

Interactive comment on “Imaging East European Craton margin in Northern Poland using extended-correlation processing applied to regional reflection seismic profiles” by Miłosz Mężyk et al.

Anonymous Referee #1

Received and published: 8 March 2019

General Comments

This paper is well written and requires only minor editing and some brief clarification of a couple points before publication. The data alone is worthy of publication and the authors' analysis is sound. Specific Comments

(1) At the beginning of the “3.2 Processing” section, the paragraph beginning at line 35 mentions “sediments”. Sediment usually refers to unconsolidated material. Do the authors mean “sedimentary rock”. Moreover, I do not know what the authors mean by

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“keep the original sweep bandwidth in the sediments”. This makes no sense to me with any interpretation of these words that I can think of. A rewrite of this sentence is warranted.

(2) In the “4 Results” section, beginning at line 5, amplitude decay curves are described. Were these calculated before or after AGC. The answer to this is likely to have implications for the interpretation of these curves.

(3) The line numbering the convention that starts over every 45 lines is not useful.

Technical Comments I have attached my handwritten comments on the manuscript for the authors to see my minor editorial suggestions. See uploaded pdf. Consider rewriting sentences that begin with “It is” and “There is” by moving a noun to the front of the sentences for better clarity and brevity.

Please also note the supplement to this comment:

<https://www.solid-earth-discuss.net/se-2019-26/se-2019-26-RC1-supplement.pdf>

Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-26>, 2019.

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