

Interactive comment on “Simulation of Fragmental Rockfalls Detected Using Terrestrial Laser Scans from Rock Slopes in South-Central British Columbia, Canada” by Zac Sala et al.

Anonymous Referee #1

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This paper is well written and describes a well executed study of rockfall hazards near railroad tracks. It uses a combination of airborne and terrestrial lidar data and benefits from a high number of repeat data collections. Overall, the intent of the study, data collection and methods are all well described. Further information on a few points, listed below in question form, would improve the paper.

1. Page 4 Indicates that monitoring at two sites has been continuous since 2012, with scans taking place approximately every three months. How many TLS scans were used in this study? (ie. Data was collected from 2012 to what year for this study?)
2. Were the TLS and ALS scans taken concurrently (or nearly so?) such that they could

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be compared for bias? (ie. Subtracting the TLS terrain, at a decimated resolution, from the ALS terrain should produce a near-zero result.)

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