Results in the small ROI

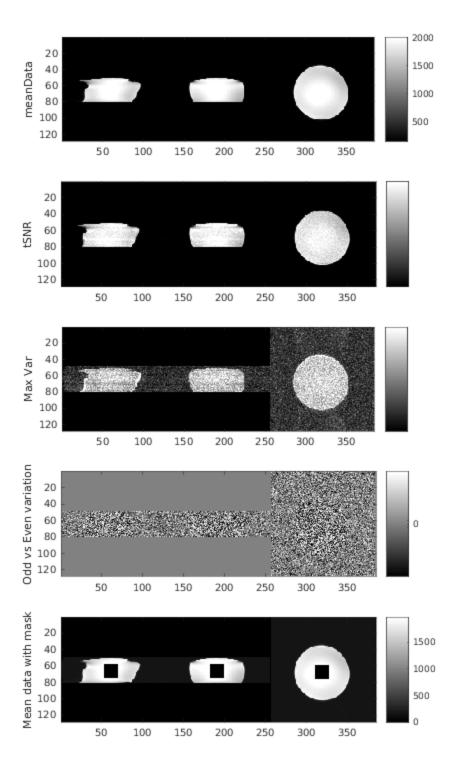
 $SNR \ ROI = 12.98 +- 0.107$  $SNR \ Ghost = 1.07 +- 0.008$ 

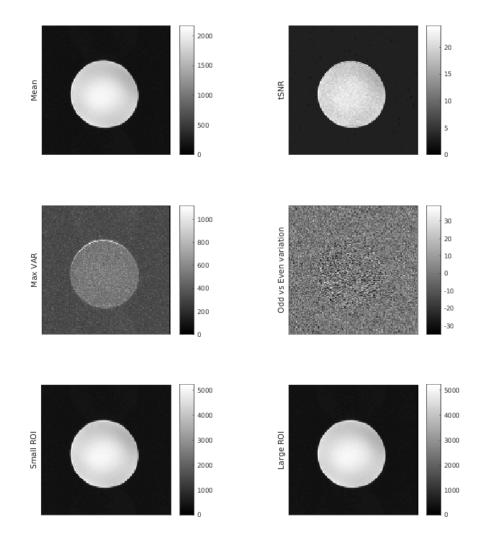
temporal SNR before and after drift correction  $tSNR\ ROI = 21.37$  increases to 23.55

Results in the large ROI

 $SNR \ ROI = 10.91 +- 0.054$  $SNR \ Ghost = 1.09 +- 0.005$ 

Maximum Displacement = 48.32 pixels





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