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Interactive comment on "InSAR Technique Applied to the Monitoring of the Qinghai-Tibet Railway" *by* Qingyun Zhang et al.

Anonymous Referee #2

Received and published: 2 January 2019

The paper is generally interesting. The innovative issues are mostly related to the application of one of the different variants of the SBAS algorithm to the case under investigation. This also represents the weak point of the paper. The applied method is mentioned but not summarized, and this makes the paper quite not self-consistent. The results are suitable. I would like to suggest the authors add a short description of the used methodology with a particular emphasis on the estimation and removal of APS. Some minor changes are required concerning English style. Reference to the literature is not adequate but it must be improved by searching for the most recent publications on the InSAR field. Also, the original SBAS paper of Berardino et al. has not been cited. Also, several other SBAS-like methods have been designed and presented in the literature. Generally, I suggest Chinese scholars not being, at most, concentrated

on Chinese publications, which are surely relevant and of great significance, but to open to worldwide literature.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2018-287, 2018.