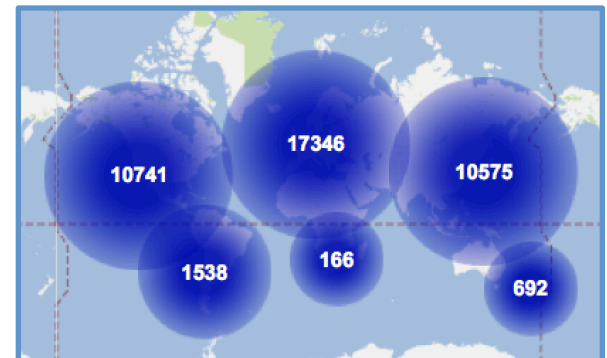


NA-MIC (Kikinis)

Medical image analysis tools in open source

- 3D Slicer software used worldwide as platform for development and sharing
- Used with genome-wide association studies for COPD, Huntington's disease, drug treatment trials
- 41,000 downloads in 12 months
- Large impact on NIH grantees: 31 funded collaborations (25 NIH grants) across schizophrenia, lupus, autism, lung disease, cardiac disease, brain cancer, liver, colon, prostate, musculoskeletal disorders.
- International funding: Canada, Germany, Spain, Italy, Japan, Australia.
- “Common Toolkit”: joint transatlantic effort
- 55 engineers, 35 grad students, 20 post-docs.
- 2000 investigators trained in 63 workshops
- 456 full size papers, including awards
- 15 “Project-weeks”, weeklong working events twice a year: over 650 participants



12 months of Slicer downloads

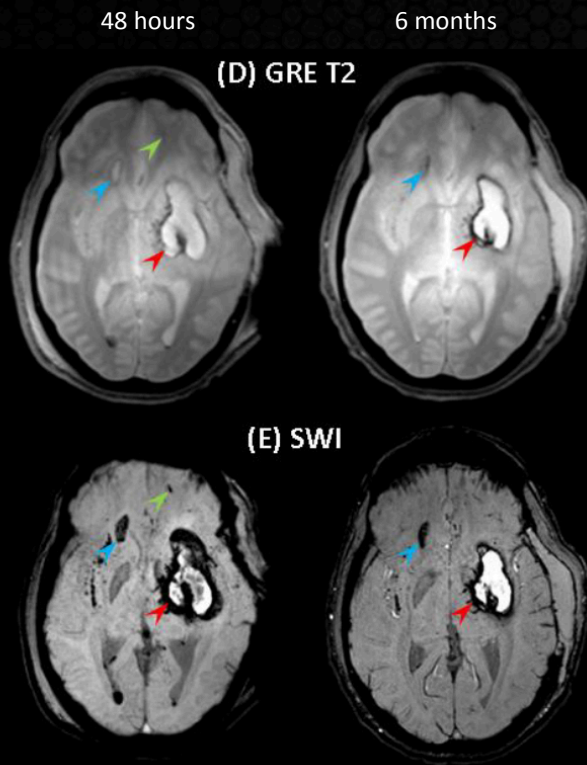


Personalized Connectomics

na-mic.org

Streamlines, which are reduced by more than 20% as a result of brain trauma

Characterizing Fiber Pathway Damage in TBI



A. Irimia et al. / NeuroImage: Clinical 1 (2012) 1-17

