

# An Analysis of the New Path of Patriotic Education in Ideological and Political Courses in Universities

Yuping Wang

Chongqing Women's Vocational High School, Chongqing 400026, China

**Abstract:** *Patriotism is the most sincere and simple sentiment of the Chinese people. As the successors of China's future socialist cause, students in universities play a very important role. Therefore, patriotic education should become the core content of ideological and political courses for students in various universities in China. In this development context, it is necessary to conduct research on the path of patriotic education for students. This article explores and analyzes a series of effective measures for carrying out patriotic education in ideological and political courses in universities. The current study of human activity recognition and classification has been an important part of promoting the development of science and technology in society. Human activity recognition and classification are in several fields, such as competitive sports, criminal investigation field, etc. As the field of micro-electromechanics continues to evolve, more accurate human recognition is becoming possible, with wearable multi-axis inertial sensors that allow us to visually detect the desired data. In this paper, the data of 19 human activities for 8 testers are feature extracted and normalized. The data are divided into training and test sets by machine learning models: support vector machine (SVR) classification, XGBoost classification, and logistic regression. The experiment was repeated 10 times to take the average value. The models were then scored, and by comparing integrated machine learning with traditional machine learning, it was found that integrated learning improved by 5% -29% in terms of accuracy compared to traditional machine learning.*

**Keywords:** universities; New path; teacher; patriotism education Ideological and political courses.

## 1. INTRODUCTION

Patriotism is the core of China's national spirit, which plays an important role in consolidating the Chinese heart and inspiring the national spirit. The ideological and political courses carried out in university courses are aimed at all young students and are the main battlefield of patriotic education. Therefore, it is necessary to establish a pure teaching team with firm political beliefs, deep family and national feelings, and broad perspectives. At the same time, further promote the reform of ideological and political courses, and mobilize students' enthusiasm and initiative in a more substantial and flexible way. Nowadays, research on the recognition and classification of human activities relies more on cameras, and other devices to capture human activities in motion, for example, in the field of film and television, games and criminal investigation have a wide range of motion capture [3,4]. The three-dimensional data can be a more accurate identification of human activities, but this method for the selection of the machine, the use of environmental, dead-end loss of information problems, and other conditions have requirements, and three-dimensional data is not easy for long-term storage costs are also very high, while the three-axis inertial sensor can be three-dimensional data through a one-dimensional expression, accounting for very little memory and one-dimensional data to facilitate subsequent processing, for the identification of human activities and classification of universal access has great advantages.

When it comes to the choice of sensors, wearable sensors are the obvious choice for recording human activities. In recent years inertial sensors have been developed and applied in-car navigation, intelligent robot state analysis, and medical and other applications. The development of microelectromechanical technology in recent years has led to a continuous decline in the cost of inertial sensors, of which high-precision low-cost three-axis inertial sensors are increasingly being used by the general public, and inertial accelerometers load a collection of microsensors such as accelerometers, gyroscopes, magnetometers, etc [1] into wearable device species to identify data such as angular velocity for us. This makes it easy to identify human activities using multiple inertial sensors and can be extended to many aspects such as competitive sports and medical care.

In the data obtained through inertial sensors, what machine learning models are used to classify the data after feature extraction, and which one can make the test data more accurate is what we want to explore in this paper, so this paper uses several machine learning models including XGBoost classification, support vector machine classification, and so on. Because of the consideration of arithmetic power and efficiency, we also set up 2 kinds of data after PCA dimensionality reduction and before PCA dimensionality reduction to see if the accuracy rate is similar in the case of reducing computing time to increase efficiency.

## 2. THE SIGNIFICANCE OF INTEGRATING PATRIOTISM EDUCATION INTO IDEOLOGICAL AND POLITICAL COURSES IN UNIVERSITIES

### 2.1 Meeting the fundamental goals of ideological and political courses in universities

Integrating patriotism education into ideological and political courses in universities is of great significance. In the long history of a country, countless people have made tremendous contributions to its development at their own expense. It can be said that if there are no patriots who contribute to the country, then the country cannot prosper. These selfless dedication deeds present many practical cases that have educational significance for students.

