# Notes 04-03

## Affine registration (Lotte)

* Look into interpretation of the metrics, closer to zero or as low as possible?
* Use similarity metric to see which parameters are better
* Upload parameter / results
* Elastic zoo

## B-spline (Raquel)

Raquel was sick all week, so she will look into this for the next meeting

## Similarity metric (Milan)

DICE score

## Combination of segmentations (Funmilayo)

STAPLE algorithm is used.

The result is not binary, so we have to insert a threshold.

Look into the STAPLE algorithm more deeply to understand what it is doing.

## Introduction (Christos & Noortje)

How specific should the background be, we for now leave it like this and update the introduction when we have to write the machine learning part.

Report is 10 pages, excluding references

Use transformix to get the transformation from the registration. Lotte uploaded a Notebook on Teams about that.

# Tasks for next time (Monday 6-3 at 12:30)

* Lotte: affine registration, vary parameters include dice score. Make an overview of results to make sure we can conclude something about it.
* Raquel & Noortje & Funmilayo: B-spline
* Milan: look into STAPLE algorithm
* Christos: look into the resolution metric, better to be closest at 0 or as low as possible