Interactive comment on “Complex noise suppression and reconstruction of seismic reflection data from fault structures using Space Lagged Singular Spectral Analysis” by R. K. Tiwari et al.

Anonymous Referee #1

Received and published: 13 May 2014

The paper is interesting but needs major revision before publication. Below please find my comments.

1- title: Please use Singular Spectrum Analysis rather than Singular Spectral Analysis. Similarly, in the text, Space Lagged Singular Spectral Analysis should be changed. 2- A shorter version of Abstract is required. 3- Introduction: The SSA literature is a major point in Introduction. It is very poor and old. For MSSA, see for example: 3-1- Hassani, H and Mahmoudvand, R. (2013). MULTIVARIATE SINGULAR SPECTRUM ANALYSIS: A GENERAL VIEW AND NEW VECTOR FORECASTING APPROACH. International