Results in the small ROI

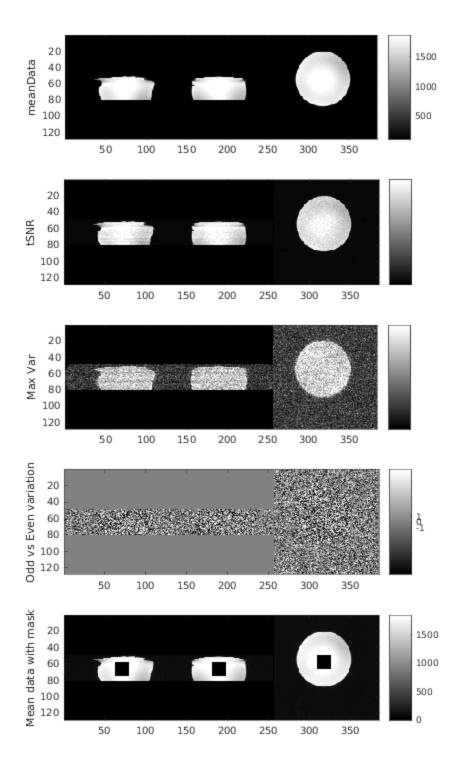
 $SNR \ ROI = 18.08 +- 0.120$  $SNR \ Ghost = 1.07 +- 0.008$ 

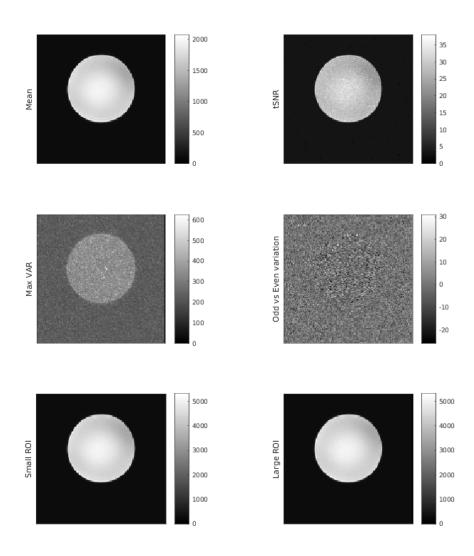
temporal SNR before and after drift correction  $tSNR\ ROI = 33.00\ increases\ to\ 33.23$ 

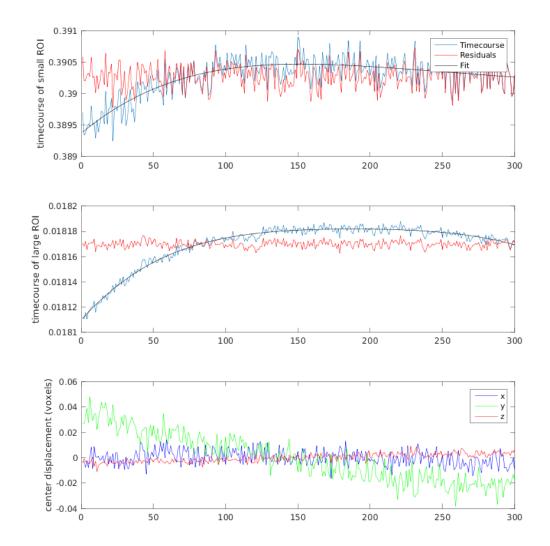
Results in the large ROI

 $SNR \ ROI = 14.88 +- 0.051$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 55.85 pixels







Results in the small ROI

 $SNR \ ROI = 18.46 +- 0.102$  $SNR \ Ghost = 1.06 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 33.77$  increases to 34.02

Results in the large ROI

 $SNR \ ROI = 15.21 +- 0.034$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 57.05 pixels

