

Reviewer Report

Title: Deep learning for clustering of multivariate clinical patient trajectories with missing values

Version: Revision 1 **Date:** 10/8/2019

Reviewer name: Alexandr Kalinin

Reviewer Comments to Author:

I appreciate the authors' effort to address my comment on the manuscript. My major concerns regarding their method's technical validation have been addressed in a sufficient manner. Specifically, they showed that VaDER demonstrates superior performance on real-life benchmark datasets and competitive results in simulation experiments compared to other freely available methods. Analysis of pre-imputation performance helped to better describe the behavior of the method in a range of missingness modes. Therefore, I recommend this manuscript for publication.

Level of Interest

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