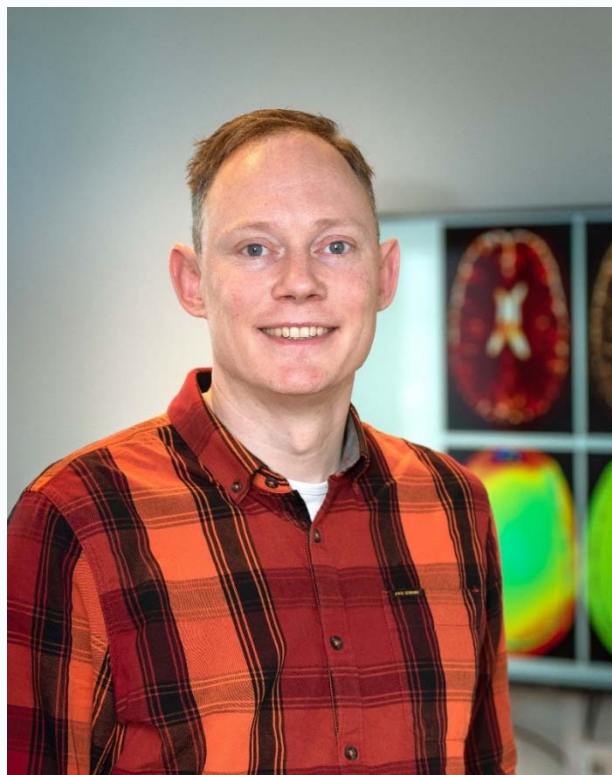
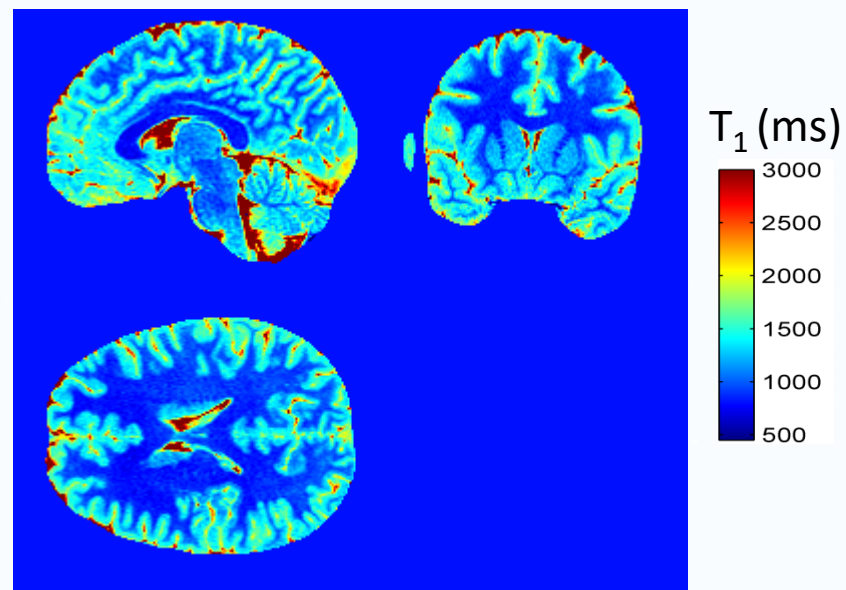


