

Conclusions: English writing is an important way to improve students' mastery of English. However, due to the boring writing and the huge academic pressure, some students will have anxiety and fear towards English writing, and then have avoidance and anxiety towards English writing. Students' avoidance psychology mainly comes from their lack of confidence in their English level and learning anxiety caused by poor learning efficiency. Therefore, the research is based on educational psychology to improve the college English teaching model. The experimental results showed that after a period of teaching, the SAS score of students in the study group decreased significantly ($P < 0.05$), and was significantly lower than that in the control group ($P < 0.05$). The academic performance of the study group was significantly higher than that of the control group ($P < 0.05$). It shows that the improvement of English teaching model can significantly improve students' English level, improve students' self-confidence, alleviate students' learning anxiety, and eliminate students' learning avoidance psychology in the process of English writing.

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ECONOMETRIC ANALYSIS OF CHINA'S RESIDENTS' CONSUMPTION GAP UNDER THE BACKGROUND OF CONSUMPTION PSYCHOLOGY

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Background: In the process of China's rapid economic development, the income distribution gap of Chinese residents is gradually expanding. Studies have reported that in 2007, the Gini coefficient of Chinese residents has exceeded 0.45. The widening income gap has also directly led to a large gap in the consumption level of Chinese residents. Among them, the consumption gap between urban and rural residents is the most intuitive and obvious. Studying and analyzing the consumption gap of Chinese residents will help to maintain the sustainable development of China's economy and narrow the income gap of Chinese residents, so as to achieve a well-off society in an all-round way and improve national happiness. However, the research and analysis of the national consumption gap has a huge workload, and some staff engaged in this cause are often unable to complete their work accurately and efficiently. Therefore, they doubt their ability to work, and then have anxiety. Frustration is a kind of psychological state in which an individual is unable to overcome his or her fear and anxiety, which leads to the formation of a state of self-confidence and frustration. Long term and excessive anxiety will damage the patient's body function, reduce the patient's mental health level, and affect the patient's normal work and life. Therefore, it is necessary to find an appropriate method to measure and analyze the consumption gap of residents in China in order to alleviate the anxiety of staff.

Consumer psychology is a branch of psychology that mainly studies the consumer behavior and psychological change law of consumers in consumer activities, including the process of consumers' psychological activities, consumers' personality psychological characteristics and so on. In the theory of consumer psychology, it is believed that consumers have a series of complex psychology in the process of making purchase decisions, such as seeking truth, beauty, convenience, comparison, preference, conformity, pride, possession, preservation, nostalgia, love to take advantage, fear of regret and so on. Based on consumer psychology, this study analyzes the consumption situation of Chinese residents, puts forward assumptions based on the analysis results, and constructs an index system to measure and analyze the consumption gap of Chinese residents, so as to alleviate the anxiety of staff.

Objective: The income distribution gap of Chinese residents is gradually expanding, which leads to a large gap in the consumption level of Chinese residents. The research and analysis of the national consumption gap has a huge workload. Some staff engaged in this cause are often unable to complete their work accurately and efficiently. Therefore, they doubt their ability to work, and then have anxiety. This study constructs an index system based on consumer psychology to measure and analyze the consumption gap of residents in China, so as to alleviate the anxiety of staff.

Subjects and methods: 60 people engaged in related work were selected as the research objects. Self-rating Anxiety Scale (SAS), Hospital Anxiety and Depression Scale (HADS) and Symptom Checklist 90 were used to evaluate the anxiety degree of the two groups.

Study design: The subjects were randomly divided into study group and control group by random number table method, with 3 in each group 0 people. Among them, the research group used the index system based on consumer psychology to analyze the consumption gap of Chinese residents, and the control group used the traditional method to analyze the consumption gap of Chinese residents. After a period of time, the

anxiety levels of the two groups were compared.

Methods: The relevant data were processed and analyzed by software SPSS18.0 and Excel.

