

# Fabric-Elasticity Relationships in Cortical Bone

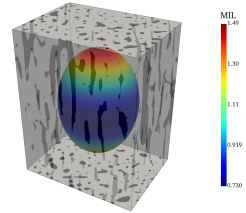
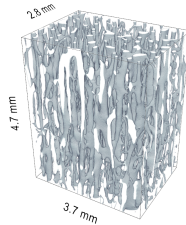
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December, 2024

# Material

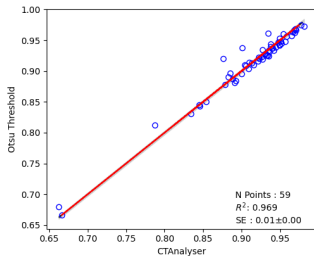
## Data

- 59 scans
- 6.5  $\mu\text{m}$  voxel size
- RUS measurements
- CTAnalyser

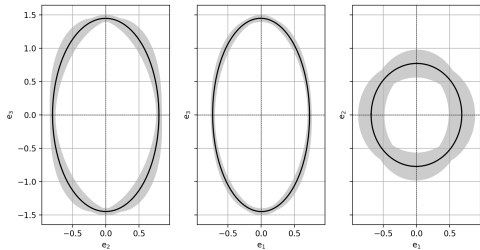


# Segmentation

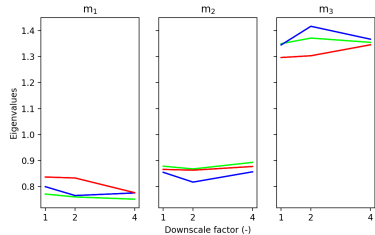
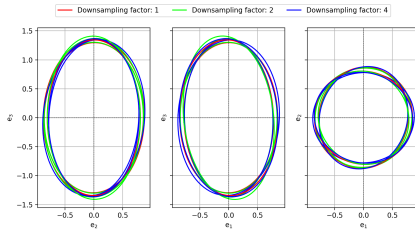
## Mean Otsu threshold



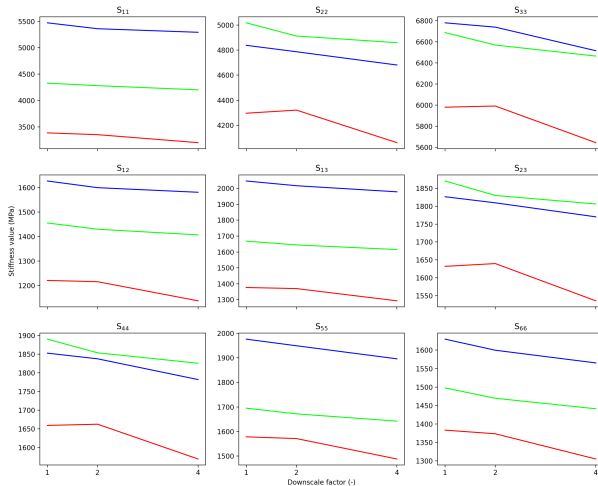
## Fabric distribution



# Resolution Effect - Fabric



# Resolution Effect - Elasticity



# Resolution Effect - Elasticity II

