Results in the small ROI

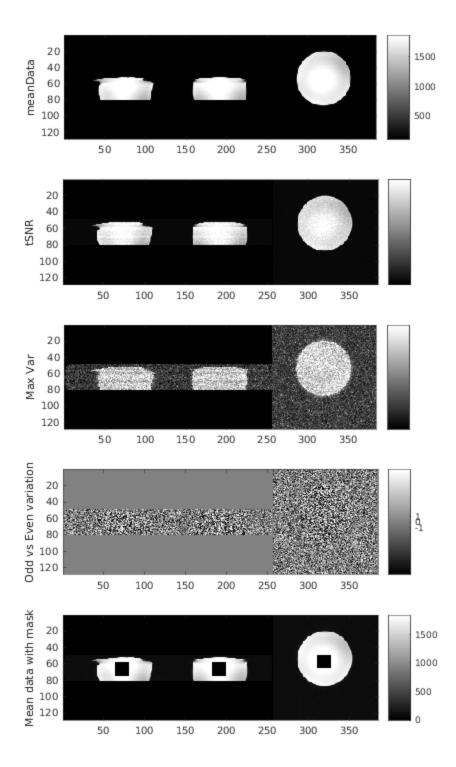
 $SNR \ ROI = 18.38 +- 0.127$  $SNR \ Ghost = 1.07 +- 0.008$ 

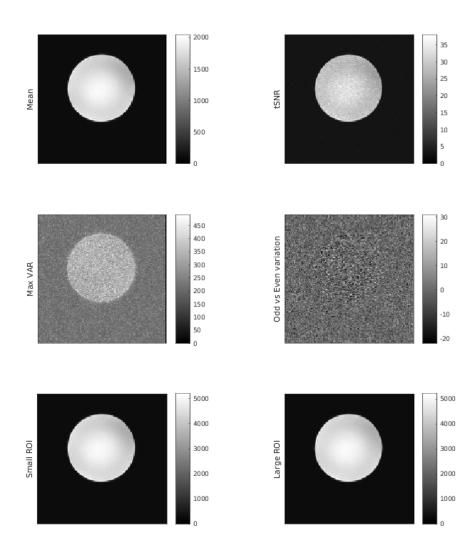
temporal SNR before and after drift correction  $tSNR\ ROI = 33.52\ increases\ to\ 33.77$ 

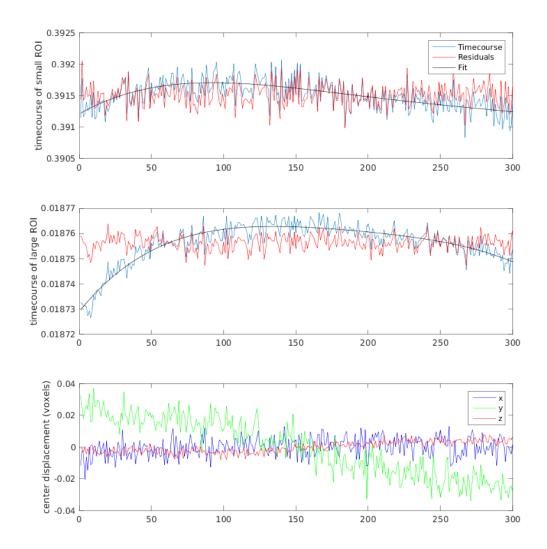
Results in the large ROI

 $SNR \ ROI = 15.02 +- 0.074$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 56.16 pixels







Results in the small ROI

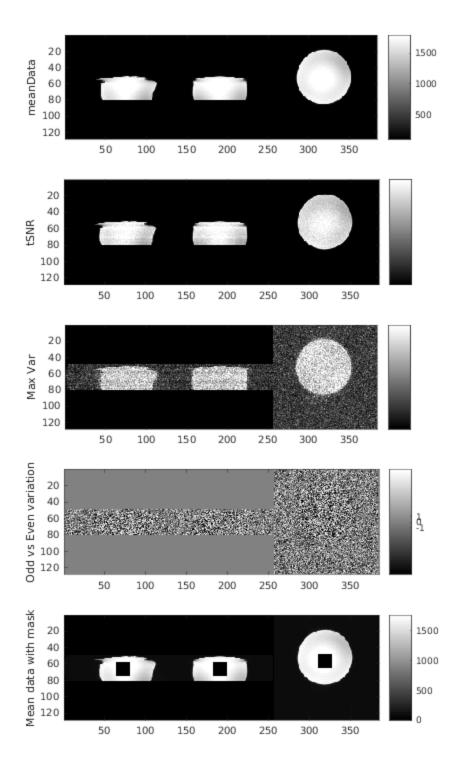
 $SNR \ ROI = 18.75 +- 0.112$  $SNR \ Ghost = 1.07 +- 0.008$ 

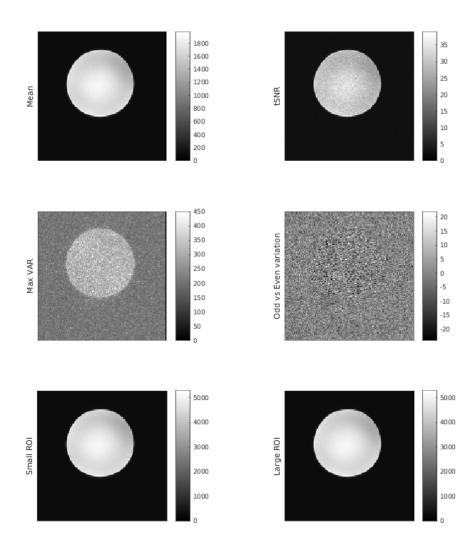
temporal SNR before and after drift correction  $tSNR\ ROI = 34.27$  increases to 34.52

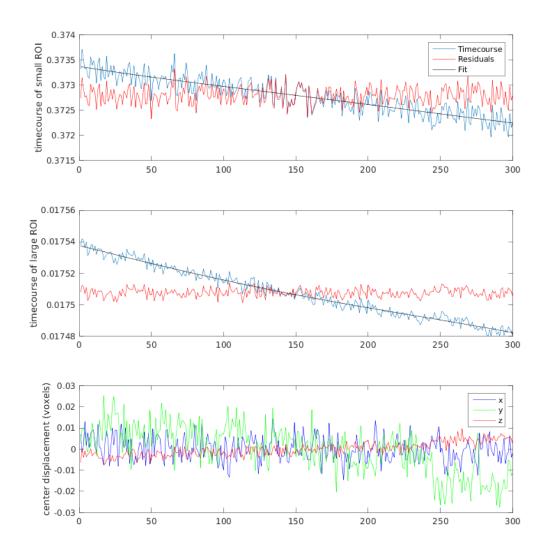
Results in the large ROI

 $SNR \ ROI = 15.35 +- 0.036$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 56.91 pixels







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