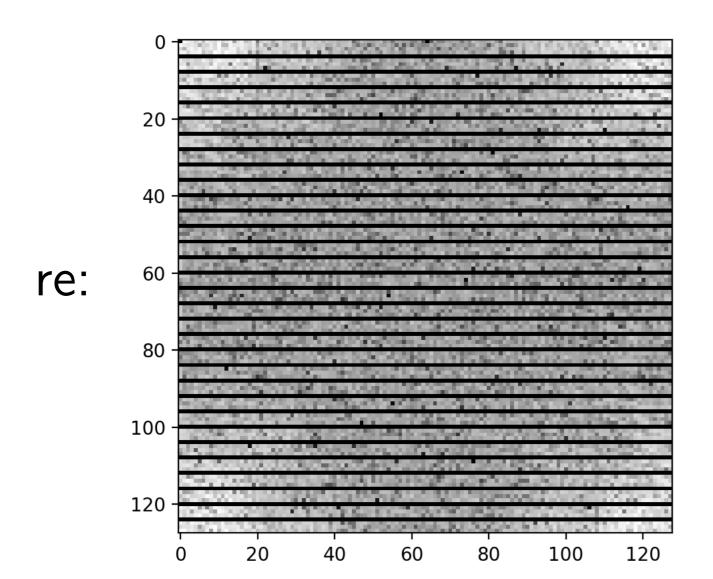
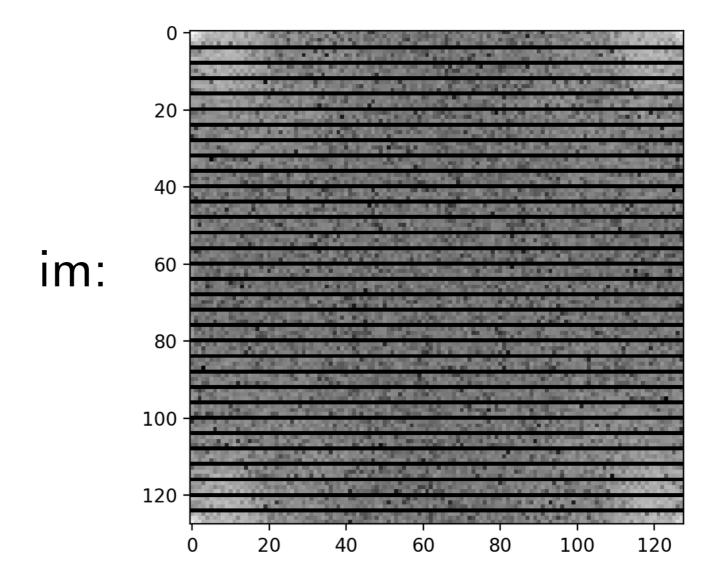
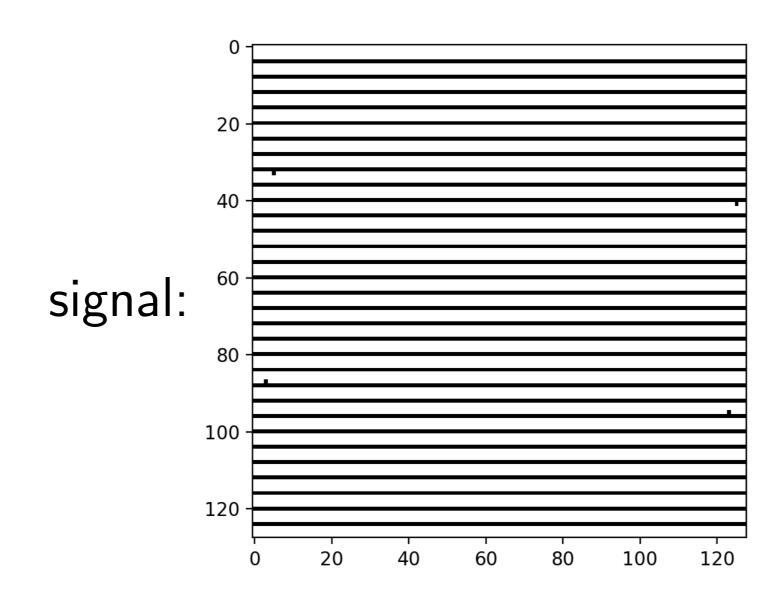
Data: real part (re) and imag part (im) of image's k-space received by the MRI. Black spots are where the signal is lost.

