File name: FID-015.txt

Result: PLAGIARISM NOT DETECTED

Plagiarism Detected: 0.00%

Text to analyze: The machine learning field, which can be briefly defined as enabling computers make successful predictions using past experiences, has exhibited an impressive development recently with the help of the rapid increase in the storage capacity and processing power of computers. Together with many other disciplines, machine learning methods have been widely employed in bioinformatics. The difficulties and cost of biological analyses have led to the development of sophisticated machine learning approaches for this application area. In this chapter, we first review the fundamental concepts of machine learning such as feature assessment, unsupervised versus supervised learning and types of classification. Then, we point out the main issues of designing machine learning experiments and their performance evaluation. Finally, we introduce some supervised learning methods.

Sentence: The following sentence: 'The machine learning field, which can be briefly defined as enabling computers make successful predictions using past experiences, has exhibited an impressive development recently with the help of the rapid increase in the storage capacity and processing power of computers.' does not present plagiarism

Sentence: The following sentence: 'Together with many other disciplines, machine learning methods have been widely employed in bioinformatics.' does not present plagiarism

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Sentence: The following sentence: 'In this chapter, we first review the fundamental concepts of machine learning such as feature assessment, unsupervised versus supervised learning and types of classification.' does not present plagiarism

Sentence: The following sentence: 'Then, we point out the main issues of designing machine learning experiments and their performance evaluation.' does not present plagiarism

Sentence: The following sentence: 'Finally, we introduce some supervised learning methods.' does not present plagiarism