Solid Earth Discuss., 6, C426–C427, 2014 www.solid-earth-discuss.net/6/C426/2014/

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SED

6, C426-C427, 2014

Interactive Comment

## 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.

Y. Yang (Referee)

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Nice paper using tomography to build up a velocity for east European craton. Just a few things:

- 1. Please make the legend and text size bigger in figure 3, it is very hard to read now.
- 2. For figure 9, nice L curve analysis. Please circle the model that you choose as final model.
- 3. chapter 5 "resolution" discussed the uncertainty in inversion process and the method author used. Please elaborate the process to reach +-4% in velocity uncertainty.

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Interactive Discussion

Discussion Paper



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

## **SED**

6, C426-C427, 2014

Interactive Comment

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