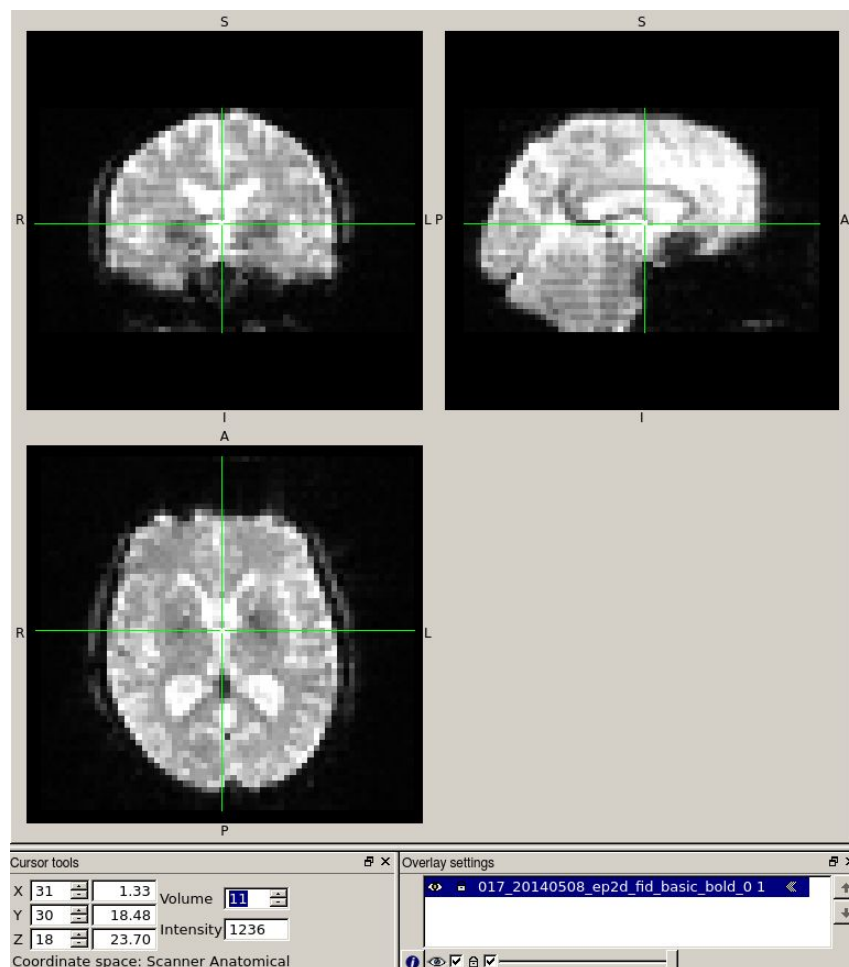


## Visualizing Different Modalities in FSLVIEW

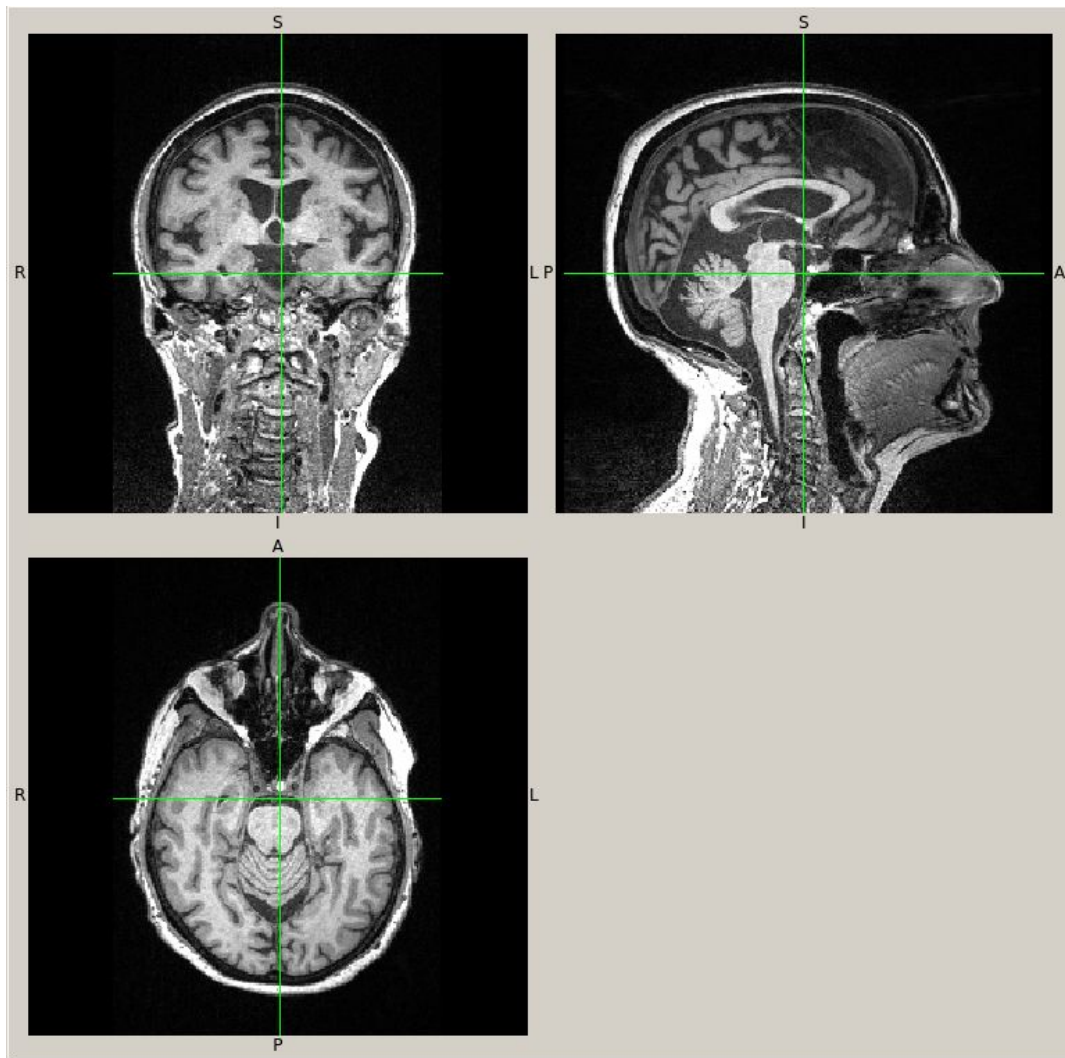
One of the tools that can be used to visualize brain scans (in the **.nii.gz** format) is FSL's **FSLVIEW** tool. To use this tool, simply type in the word **fslview** in a terminal, of a server where this tool is installed (*currently present in Magnus, Parker and Grey*), and press enter.

