Marissa: tomorrow afternoon time to finish it.

* Need to finish this as soon as possible
* Matrix to store the patient, slice and MI value?
* Or use length of the list which says the indexes of the slices?

Transformation

* Optimize bspline parameters after combining the 2 scripts
* Affine: we are going to keep it out

Create neat scripts with functions

Weighted majority voting parts 🡪 Lars

* Can do that now already
* STAPLE automatically finds the weights
* Use 5 random/things we have now

Jacobian

* See distributions for a total image instead of all slides
* See during optimization if folding occurs 🡪 if yes we need to add a penalty
* We should not report it

Next steps

* Finish the script of mutual information
* **Marissa: will send when she knows for 3 slices what the 5 best are 🡪 Giulia and Esmée will work on the optimization on Wednesday**
* **Lars: Staple in 2D script**
* Create a new file which only contains b-spline
* Combine the scripts
* Do the optimization for the parameters
* Work on the report!

**Machine learning 🡪 Paula**

* Find information on Hybrid GAN
* Plan for the machine learning part (mainly generating data)
* We probably have a meeting with Cian on Monday?