

Analytical Minimization-Based Regularized Sub-Pixel Shear Wave Tracking for Ultrasound Elastography

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I. SUPPLEMENTARY MATERIAL

A smaller window size in NCC leads to less bias, but increases the jitter. We now provide the displacement estimation results in the simulation experiment for a smaller window size of 27×1 . The results are provided in Fig. 1 below, which

should be compared with the results of Fig. 4 in the main body of the manuscript. It can be seen that the bias of the new NCC results are less than the ones in Fig. 4, but the jitter is much higher as expected.

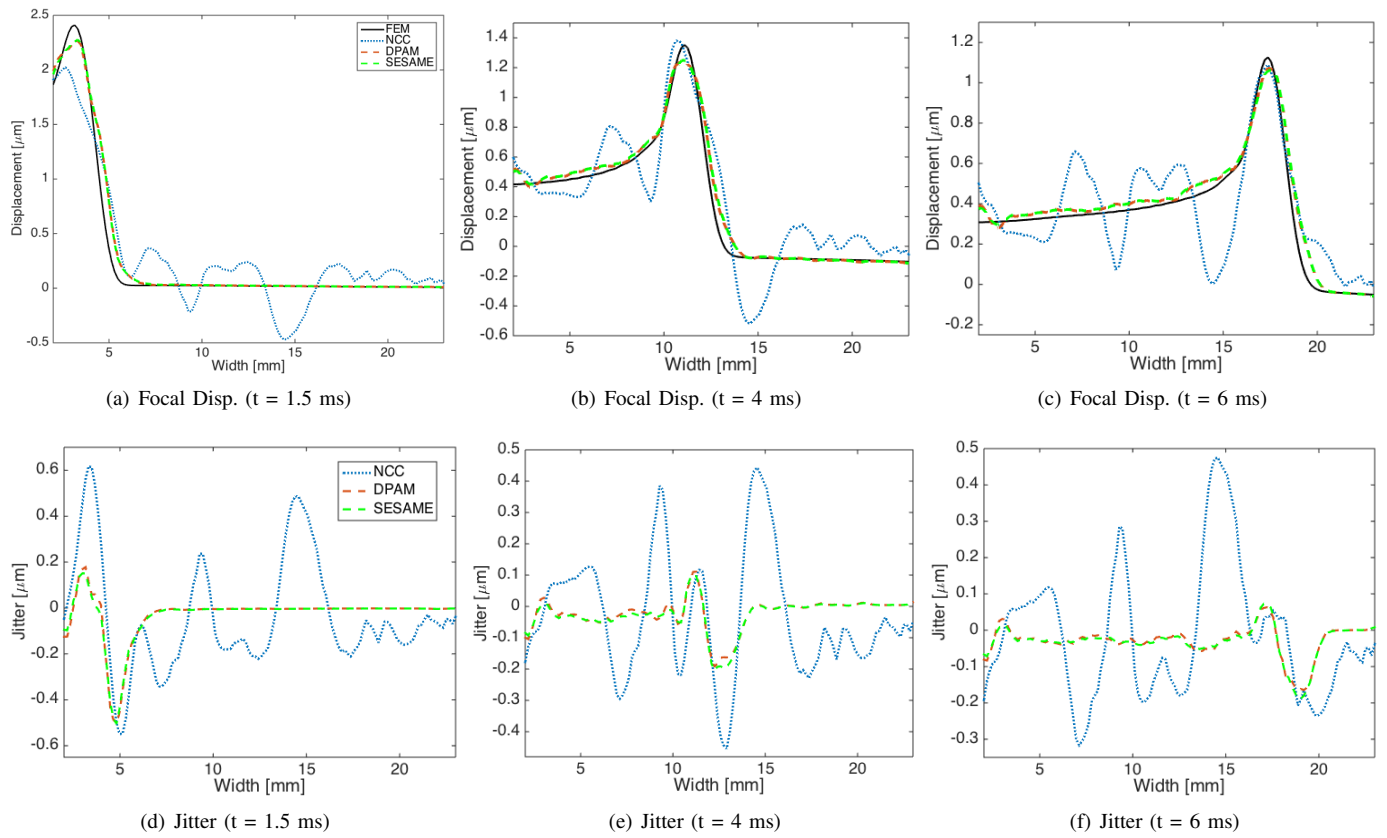


Fig. 1. Displacement field (first row) and jitter (second row) measured at a horizontal line located at the ARF depth at three different time instances following ARF. Please compare to Fig. 4 of the main body of the manuscript.