

Interactive comment on “Regression models tolerant to massively missing data: a case study in solar radiation nowcasting” by I. Žliobaitė et al.

Anonymous Referee #2

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I am impressed with the paper. It makes an interesting and valuable contribution to the area of nowcasting in environmental sensor data, which is often characterised by missing data.

I think that the methods are sensible with a simplistic approach adopted to deal with the high-throughput data. I wonder if the literature in missing data could be more substantial. There are many areas of research that deal with missing data, and as the other reviewer mentions, a Bayesian approach could be adopted: Daphne Koller's work on models for monitoring could be relevant as could Ramoni's Bound and Collapse approach to handling missing data. I think a better review of this literature as well as more recent streaming data research would place the study in a better context.

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Interactive comment on Atmos. Meas. Tech. Discuss., 7, 7137, 2014.

C3118