```
begin
using Pkg; Pkg.activate(".")
using Images, FileIO, PlutoUI
end
```

Table of Contents

Abstract

1. Introduction

2. Method

- 2.1 Simulation
 - 2.1.1 Motion Blurring
- 2.2 Physical Phantom
- 2.3 Agatston Scoring
- 2.4 Integrated Calcium Mass
 - 2.4.1 Calibration
- 2.5 Volume Fraction Mass
- 2.6 Statistical Analysis

3. Results

- 3.1 Stationary
 - 3.1.1 Accuracy
 - 3.1.2 Reproducibility
 - 3.1.3 Sensitivity and Specificity
- 3.2 Motion
 - 3.2.1 Accuracy
- 3.1.2 Reproducibility
- 3.1.3 Sensitivity and Specificity
- 3.2 Physical Phantom
 - 3.1.1 Accuracy
 - 3.1.2 Reproducibility
 - 3.1.3 Sensitivity and Specificity

4. Discussion

5. Conclusion

Acknowledgements

References

TableOfContents()

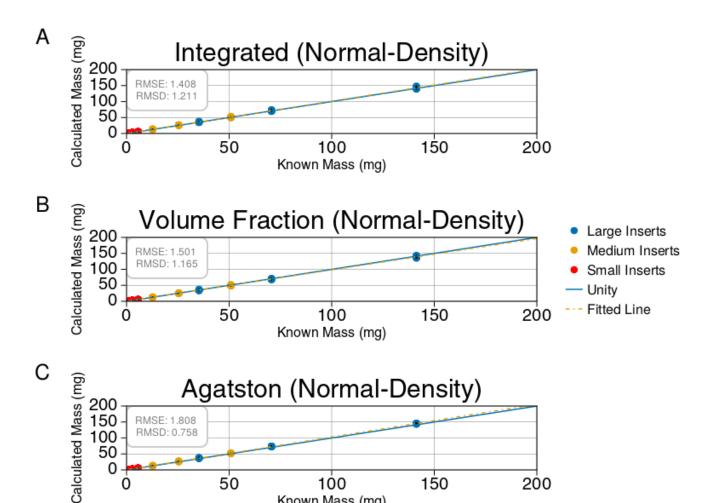
Abstract

1. Introduction

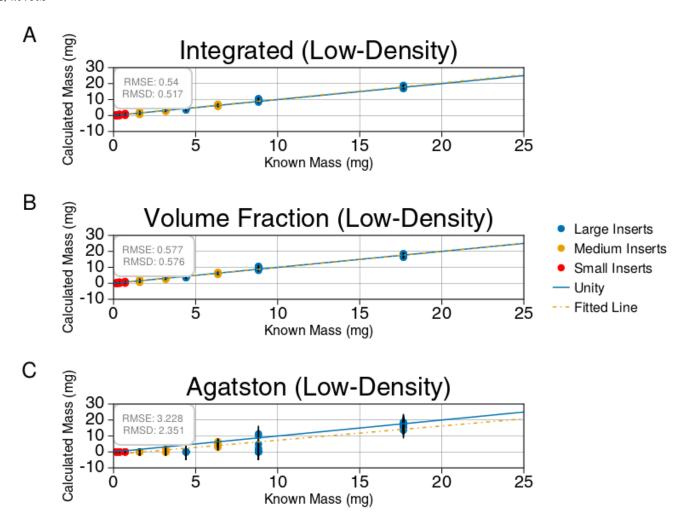
2. Method	
2.1 - Simulation	
2.1.1 - Motion Blurring	
2.2 - Physical Phantom	
2.3 - Agatston Scoring	
2.4 Integrated Calcium Mass	
2.4.1 - Calibration	
2.5 - Volume Fraction Mass	
2.6 - Statistical Analysis	
3. Results	

