Interactive comment on “Brief communication: Full-field deformation measurement for uniaxial compression of sea ice by using the digital image correlation method” by Anliang Wang et al.

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Received and published: 29 April 2019

1. General response: All the modifications this version are based on the clean version which we submitted last time.

2. Editor: thank you for revising your manuscript. It is much improved and almost ready for publication. Response: Thank you for editor’s recognition. We are very happy to reach such level for publication in TC.

3. Editor: However, before we proceed I would like to ask you to include more material from your good responses in the manuscript. For example, please add the information C1
you have provided about the number of tests in response to the reviewer’s comments number 3. Response: According to editor’s suggestion and reviewer’s comments, we changed the page 5, line 6 and added one sentence on page 5, lines 7-8.

4. Editor: Similarly, it may be possible to include the information from other replies in the manuscript more clearly? Response: According to editor’s suggestion, we added one subtitle "2.3 Image processing" on page 4 and one figure "Figure 2: Flowchart of sea ice image processing for DIC method" on page 11. Following that, some figure numbers were changed for this version.

5. Editor: Please provide a short reply and an indication of the changes you will have made in response to my suggestions. Response: We made the indication of the changes for this version and the short replies were given according to the modifications.

Please also note the supplement to this comment: