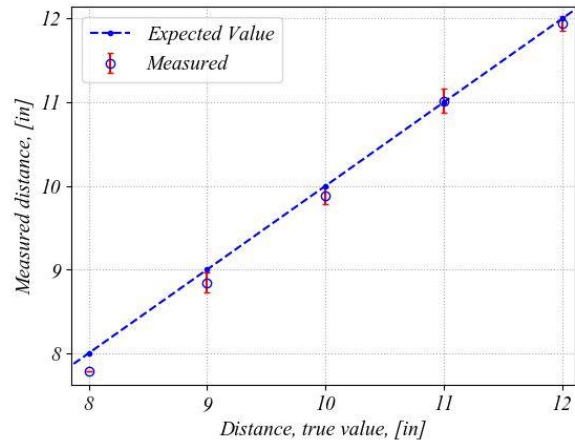


Figure 5. Several outlier datapoints were collected when the aluminum block was moved in the next location.



Outliers were included in analysis



Outliers were removed from analysis

**Figure 6. The measurement precision increased significantly when the outliers were removed (right).**

## 5. Conclusions

## 6. References

## 7. Appendix (if needed)