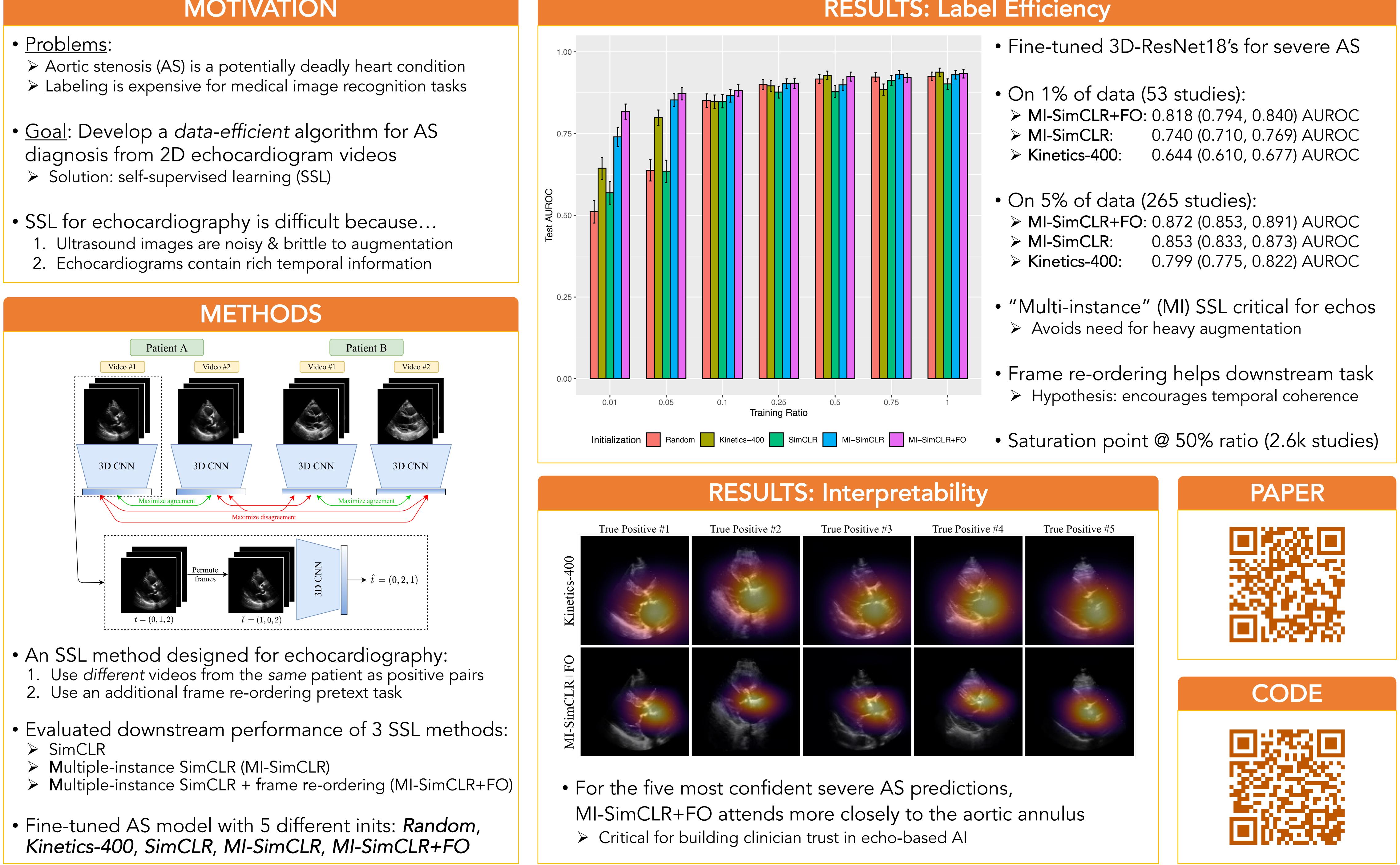


## Yale University

# Self-Supervised Learning of Echocardiogram Videos Enables Data-Efficient Diagnosis of Severe Aortic Stenosis

### MOTIVATION

- Solution: self-supervised learning (SSL)



Gregory Holste<sup>1</sup>, Evangelos K. Oikonomou<sup>2</sup>, Bobak Mortazavi<sup>3</sup>, Zhangyang Wang<sup>1</sup>, Rohan Khera<sup>2</sup> <sup>1</sup>The University of Texas at Austin, <sup>2</sup>Yale University, <sup>3</sup>Texas A&M University

### **RESULTS: Label Efficiency**

