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Prediction of learning   disorder : A-systematic review   (Conference Paper)

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Abstract   ⌄ View references (32)

Learning   Disorder refers to a number of disorder which may influence the understanding or use of verbal or nonverbal information. The most well-known types of learning   disorder involve an issue with reading, writing, listening, and speaking. When we talk about learning   disorder , most people only focusing on social development plan. Therefore, in this study, a systematic   review was performed to identify, assess and aggregate on the prediction methods used for a predict learning   disorder . The main objective of this paper is to, identify the most common prediction methods for learning   disorder , in terms of accuracy by using the systematic review technique. From the main objective, we can define the research questions such as, which is the most common and the most accurate prediction methods used for learning   disorder . In conclusion, the most common prediction methods for learning   disorder which is Decision Tree and Support Vector Machine. For accuracy, Decision Tree, Linear Discriminant Analysis and K-Nearest Neighbor methods have the highest prediction accuracy for a learning   disorder . From these findings, this paper can guide others to predict learning   disorder by using the most common methods to get the best result in term of accuracy. © Springer Nature Switzerland AG 2019.

SciVal Topic Prominence ⓘ

Topic: Child Development Disorders, Pervasive | Autistic Disorder | Disorders ASD

Prominence percentile: 98.864   ⓘ

Author keywords

(Data mining) (Learning   disorder) (Prediction   model) (Systematic   review)

Indexed keywords

Engineering   (Data mining) (Decision trees) (Discriminant analysis) (Nearest neighbor search)
controlled terms: (Support vector machines)

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Funding details

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doi: 10.1016/j.ridd.2018.10.002

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