Geoscientific
Model Development
Discussions

Interactive comment on "An integrated user-friendly ArcMAP tool for bivariate statistical modeling in geoscience applications" *by* M. N. Jebur et al.

Anonymous Referee #1

Received and published: 14 November 2014

Same area has been studied previously by three authors of this study (MN Jebur, B Pradhan, MS Tehrany, 2014. Optimization of landslide conditioning factors using very high-resolution airborne laser scanning (LiDAR) data at catchment scale. Remote Sensing of Environment, 152, 150 – 165pp). We can observe the behavior of this study area against the employed methods more or less from this previous one. The novelty of this study should be the developing of BSA as ArcMAp tool, but there are very limited details about this point. Even pseudo codes of EBF, FR and WOE have not been presented. Most of paper consists of the methodological details of BSA, experimental results and study area. To make complex methods more practically applicable on the natural hazards is an important point and deserves to work. This point of view makes

this study interesting. However, authors preferred to present the tool as a detail and the method (BSA) as the major point. The last point is that, there are too much self-citations in the references (almost 21 of total 43).

Interactive comment on Geosci. Model Dev. Discuss., 7, 7239, 2014.