Results in the small ROI

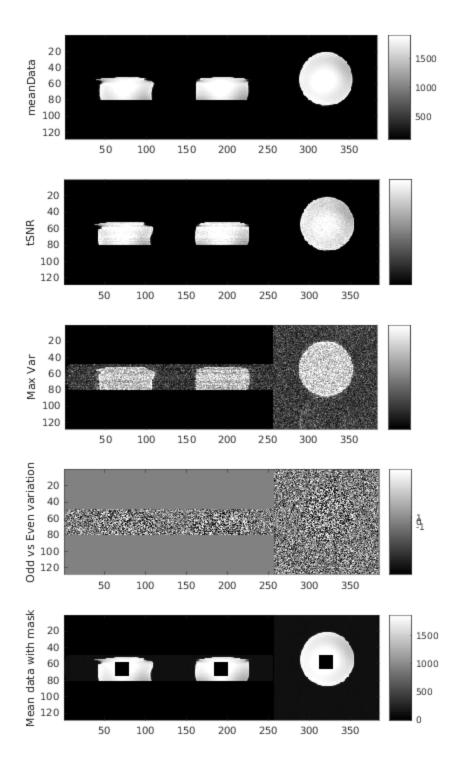
 $SNR \ ROI = 17.07 +- 0.119$  $SNR \ Ghost = 1.07 +- 0.009$ 

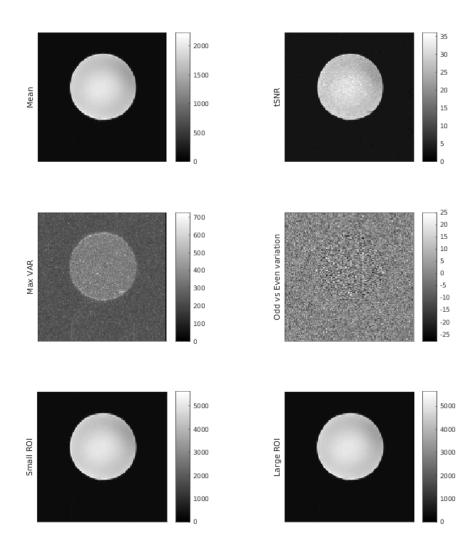
temporal SNR before and after drift correction tSNR ROI = 31.80 increases to 32.03

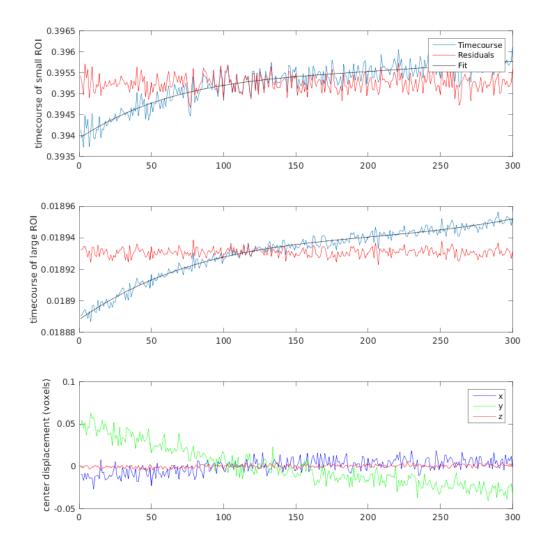
Results in the large ROI

 $SNR \ ROI = 14.14 +- 0.056$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 55.91 pixels







Results in the small ROI

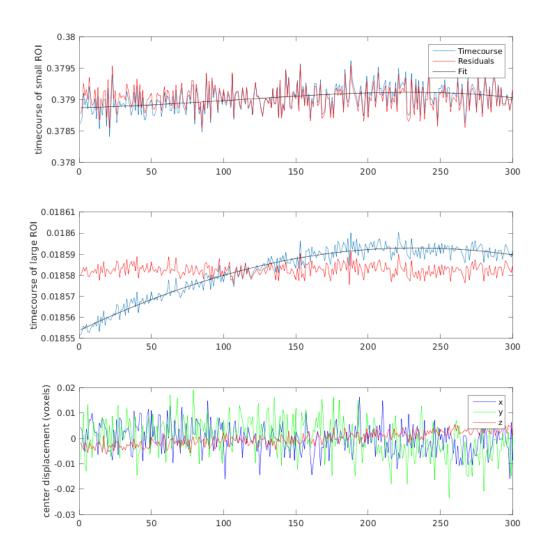
 $SNR \ ROI = 17.47 +- 0.098$  $SNR \ Ghost = 1.10 +- 0.009$ 

temporal SNR before and after drift correction tSNR ROI = 32.59 increases to 32.81

Results in the large ROI

 $SNR \ ROI = 14.50 +- 0.022$  $SNR \ Ghost = 1.22 +- 0.002$ 

Maximum Displacement = 56.78 pixels



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