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Interactive comment on “Traces of the crustal units and the upper mantle structure in the southwestern part of the East European Craton” by I. Janutyte et al.

I. Janutyte et al.

ilma@norsar.no

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We thank Y. Yang for constructive comments, please find our replies below:

- 1) We modified Fig. 3 and enlarged the text in the legend. (Fig. 1 in this response)
- 2) We modified Fig. 9 and added the damping values on a curve. As an optimal damping value we used 80. This information will be added to the figure caption in the paper. (Fig. 2 in this response)
- 3) In the Resolution chapter we shortly discuss the hit matrix method and the checkerboard test used in order to see which parts of the synthetic model can be resolved.

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The $\pm 4\%$ velocity difference (compared to the IASP91 velocity model) of the synthetic blocks was chosen. The value of $\pm 4\%$ is not a velocity uncertainty, but a velocity contrast added to our synthetic model (during the checkerboard test).

Interactive comment on Solid Earth Discuss., 6, 985, 2014.

SED

6, C446–C449, 2014

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C447



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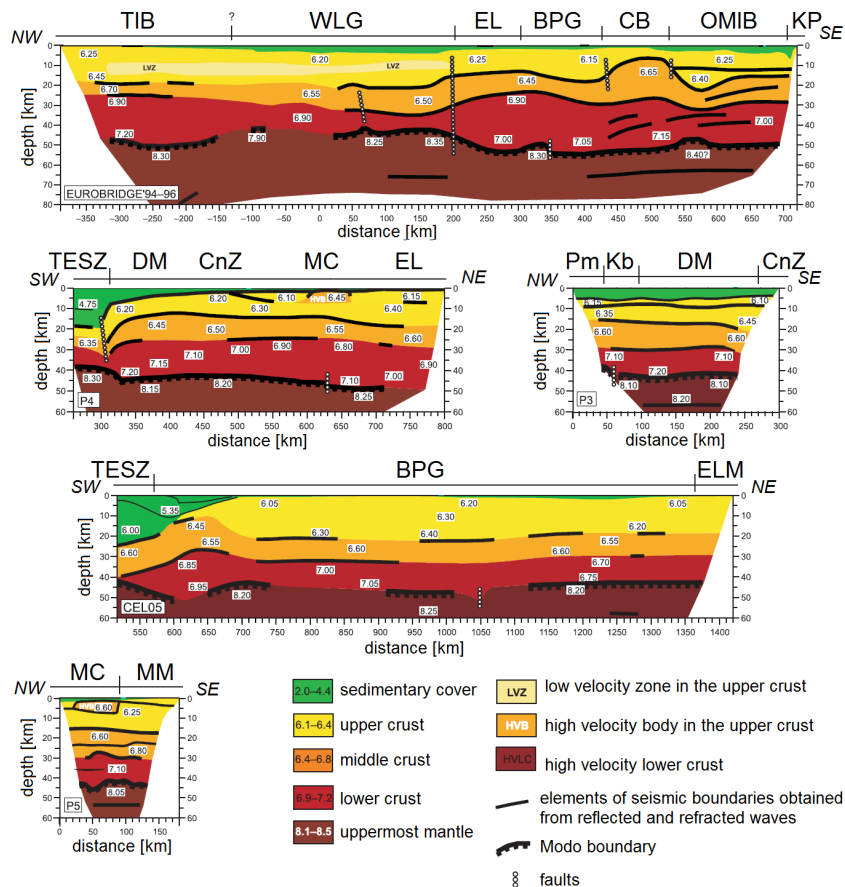


Fig. 1. Modified after Fig. 3 presented in the paper.

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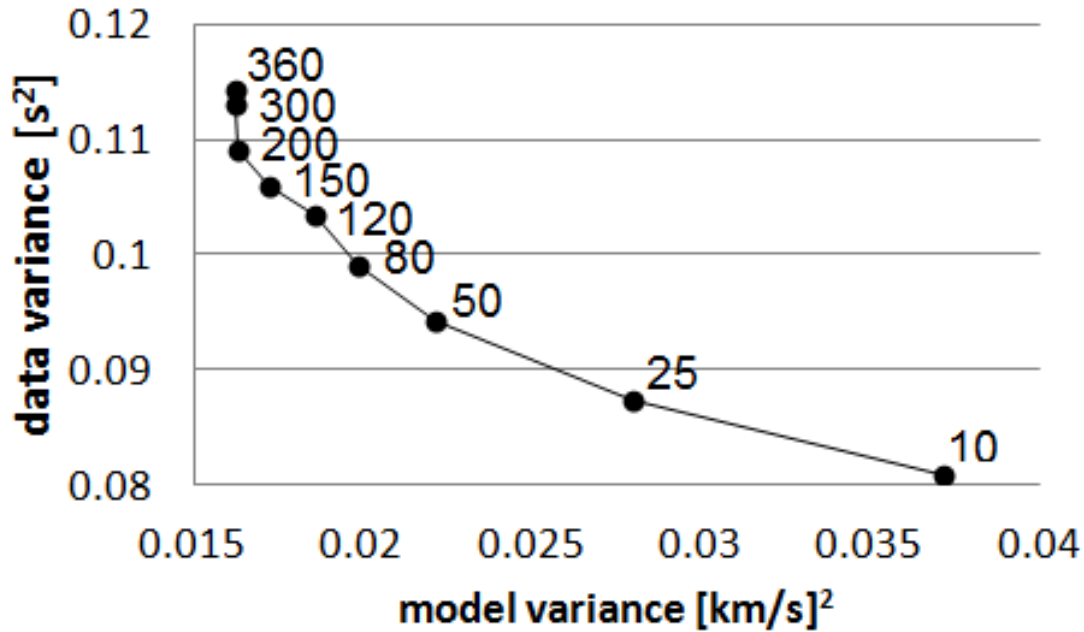


Fig. 2. Modified after Fig. 9 presented in the paper.

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