

Paper Title : Pattern recognition in medical decision support.

Author : Shadnaz Asgari ,Fabien Scalzo, Magdalena Kasprowicz

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1 Summary :

1.1 Motivation:

The paper titled “Paper Recognition in Medical Decision Support” shows the importance of pattern in the different fields of medical terms . Pattern recognition is a method which uses machine learning algorithms to recognize patterns and regularities in data. It is an automated recognition system of patterns.

1.2 Contribution:

Pattern recognition method helps to detect a specific pattern type quickly and accurately. This technique is also very much helpful in the field of biological terms . The fundamental objective of pattern recognition in medical decisions is to identify different biological data such as identifying genes , proteins and determining their functions. In this term pattern recognition can help identify the sequences , understanding their variations to find relationships among them.

1.3 Methodology :

Pattern recognition methods can provide medical decision support by data analyzing medical images such as X ray , MRI , CT scans etc. Moreover , it can also use the previous recorded data of patient monitoring devices and use them for clinical decision making. It can play a vital role to enhance a quality medical decision and cost effective healthcare. To add more timely decision making is also very important for the betterment of a patient's condition and in this case pattern recognition algorithm techniques plays a major role to provide clinical decision making. It can also provide medical decisions based on previous success cases according to the symptoms of diseases.

1.4 Conclusion :

Overall pattern recognition in medical decisions is an important technique for the advancement of healthcare systems. It can help to improve patients diagnosis accuracy, treatment decisions, patient outcomes, and the overall efficiency of healthcare delivery.

2 Limitations

2.1 First Limitation:

Quality of data is very important to this project

2.2 Second Limitation :

Along with quality it is also important the quantity of data .

Synthesis

The paper presents how pattern recognition can help to solve different medical related issues.

