Results in the small ROI

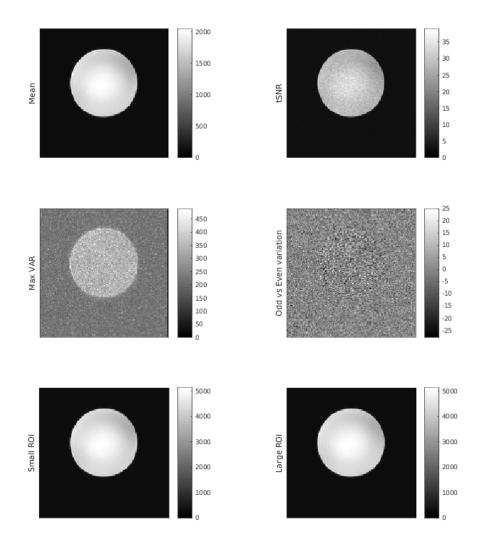
 $SNR \ ROI = 18.31 +- 0.127$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 33.37$  increases to 33.61

Results in the large ROI

 $SNR \ ROI = 15.11 +- 0.051$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 57.34 pixels



Results in the small ROI

 $SNR \ ROI = 18.74 +- 0.104$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction tSNR ROI = 34.25 increases to 34.50

Results in the large ROI

SNR ROI = 15.51 +- 0.028 SNR Ghost = 1.07 +- 0.002

Maximum Displacement = 58.17 pixels

