Results in the small ROI

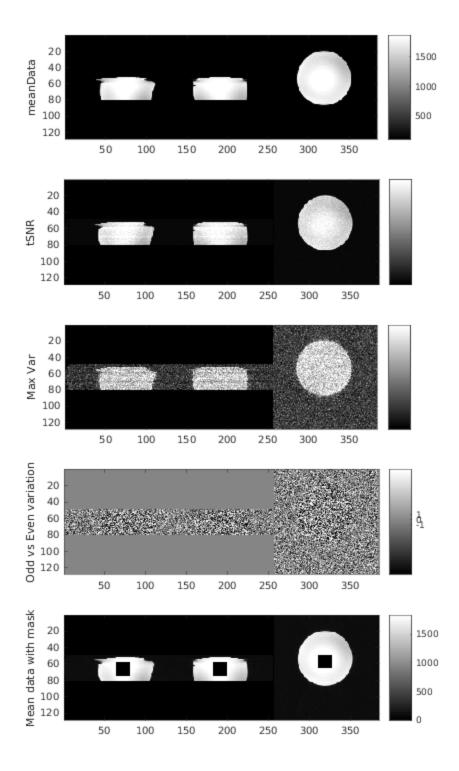
 $SNR \ ROI = 18.14 +- 0.107$  $SNR \ Ghost = 1.07 +- 0.008$ 

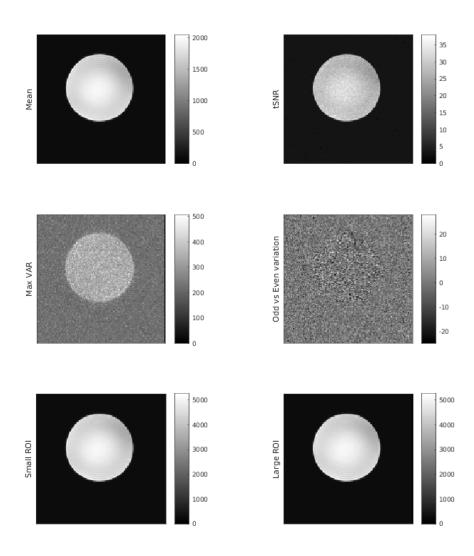
temporal SNR before and after drift correction  $tSNR\ ROI = 33.05\ increases\ to\ 33.28$ 

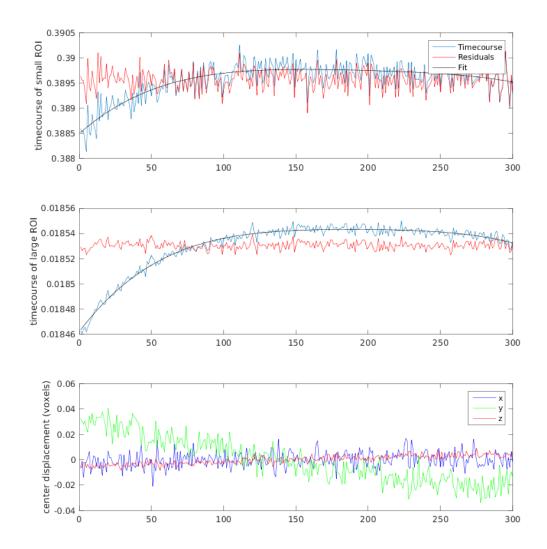
Results in the large ROI

 $SNR \ ROI = 15.02 +- 0.043$  $SNR \ Ghost = 1.06 +- 0.002$ 

Maximum Displacement = 56.79 pixels







Results in the small ROI

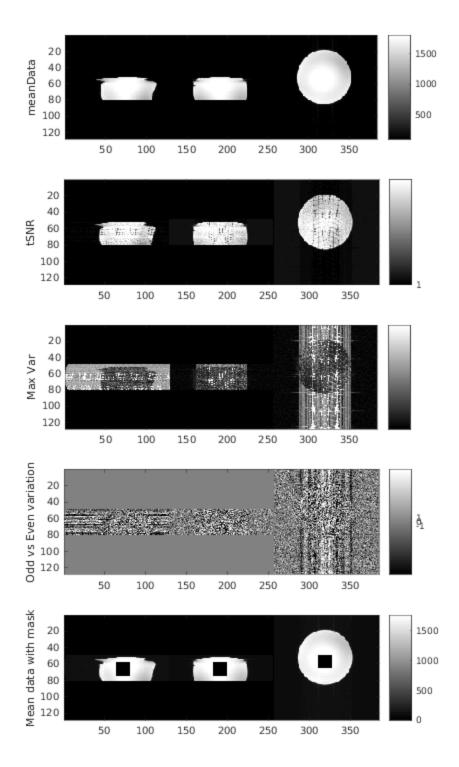
 $SNR \ ROI = 18.14 +- 0.107$  $SNR \ Ghost = 1.07 +- 0.008$ 

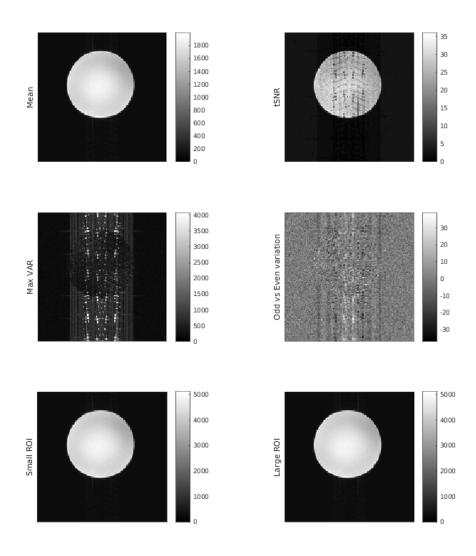
temporal SNR before and after drift correction tSNR ROI = 33.05 increases to 33.28

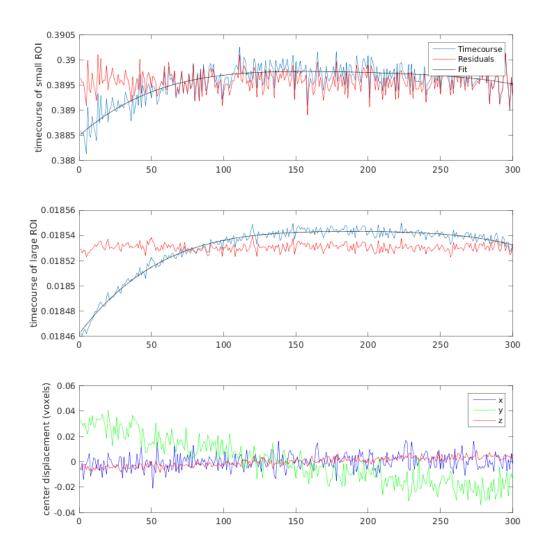
Results in the large ROI

 $SNR \ ROI = 15.02 +- 0.043$  $SNR \ Ghost = 1.06 +- 0.002$ 

Maximum Displacement = 56.79 pixels







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