Following this, a window will open up, where you can navigate to the file you want to view and open it up. The files generated by the **dcm2bids\_helper** command can be viewed using this tool.

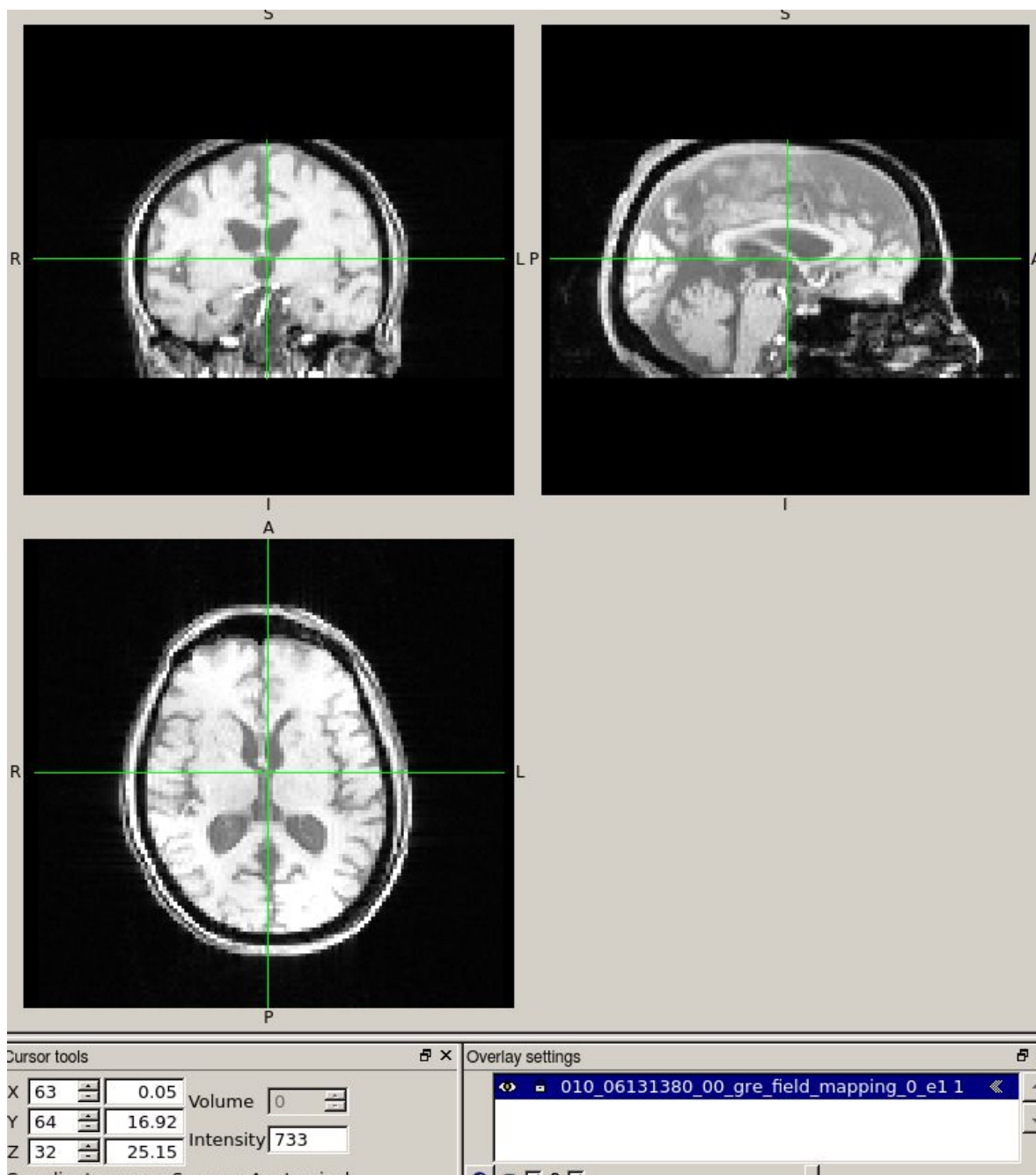
### What Each Modality looks like:



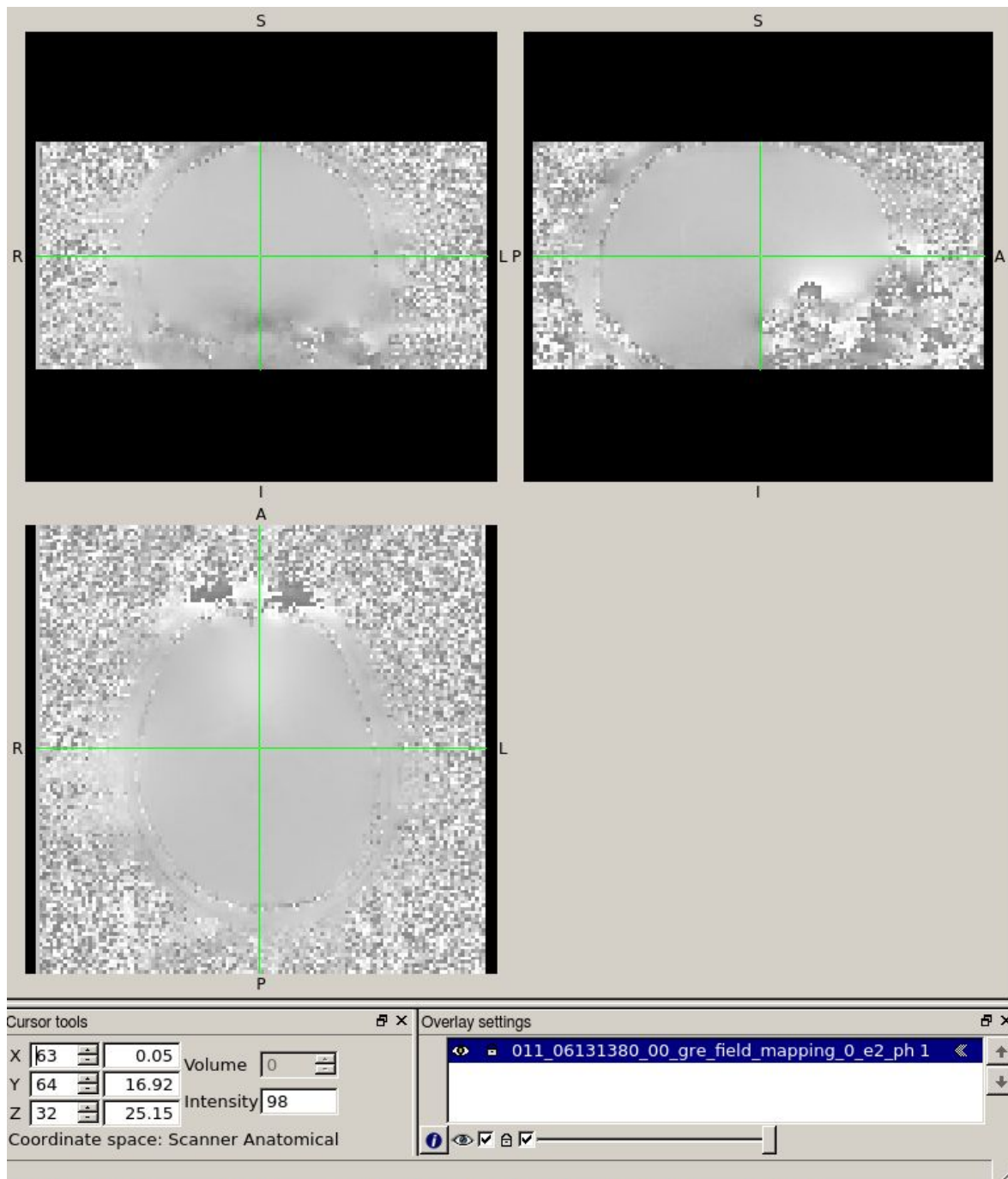
This is what a **BOLD (functional) image** looks like. You can also see that a BOLD image has **multiple volumes** (as the volumes parameter on the cursor tools tab is active)



This is a **T1 image (anatomical image)**. You can see that the spatial resolution is a lot higher, the distinction between Grey matter, white matter and CSF is a lot more marked.



This is a **GRE fieldmap magnitude image**. Both magnitude images will look similar. **Each magnitude image (e1 and e2) contains only one volume**, hence the volume parameter is greyed out



The **phase difference field map image (e2\_ph)** looks like this. Again, there's only 1 volume.