# Quantitative MRI reconstruction

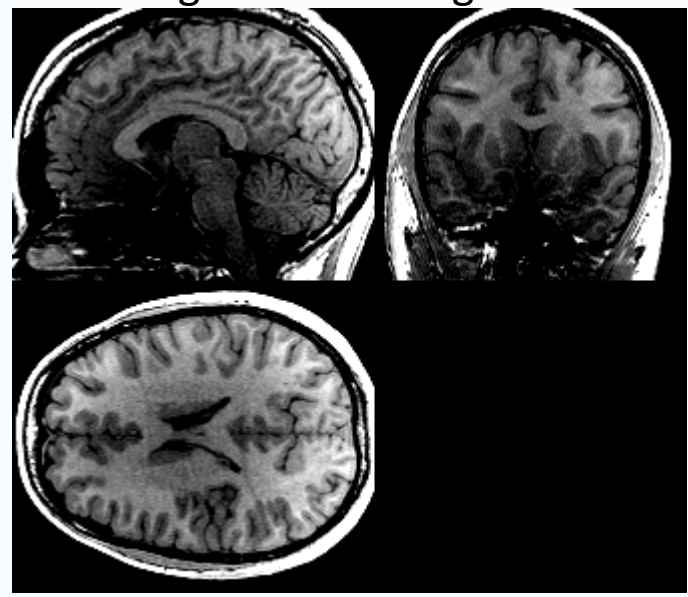


Dirk Poot

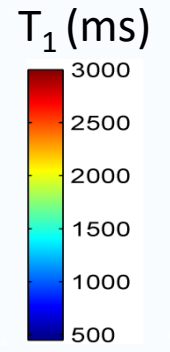
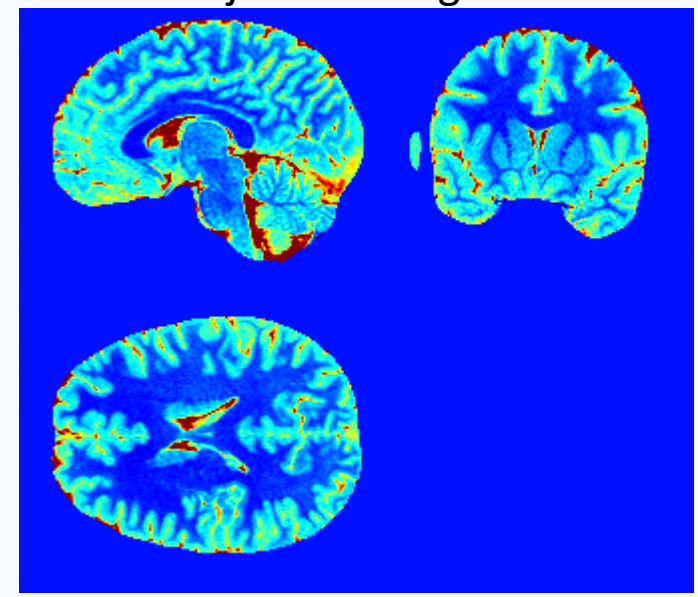


