

Evaluating Machine Learning Techniques for Early PTSD prognosis after Trauma using synthetic data.

Author:

Thomas J Wise

Student Number:

6664202

Programme:

Methodology and Statistics for the Behavioural, Biomedical and Social Sciences

Supervisors:

Dr. Mirjam van Zuiden

Prof. dr. Rens van de Schoot

Proposed Journal of Publication:

Multivariate Behavioural Research (MBR): Taylor and Francis

Ethics Approval

Status Accepted: #20-0039; Date: 09/10/2020

Status Accepted: #20-0140; Date: 27/10/2020

Introduction

Methodology

Original Data

Data Simulation

Comparative Testing: Data Simulation Methods

Reduction of Dimensionality

Application of Machine Learning Techniques

Outcome Results

Performance Metrics

Results

Discussion

References