Results in the small ROI

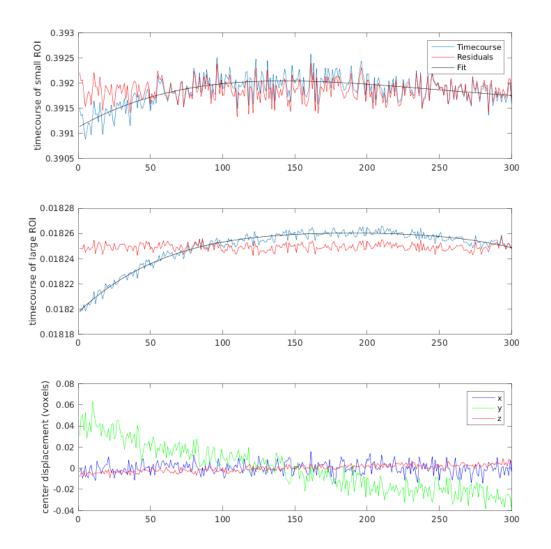
 $SNR \ ROI = 18.33 +- 0.104$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 33.42\ increases\ to\ 33.67$ 

Results in the large ROI

 $SNR \ ROI = 15.08 +- 0.030$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 55.93 pixels



Results in the small ROI

 $SNR \ ROI = 18.72 +- 0.106$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction tSNR ROI = 34.16 increases to 34.41

Results in the large ROI

 $SNR \ ROI = 15.43 +- 0.035$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 57.05 pixels