# Quantitative MRI reconstruction

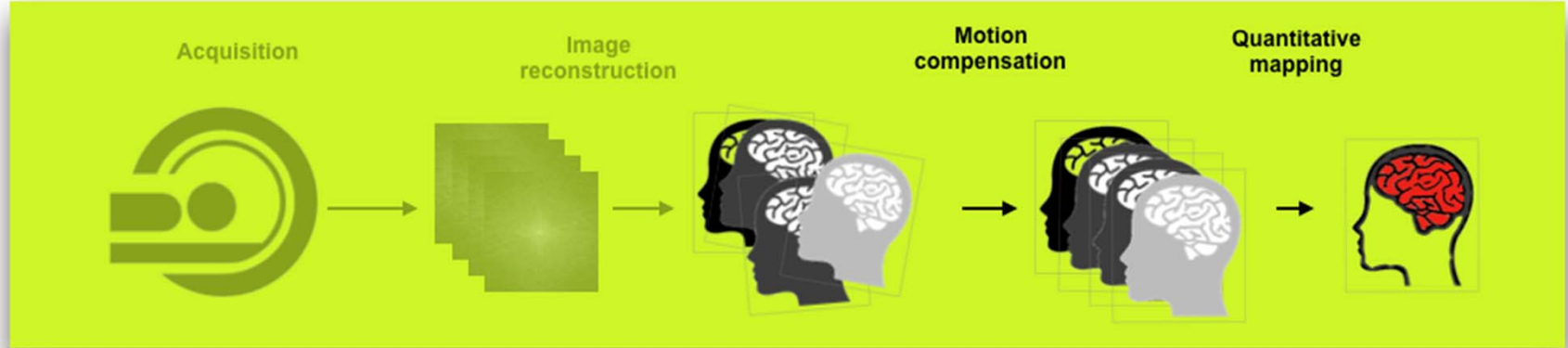
Weighted MR image

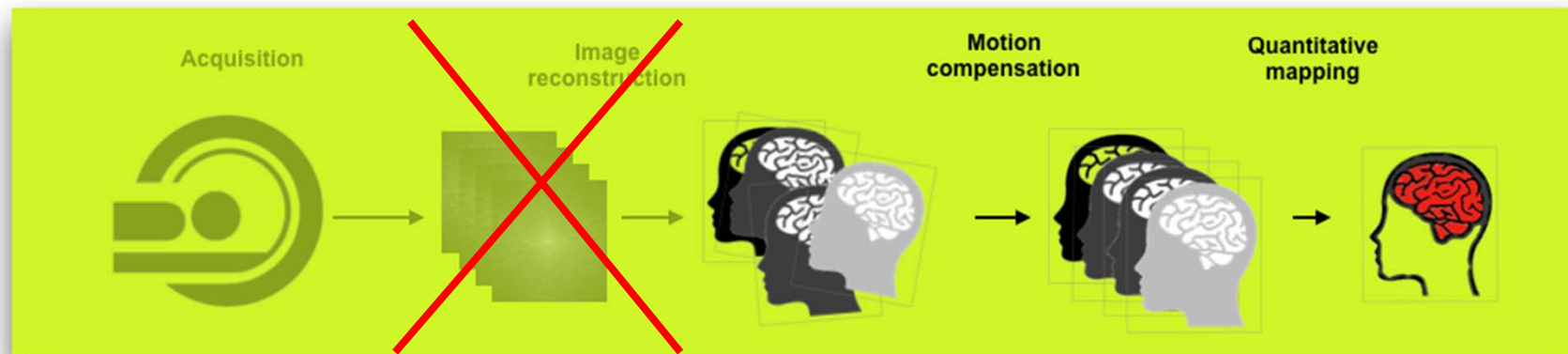


Objective image



Removes subjectivity from MRI



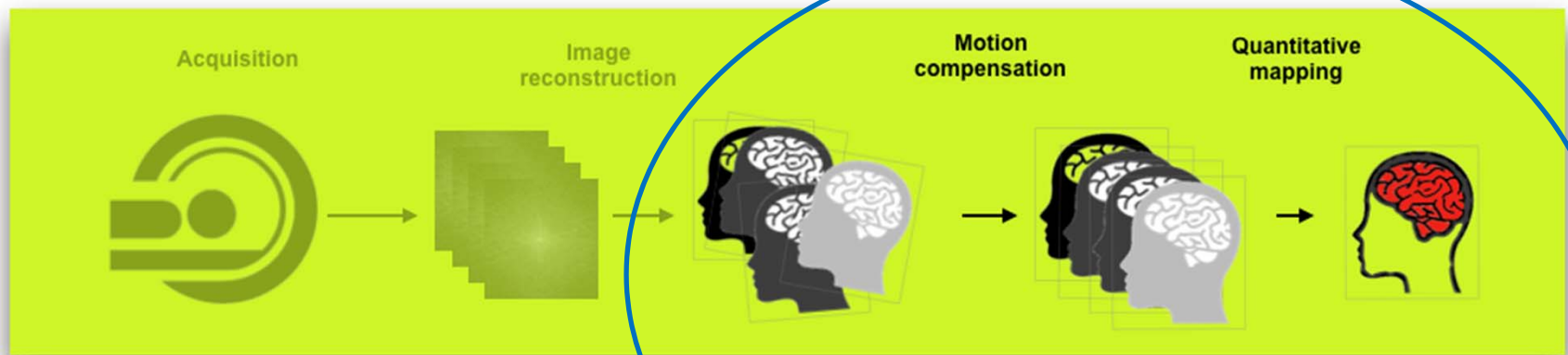


## Direct quantitative MRI reconstruction



Riwaj Byanju

Decreased acquisition time by increasing acceleration factors



Deep learning method for motion compensated quantitative MRI



Emanoel Sabidussi

Use the power of deep learning to attack a problem that is difficult for traditional methods



# Outlook

- Faster quantitative MRI acquisition
- Improved sensitivity to disease
- Increased robustness to subject motion
- Faster reconstruction



# Projects

- Direct quantitative MRI reconstruction
- Deep learning for motion compensation in qMRI