## **2.2 Due to the severe needs of foreign forms**

At present, China is facing internal and external risks. Students in their university careers have not yet fully formed their own life, values, and worldview. At the same time, their own discernment and judgment abilities are also in the development stage. Therefore, college students are very susceptible to various external factors and environmental influences. Externally, the separatist actions of reactionary and separatist forces towards China have never ceased. Some hostile countries have jealousy towards China's achievements through unremitting efforts, and are jealous of the achievements made in China's economic development process. In various aspects such as China's scientific and technological development, national resources, national territory, and diplomacy, hostile countries often engage in "collision" with China. Faced with constant provocation from hostile forces, if ideological and political teachers cannot guide students from a macro perspective in a timely manner, it will have a serious impact on students and often lay hidden dangers for the color revolution. Internally, due to the rapid development of the internet and big data, students can access more diverse information resources through information networks, and the channels for obtaining information resources are also very diverse. Under the background of various cultural thoughts interwoven and various social thoughts exchanged, some college students have abstract, nihilism and other negative attitudes. This phenomenon has brought a serious impact on patriotism education in ideological and political courses.

## **2.3 Meeting the "Two Centenary Development Goals"**

In order to meet the development goals of the "Two Centenary Goals", it is necessary to integrate patriotic education into ideological and political courses in universities. The original intention of our party is to promote national rejuvenation and development. If students themselves do not possess patriotic ideas and are unable to develop patriotism, they are likely to procrastinate and slack off in their daily life and work in the future, and do not care about the development of the country. After joining the workforce, it is likely to have a certain degree of impact on alleviating poverty, promoting comprehensive deepening of reform, and achieving the "Two Centenary Goals". XGBoost is an efficient implementation of the Gradient Boosting Decision Tree, which is a weak classifier that sums the results directly to the predicted value and then fits the next weak classifier to the error of the previous predicted value. Unlike GBDT, XGBoost adds a regularization term to the loss function, significantly improving computational speed and efficiency where the X stands for Extreme.

## **3. EFFECTIVE WAYS TO CARRY OUT PATRIOTIC EDUCATION IN IDEOLOGICAL AND POLITICAL COURSES IN UNIVERSITIES**

### **3.1 Building a patriotic faculty in universities**

Each time, one sub-dataset is used to validate the model and the other K-1 sub-datasets are used to train the model. The errors of these K training sessions are then averaged. This method can reduce the occurrence of chance events to improve the accuracy but may miss data resulting in not learning some data with very low accuracy in testing [6]. The leave-one-out method of dividing only once is a special case of K-fold cross-validation, with more accurate results but too high of a computational cost to be put into daily use.

#### **(1) Teachers should have firm political beliefs**

If ideological and political teachers themselves do not possess clear Marxist beliefs and a firm political stance, it will be difficult to fully play the important role of ideological and political teachers as soul engineers, and it will also be difficult to guide the patriotic spirit and ideology of college students. In the context of the new era, to strengthen patriotic education, ideological and political teachers in universities must have a firm political belief, constantly adhere to Marxist beliefs, and at the same time adhere to the principles of love for the Party, patriotism, and socialist unity, so as to play a role in promoting and practicing the Party's policies and strategies.

#### **(2) Teachers should have a deep sense of patriotism**

Cultivating the patriotism spirit of college students is very important for promoting the unity of family affection and patriotism. The relationship between family and country is also one of the excellent traditional cultures of our nation. Whether it is for the survival of the country, the fearlessness of avoiding life and death due to disasters and blessings, the responsibility of "everyone is responsible for the rise and fall of the world", or the resounding oath of "studying for the rise of China", all of these reflect the family and national spirit passed down from generation to generation. As a teacher of ideological and political courses in

universities, one should fully understand the relationship between family and the country, and use their own practical actions to inherit and practice. Only from the heart can one be sincere and touching. Teachers who do not possess a deep sense of national sentiment themselves are also difficult to infect students and cultivate their spirit of loving the great motherland.

(3) Teachers should have a broad global perspective

The world today is undergoing tremendous changes that have never occurred in a century. As teachers of ideological and political courses in universities, they should possess global thinking and a broader global perspective, and use this to cultivate their own global and global perspectives, so that they can witness the continuous evolution and development of relationships between different countries, understand that the current international governance system is in a constantly changing stage, and let students understand that our country is in a state of change. The important role in the constantly changing world. Enable students to reflect on the heavy responsibilities they should shoulder in the face of global change crises and opportunities, and shoulder the heavy responsibility of developing in the new era.

