Introduction

* This model does image registration
* Useful for medical imaging applications

Methods

* Based on VoxelMorph
* Applied to MNIST dataset
  + Image pairs were matched randomly within the training dataset
* Loss function:
  + MSE reconstruction error
  + Field smoothing error
* Architecture
  + Convolutional neural net
* Trained for 20 epochs
* Hyperparameter tuning

Results

* Best hyperparameters

Discussion