Results in the small ROI

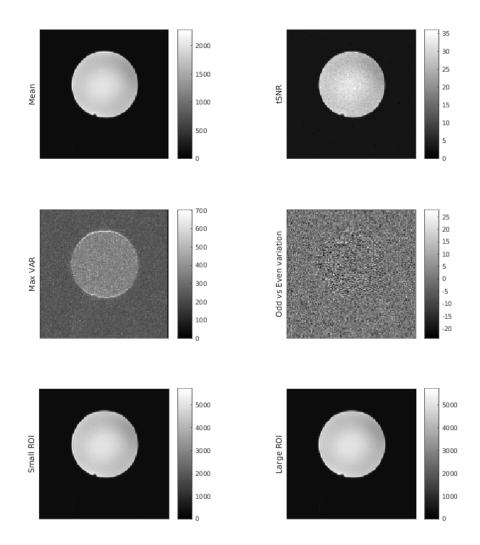
 $SNR \ ROI = 17.12 +- 0.107$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction tSNR ROI = 31.66 increases to 31.91

Results in the large ROI

 $SNR \ ROI = 14.15 +- 0.052$  $SNR \ Ghost = 1.06 +- 0.003$ 

Maximum Displacement = 55.61 pixels



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