### **3.2 Reform the political classroom and fully leverage the role of classroom teaching as the main channel**

The leave-out method is straightforward to divide the data set using stratified sampling. If there is too much data, most of the data is used as the training set and a small portion of the data is used as the test set. This method is easy to operate and computationally small, but it is divided only once and cannot exclude the occurrence of chance results.

(1) Innovate on teaching content

To successfully carry out patriotic ideological education in ideological and political courses, teachers must respond to students' ideas with a more thorough theoretical analysis, convince students with a more thorough ideological theory, and guide college students with a stronger force of truth. Utilize solid theoretical strength to explain to college students what patriotism and ideology are, so that they truly understand why they should adhere to the unity of loving the Party, patriotism and socialism. In addition, when carrying out patriotic education, it is not only necessary to have detailed theoretical descriptions, but also to have emotional resonance. Patriotism is not only a rational identification, but also an emotional identification. The ideological and political classroom filled with theoretical knowledge is too dull and uninteresting, unable to directly touch the hearts of college students, and cannot resonate with students' patriotic ideas. Based on this, teachers should adhere to a teaching method of moving people with emotions in the process of teaching patriotism, utilize various touching stories, and use vivid and rich language to make patriotism education shake students' hearts.

For example, 2020 marks the 70th anniversary of China's War to Resist US Aggression and Aid Korea. The People's Volunteer Army, who strives hard and lives tirelessly, can fully demonstrate the inherent spirit of patriotism through this example, and can leave a deeper impression on students' hearts. In addition to elaborating on historical facts, teachers can also use the reading of posthumous and family letters from the People's Liberation Army and the Volunteer Army to

Students are getting closer to the People's Volunteer Army and the People's Liberation Army. Qingft is full of loyalty, and defending the country is not just a slogan. They may be ordinary, but they have become great due to their strong patriotism. Based on this, teachers should strive to provide students with a deeper understanding of volunteer soldiers, as well as their own good revolutionary heroism and profound patriotism, so that students can have a deeper understanding of patriotism.

(2) Innovative teaching methods and means of ideological and political education

For young students, they already have a certain amount of knowledge reserves and also possess a certain level of self-learning ability. Based on this, adopting traditional teaching methods and methods in ideological and political courses by teachers will inevitably make students feel dull and boring, and it is also difficult to mobilize students' enthusiasm for learning related knowledge and ideas. Based on this, teachers can innovate teaching methods and methods for ideological and political education, adopting forms such as group collaborative discussions and real case analysis, allowing students to use their abilities to search for information, understand history, internalize theories, and ultimately deepen their value cognition.

For example, Li Xueqin, one of the most influential figures of the year 2020, used cultural performances to fully demonstrate the hope of empathy with the public with the most simple details. Li Ziqi, one of the influential figures of the year in 2019, won the love of the people through short videos and also received attention and coverage from media such as CCTV. In ideological and political education, teachers can use Li Ziqi's videos as teaching opportunities to conduct case studies and explore the stories behind her. Through the explanation of Li Ziqi, students can understand how she, as an ordinary person, writes about a colorful life with struggle as the background. Students are inevitably amazed and proud of the traditional culture presented in the video, A more fundamental and profound force that enhances students' cultural confidence. Teachers can also think deeply about how to tell Chinese stories well in the new era and strengthen China's international cultural exchange. Through the analysis of real

cases, students can have a deeper understanding of Li Ziqi and understand how hardworking Chinese people create a better life.

#### 4. CONCLUSION

In summary, ideological and political course teachers are the main role in carrying out patriotic education in universities, and ideological and political course teaching is the most effective way to carry out patriotic education. Ideological and political course teachers in universities should fully explore various well-known cases in China's history, explore their rich educational elements, and use these elements to carry out patriotic education for college students, making them fully aware of the importance of patriotism, Understand that the great rejuvenation of our nation requires the spirit of patriotism as a guide. Ultimately, students are encouraged to keep up with the development of the times under the guidance of ideological and political teachers.

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