Results in the small ROI

 $SNR \ ROI = 17.06 +- 0.107$  $SNR \ Ghost = 1.07 +- 0.009$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 31.79\ increases\ to\ 32.01$ 

Results in the large ROI

 $SNR \ ROI = 14.23 +- 0.053$  $SNR \ Ghost = 1.07 +- 0.003$ 

Maximum Displacement = 56.28 pixels

Results in the small ROI

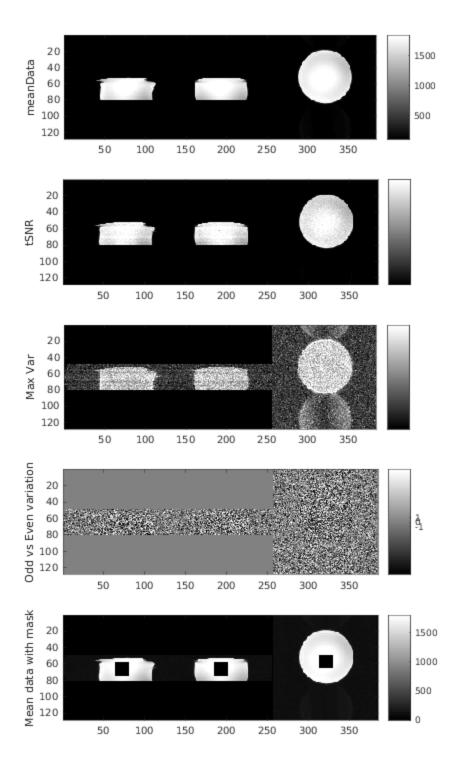
 $SNR \ ROI = 17.43 +- 0.096$  $SNR \ Ghost = 1.09 +- 0.008$ 

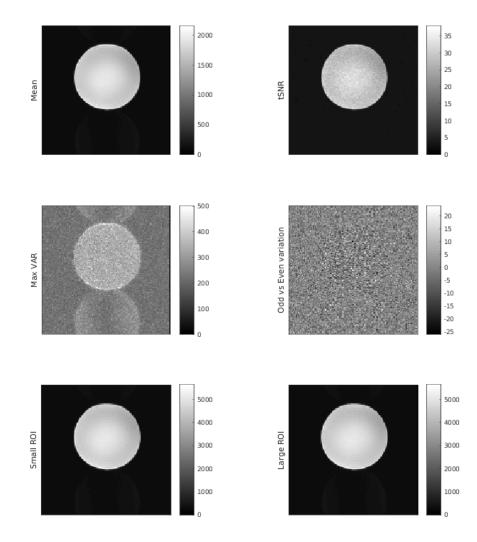
temporal SNR before and after drift correction tSNR ROI = 32.65 increases to 32.88

Results in the large ROI

 $SNR \ ROI = 14.58 +- 0.025$  $SNR \ Ghost = 1.22 +- 0.002$ 

Maximum Displacement = 57.10 pixels





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