Results in the small ROI

 $SNR \ ROI = 18.18 +- 0.111$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 33.12\ increases\ to\ 33.36$ 

Results in the large ROI

 $SNR \ ROI = 15.11 +- 0.049$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 56.96 pixels

Results in the small ROI

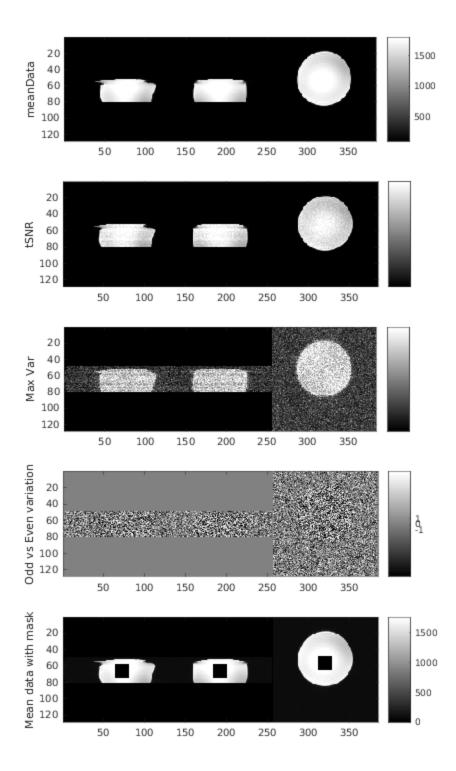
SNR ROI = 18.57 +- 0.114SNR Ghost = 1.06 +- 0.008

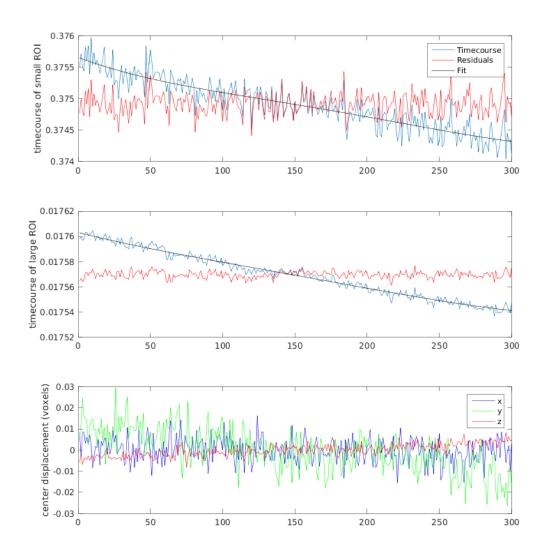
temporal SNR before and after drift correction  $tSNR\ ROI = 33.97$  increases to 34.21

Results in the large ROI

SNR ROI = 15.48 +- 0.039SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 57.62 pixels





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