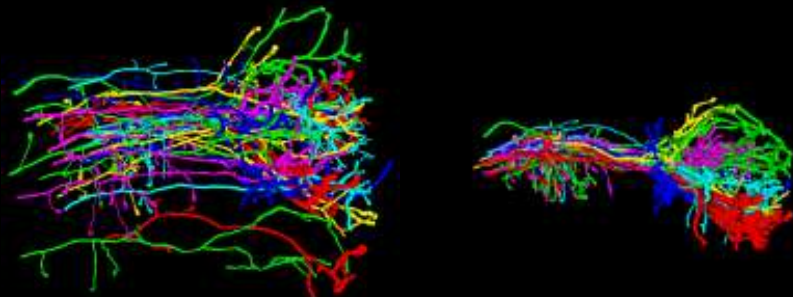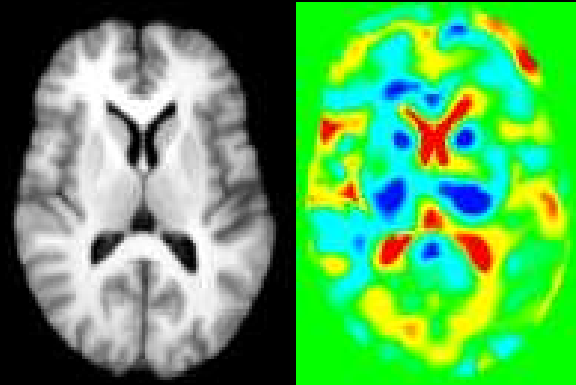# Nonrigid Registration

- Deformation morphometry

- Inter-subject mapping

- Distortion correction

- High-performance computing

- Curvature-PDE registration in ITK
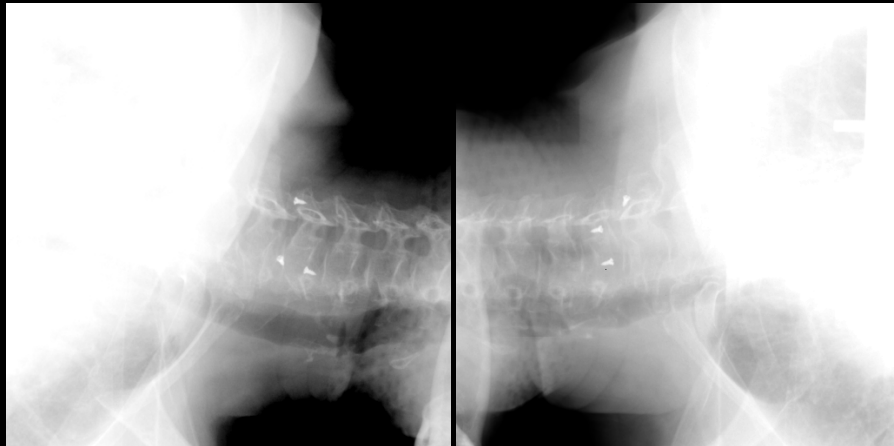
Multi-Classifier Techniques

- Atlas-based segmentation using multiple atlases

- Classifier performance (STAPLE)

Image Guidance

- 2D/3D registration

- Attenuation fields

- Fast object tracking

Not Much DTI (yet)

- Obtained external tools for simple DTI analyses – Imaging, distortion correction, FA maps, statistics, etc.

- Contributed to ITK Tensor Implementation

- Looking for batch processing fiber tracking and analysis tools

- Starting work on multi-subject DTI representations and analyses