

Interactive comment on "Mantle lithosphere transition from the East European Craton to the Variscan Bohemian Massif imaged by shear-wave splitting" *by* L. Vecsey et al.

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for the reply see supplement

Please also note the supplement to this comment: http://www.solid-earth-discuss.net/6/C567/2014/sed-6-C567-2014-supplement.pdf

Interactive comment on Solid Earth Discuss., 6, 229, 2014.





Fig. 1.



Analytical SKS signal as a damped sinusoid with a dominant period T=8s. The energy is only in Q component for moise-free SKS White noise of SN ratio equals to 10 and after filtering by a bandpass filter with a centre in 8is aided to all signal components (right panel). Finally, we apply a rotation of the signal in the LQT coordinate system, in the goographical NEZ coordinate system, with incidence angle S' and back-azimuths covering interval0-360°.

Anisotropy model: with FAST symmetry axis rotated to the azimuth ϕ =90° and incidence angle θ =45°. Thickness of the anisotropy layer is 100km.



Fig. 2.

C569





Fig. 4.

C571



Fig. 5.