Results: Before the experiment, there was no significant difference in SAS score between the two groups ($P > 0.05$). After the experiment, the SAS score of the study group decreased significantly ($P < 0.05$) and was significantly lower than that of the control group ($P < 0.05$), as shown in Figure 1.

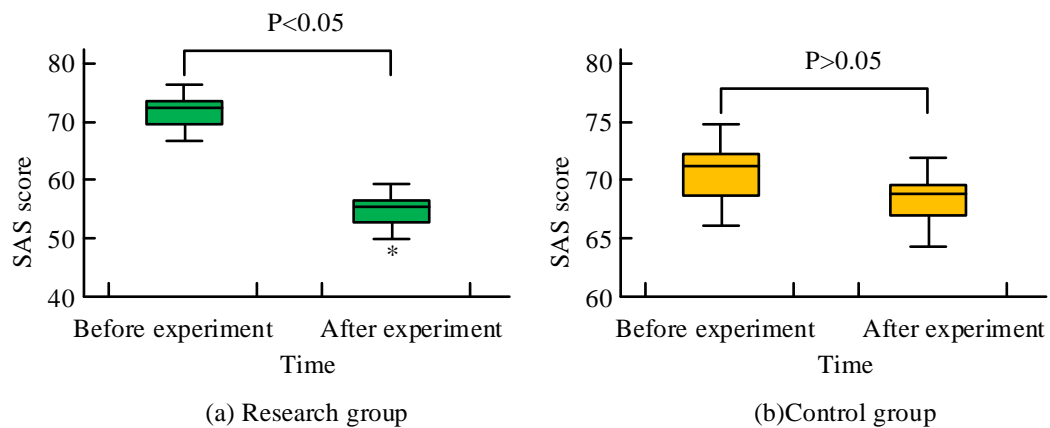


Figure 1. SAS scores of two groups of subjects
Note: * $P < 0.05$ compared with the control group.

Conclusions: In the process of China's rapid economic development, the income distribution gap of Chinese residents is gradually expanding, which leads to a large gap in the consumption level of Chinese residents. Among them, the consumption gap between urban and rural residents is the most intuitive and obvious. Studying and analyzing the consumption gap of Chinese residents will help to maintain the sustainable development of China's economy and narrow the income gap of Chinese residents, so as to achieve a well-off society in an all-round way and improve national happiness. However, the research and analysis of the national consumption gap has a huge workload, and some staff engaged in this cause are often unable to complete their work accurately and efficiently. Therefore, they doubt their ability to work, and then have anxiety. Therefore, the research constructs an index system based on consumer psychology to measure and analyze the consumption gap of residents in China, so as to alleviate the anxiety of staff.

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THE INFLUENCE OF INNOVATIVE PIANO TEACHING MODE ON STUDENTS' COGNITIVE PSYCHOLOGY IN COLLEGES AND UNIVERSITIES

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Background: With the continuous progress of the times, the requirements for the level of college students are becoming higher and higher. College students need all-round development in morality, intelligence, physique, beauty and labor, which has become the consensus of all sectors of society. In the education system of colleges and universities, piano teaching in colleges and universities is one of the main ways to improve students' aesthetics, cultivate students' taste, improve students' musical literacy, cultivate students' sentiment, alleviate students' anxiety and improve students' mental health level. At the psychological level, anxiety belongs to a kind of negative emotion, which is an emotional state of tension, anxiety and fear because individuals are in a dangerous state of being unable to achieve their goals or overcome obstacles. At present, there are some problems in piano teaching courses in colleges and universities, which cannot fully play its role in alleviating students' anxiety. Therefore, the long-term backlog of students' anxiety cannot be vented, which will lead to students' cognitive problems. Cognition refers to the process that the brain processes the acquired information and skills intelligently. In the process of cognition, it will involve a series of complex social behaviors and activities such as learning, memory, emotion, thinking and so on. When the human cerebral cortex is damaged by various factors, the brain's intelligent processing process will be limited and abnormal, which will lead to cognitive impairment. Therefore, it is necessary to innovate and reform the piano teaching mode in colleges and universities, so