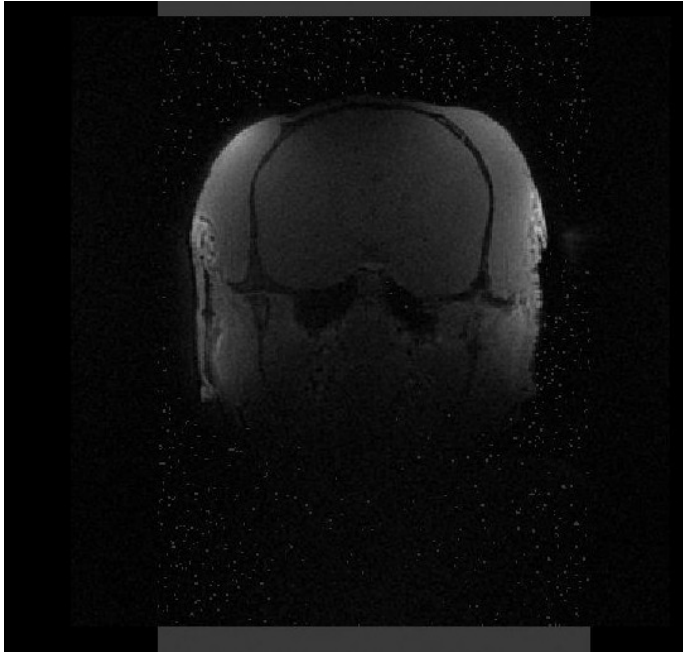# Bias correction of highly heterogeneous MRI images

In non-human Primate (NHP) MRI, extreme bias present

→ high multidimensional array whose elements are small

→ and in close proximity of the anatomy to be imaged.

Petra (Pdw) on marmoset

T1w on marmoset
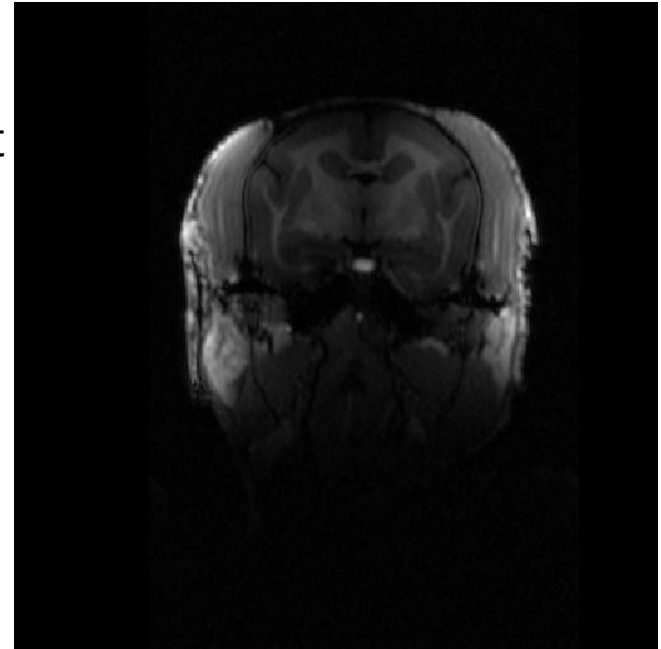(with same array)

Bias correction of highly heterogeneous MRI images

IF the vitamin pastille is close to the antenna, → hyper intense

Registration to the template fail

T2w on marmoset

Project *intensebias* *@brainhack*

- Test and develop new strategies to register this kind of images

- Skills :

  - some knowledge on registration / bias correction (ANTS, NiftyReg)

  - OR Knowledge on MRI acquisition

- mattermost = bhg24-marseille_intensebias

- Project leader: Julien Sein (IR Centre IRMf), David Meunier (IR INT)

- Meeting points = Thursday noon, Friday pm

  You are welcome to join us

  → Feel free to contact us, come by if you have any questions ;)