Results in the small ROI

 $SNR \ ROI = 18.31 +- 0.119$  $SNR \ Ghost = 1.07 +- 0.009$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 33.37\ increases\ to\ 33.62$ 

Results in the large ROI

 $SNR \ ROI = 15.05 +- 0.035$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 55.93 pixels

Results in the small ROI

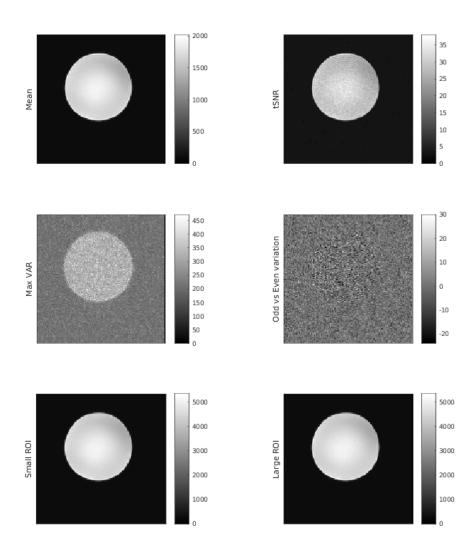
 $SNR \ ROI = 18.73 +- 0.112$  $SNR \ Ghost = 1.06 +- 0.008$ 

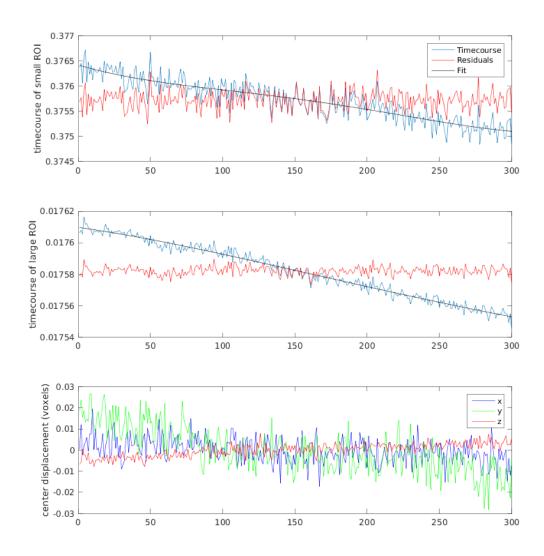
temporal SNR before and after drift correction  $tSNR\ ROI = 34.22$  increases to 34.47

Results in the large ROI

SNR ROI = 15.45 +- 0.043SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 57.02 pixels





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