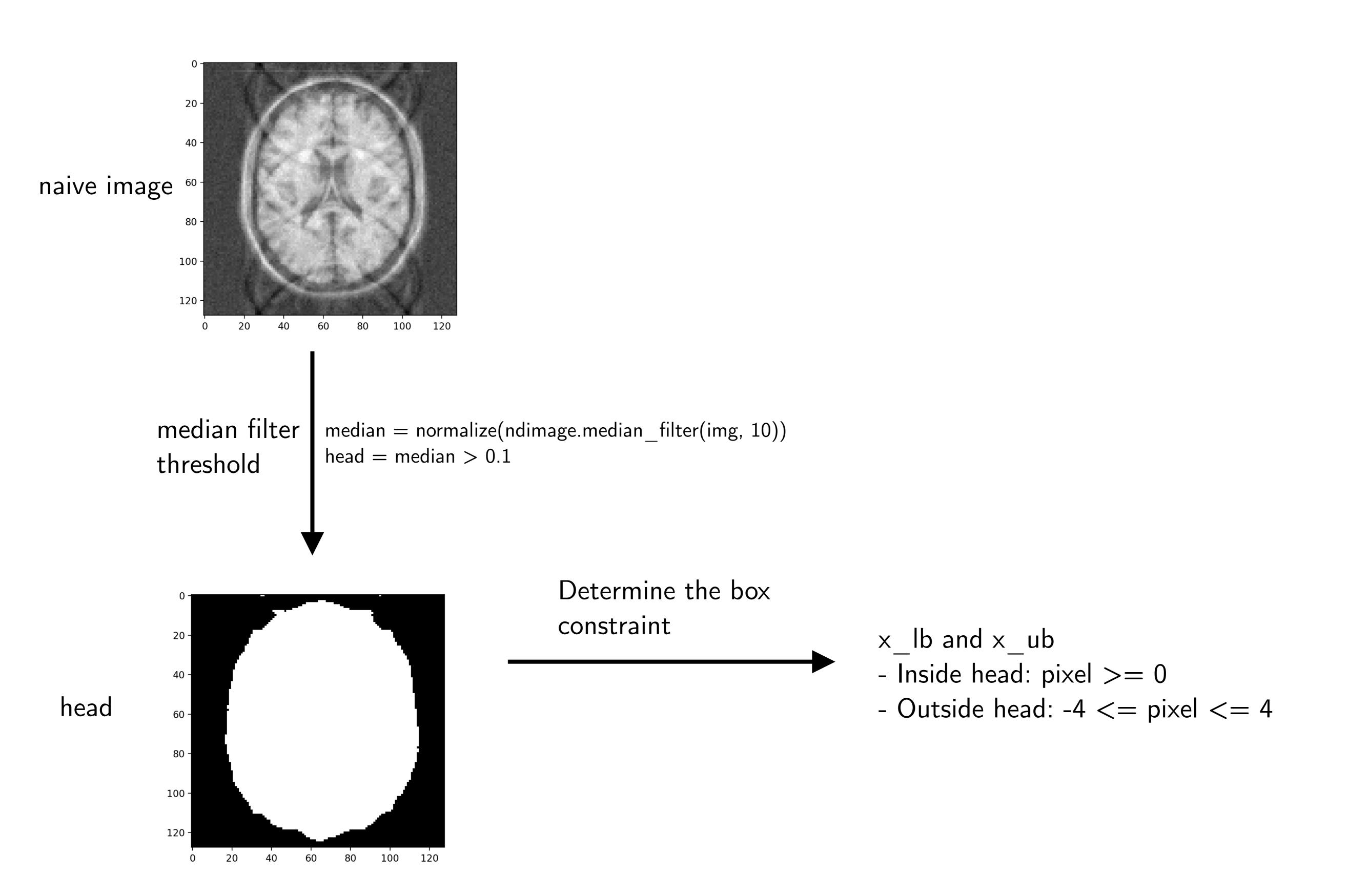




Apply a threshold: signal = abs(re) > 0.5 to get a matrix of where the signal is received. signal[i][j] = 1 if there is signal in this spot, 0 otherwise



Naively reconstruct the image by taking inverse FFT, we get the naive image.



## Optimization problem