3.1 - Stationary

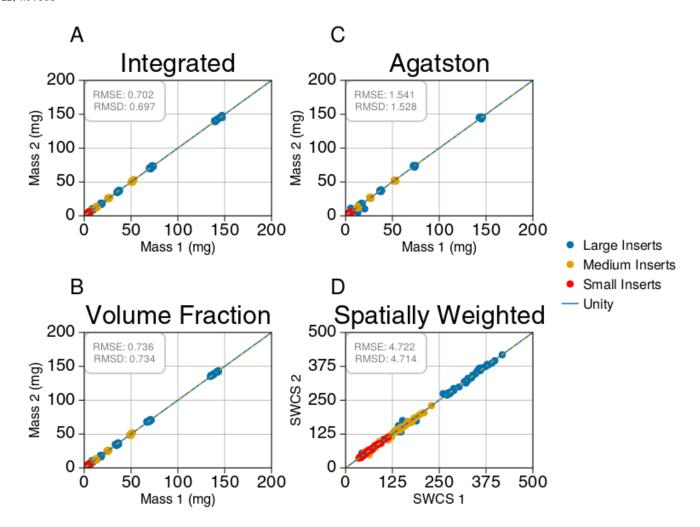
3.1.1 - Accuracy



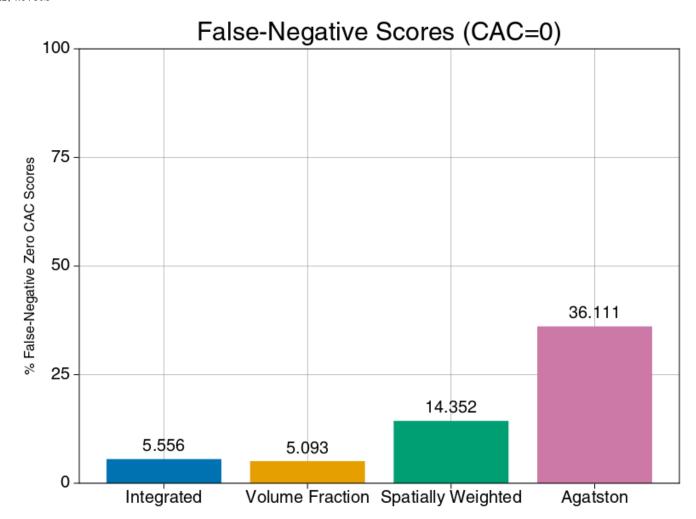
Known Mass (mg)

