Results in the small ROI

 $SNR \ ROI = 17.15 +- 0.104$  $SNR \ Ghost = 1.07 +- 0.008$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 31.88$  increases to 32.12

Results in the large ROI

 $SNR \ ROI = 14.19 +- 0.053$  $SNR \ Ghost = 1.07 +- 0.002$ 

Maximum Displacement = 56.30 pixels

Results in the small ROI

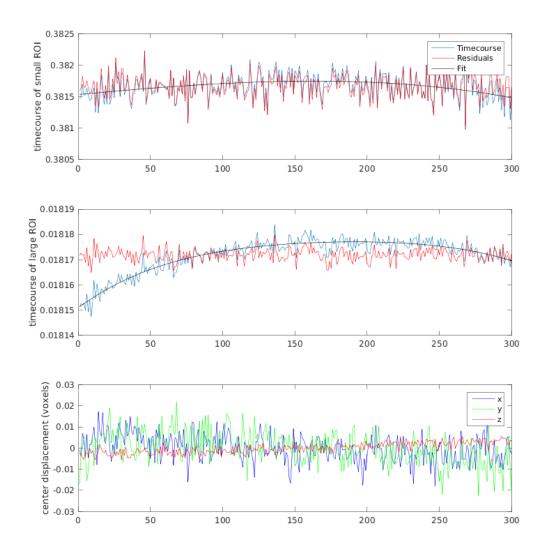
 $SNR \ ROI = 17.56 +- 0.104$  $SNR \ Ghost = 1.09 +- 0.009$ 

temporal SNR before and after drift correction  $tSNR\ ROI = 32.63$  increases to 32.86

Results in the large ROI

SNR ROI = 14.54 +- 0.029SNR Ghost = 1.22 +- 0.002

Maximum Displacement = 57.41 pixels



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