Results in the small ROI

 $SNR \ ROI = 17.04 +- 0.108$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 31.66$  increases to 31.89

Results in the large ROI

 $SNR \ ROI = 14.15 +- 0.048$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 56.09 pixels

Results in the small ROI

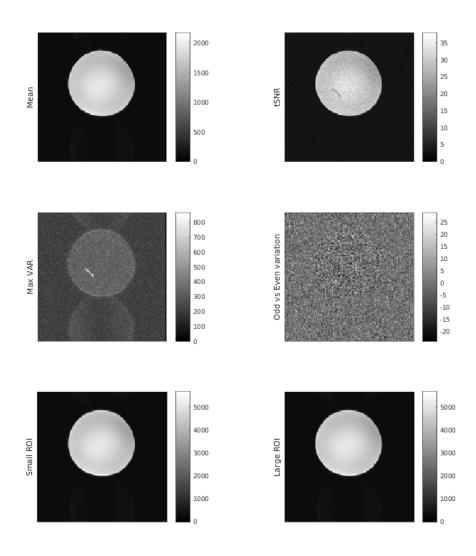
 $SNR \ ROI = 17.42 +- 0.096$  $SNR \ Ghost = 1.09 +- 0.008$ 

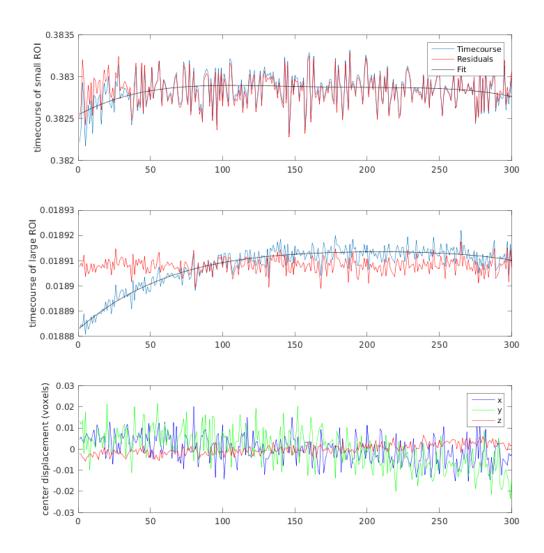
temporal SNR before and after drift correction  $tSNR\ ROI = 32.52$  increases to 32.74

Results in the large ROI

 $SNR \ ROI = 14.49 +- 0.029$  $SNR \ Ghost = 1.22 +- 0.002$ 

Maximum Displacement = 56.74 pixels





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