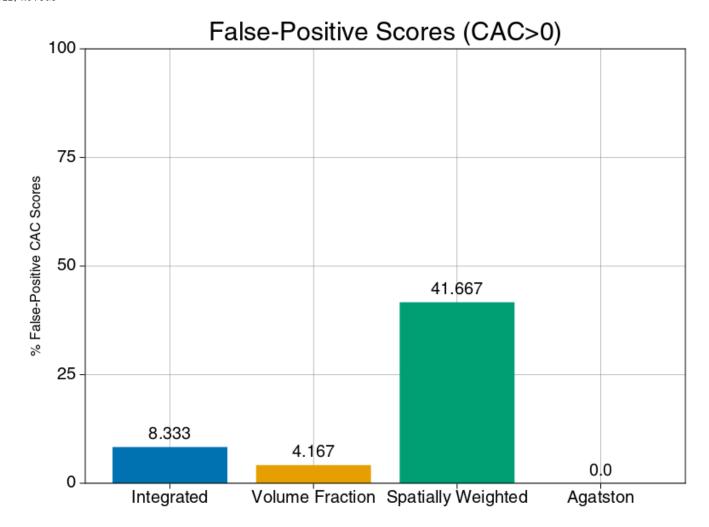


3.1.2 - Reproducibility



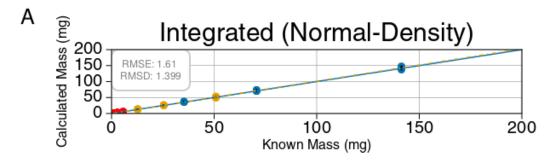
3.1.3 - Sensitivity and Specificity

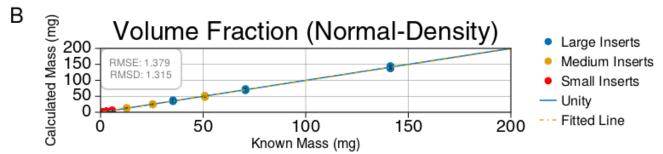


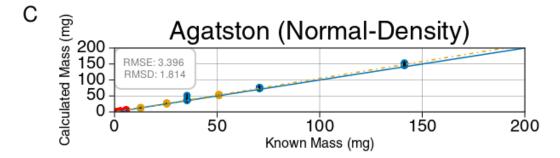


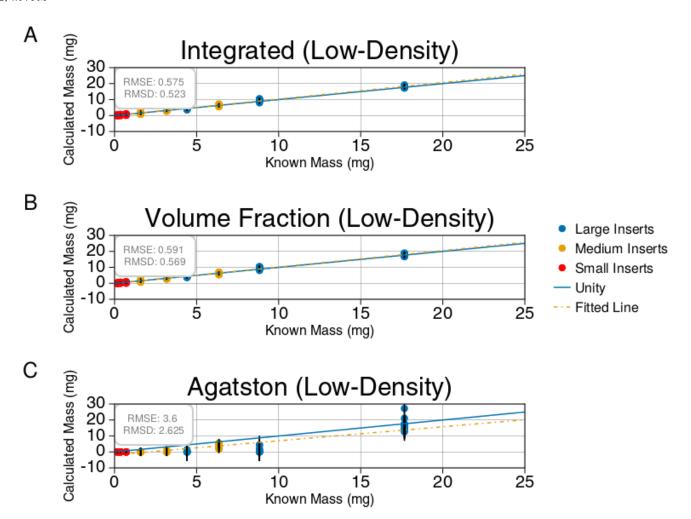
3.2 - Motion

3.2.1 - Accuracy

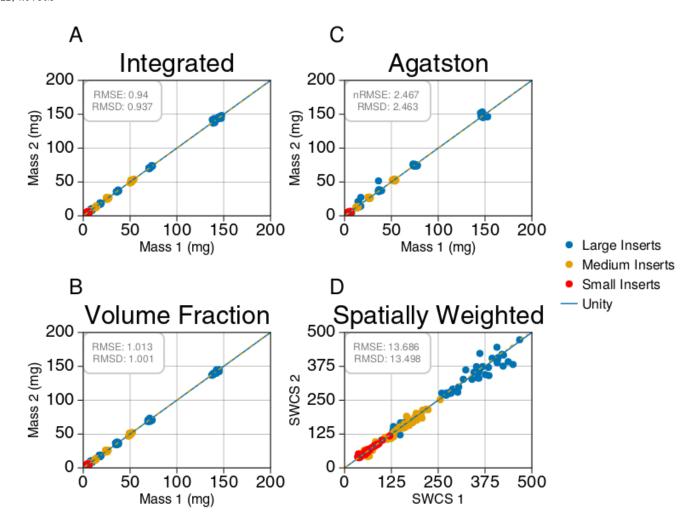




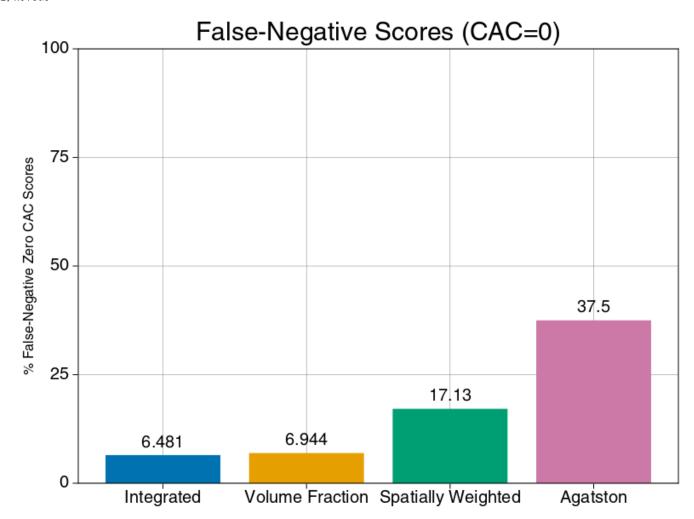


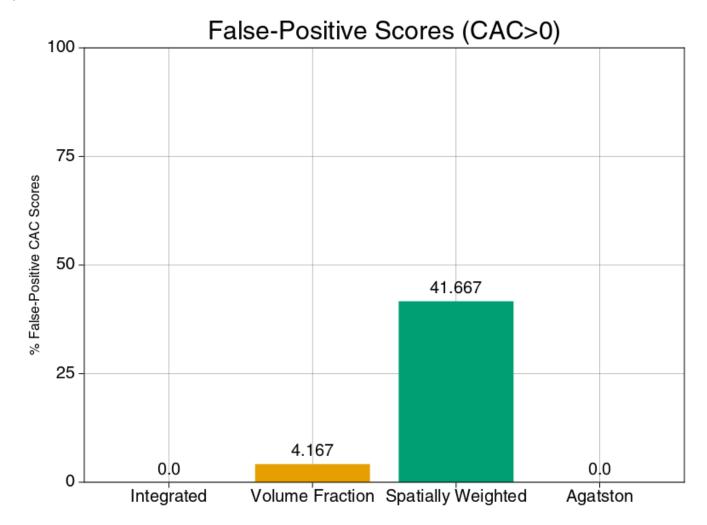


