Results in the small ROI

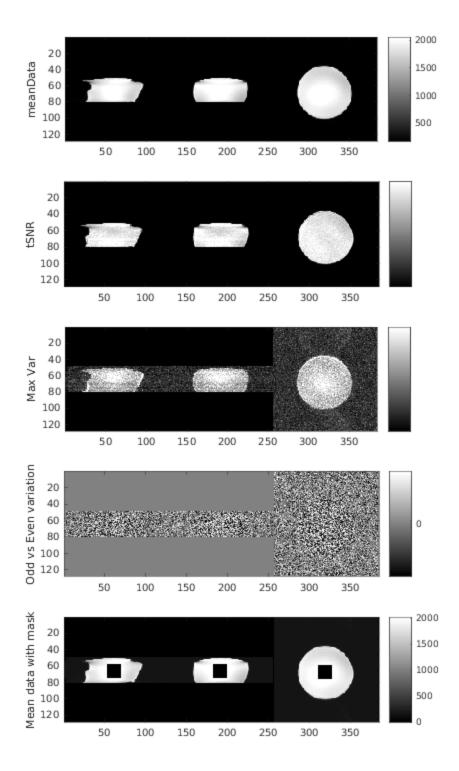
 $SNR \ ROI = 12.95 +- 0.101$  $SNR \ Ghost = 1.07 +- 0.008$ 

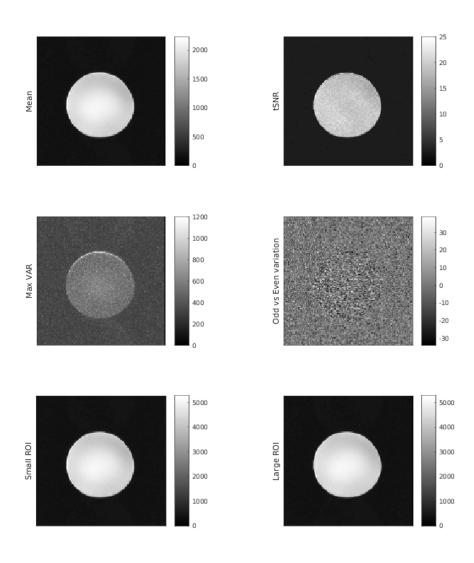
temporal SNR before and after drift correction  $tSNR\ ROI = 21.29\ increases\ to\ 23.52$ 

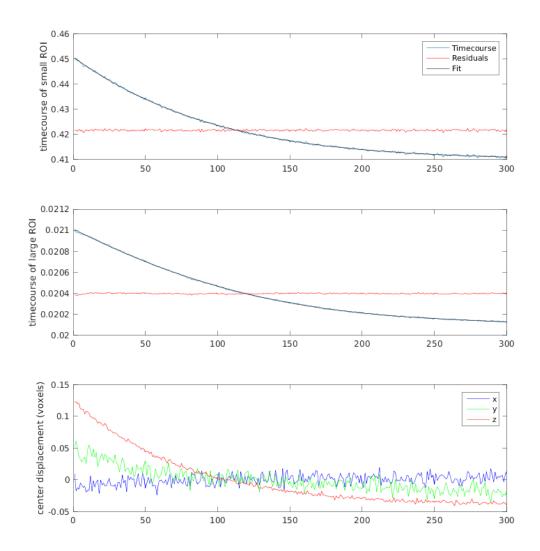
Results in the large ROI

 $SNR \ ROI = 10.95 +- 0.063$  $SNR \ Ghost = 1.09 +- 0.005$ 

Maximum Displacement = 48.91 pixels







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