3.1.2 - Reproducibility



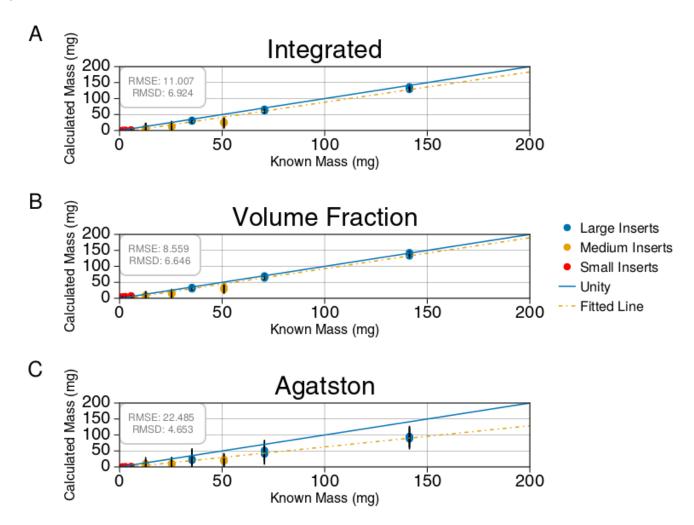
3.1.3 - Sensitivity and Specificity



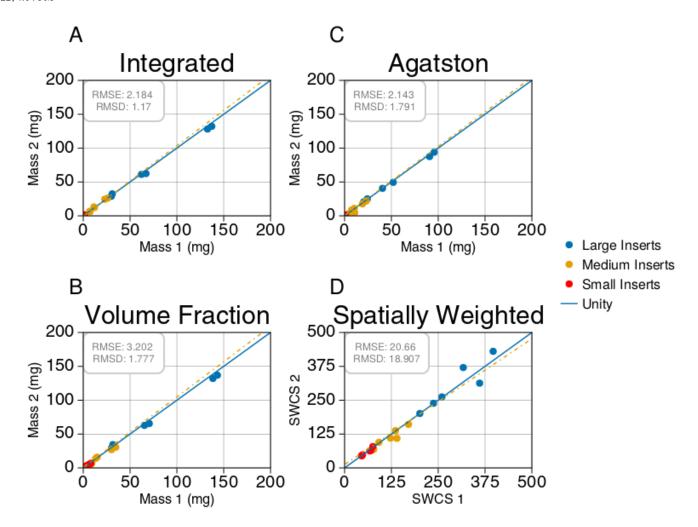


3.2 - Physical Phantom

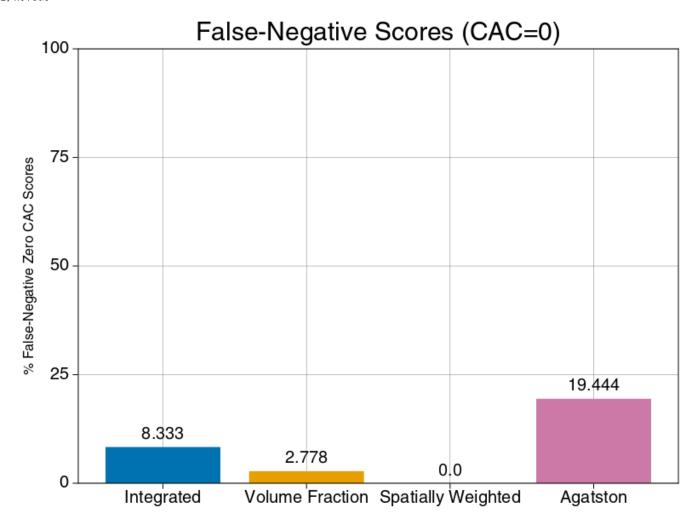
3.1.1 - Accuracy

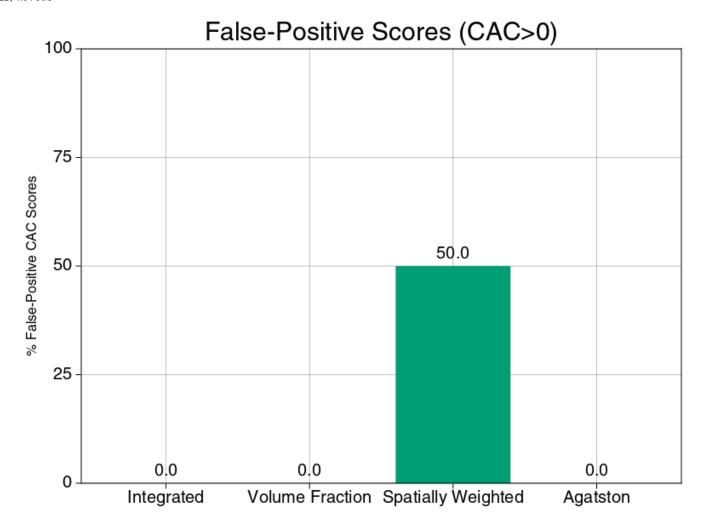


3.1.2 - Reproducibility



3.1.3 - Sensitivity and Specificity





4. Discussion

5. Conclusion

Acknowledgements

References