

Methods: Complete the data analysis through SPSS23.0 data statistical analysis software.

Results: Table 1 shows the improvement of anxiety disorder of employees in two groups of chemical enterprises. Compared with the control group adopting routine performance appraisal, the experimental group implementing the performance appraisal mode considering the psychological state of employees with anxiety disorder improved the anxiety disorder of employees in chemical enterprises more significantly, and there was significant difference between the two groups ($P < 0.05$).

Table 1. Improvement of anxiety disorder of employees in two groups of chemical enterprises ($n=300$)

Factor	Control group ($n=150$)	Experience group ($n=150$)	P
Somatization	3.75±0.61	1.66±0.61	0.00
Obsessive compulsive symptoms	4.69±0.59	1.52±0.60	0.00
Interpersonal sensitivity	4.47±0.43	1.39±0.43	0.00
Depressive status	3.54±0.55	1.45±0.56	0.00
Anxiety state	3.36±0.41	1.25±0.43	0.00
Hostile situation	3.44±0.56	1.43±0.57	0.00
Psychological state of terror	4.29±0.42	1.28±0.43	0.00
Paranoid mental state	4.75±0.61	1.66±0.61	0.00
Psychotic	3.69±0.59	1.52±0.60	0.00

Conclusions: The performance appraisal model of chemical enterprises considering the psychological state of employees with anxiety disorder has an important impact on alleviating the problem of employees with anxiety disorder. It can not only help employees form correct work values, but also actively relieve the psychological pressure of employees. Therefore, it can be said that the performance appraisal model of chemical enterprises considering the psychological state of anxiety employees has high theoretical and practical value.

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STUDY ON INFLUENCING FACTORS OF COURIER OCCUPATIONAL SAFETY FROM THE PERSPECTIVE OF PSYCHOLOGY

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Background: Mental health refers to that all aspects of the psychological and activity process are in a good or normal state. The ideal state of mental health is to maintain good personality, normal intelligence, correct cognition, appropriate emotion, reasonable will, positive attitude, appropriate behavior and good adaptability. Influenced by heredity and environment, especially the rearing style of primitive family in childhood, has a great impact on the development of mental health. Mental health problems are very prominent. It can maintain good communication or cooperation with others in society, production and life, and deal with all kinds of situations in life. Individuals can adapt to the development environment and have perfect personality characteristics. Its cognition, emotional response, will and behavior are in a positive state, and can maintain normal regulation ability. In life practice, if we can correctly understand ourselves, consciously control ourselves, correctly deal with external influences, and maintain psychological balance and coordination, we will have the basic characteristics of mental health. The basic meaning of mental health is that all aspects of psychology and activity process are in a good or normal state. The ideal state of mental health is to maintain a sound personality, normal intelligence, correct cognition, appropriate emotion, reasonable will, positive attitude, appropriate behavior and good adaptability. Corresponding to mental health are mental sub-health and mental illness. Mental health has different meanings and measurement standards from different angles. Mental health is an important aspect of modern people's health, so what is people's mental health? There are standards for people's physical and mental health. However, people's mental health standards are not as specific and objective as people's physical health standards. Understanding and mastering the definition of mental health is of great significance to improve and maintain people's health. When people master the standard of measuring people's mental health, they can self-diagnose their mental health according to their own situation. If you find that there is a certain

distance between one or several aspects of your mental state and the mental health standard, you can strengthen psychological exercise to achieve the level of mental health. If you find that your mental state seriously deviates from the standard of mental health, you should seek medical treatment in time for early diagnosis and treatment. Mental health refers to the psychological state of continuous and positive development. In this state, the subjects can adapt well and give full play to their physical and mental potential.

With the development of social economy, people's life and work pressure is increasing. Mental health has become a problem that workers in all walks of life need to pay special attention to. More and more employees in enterprises have mental health problems. The survey shows that the probability of employees having mental health problems is as high as about 30%. According to the analysis, due to the multiple "squeezes" of family affairs, their own health status and occupational pressure, workplace employees gradually have various crisis psychology and gradually evolve into mental health problems. Due to the low cultural level of most express operators, the lack of professional skills and safety awareness, as well as the imperfect platform performance algorithm and management, there are frequent safety accidents in the work of express workers, and the problem of occupational safety assurance is becoming more and more serious. Therefore, it is an urgent task for the healthy development of the industry to analyze the factors affecting the occupational safety guarantee of couriers, formulate solutions to specific problems and fill the loopholes of the occupational safety guarantee of couriers. Relevant research shows that the mental health problems of couriers have an important impact on their occupational safety, and the healthier the mental health of couriers, the fewer occupational safety accidents. In view of this, this paper studies the influencing factors of courier occupational safety from the perspective of psychology.

Objective: In order to fully ensure the occupational safety of couriers, this paper analyzes the influencing factors of the occupational safety of couriers from the perspective of psychology, in order to clarify the internal relationship between the mental health of couriers and their occupational safety, so as to strengthen the occupational safety guarantee of couriers.

Subjects and methods: 500 couriers were randomly selected as the research object, and the mental health and occupational safety ability of 500 couriers were evaluated. Both of them adopted the five-level scoring method. Then, the correlation between mental health and occupational safety ability of 500 couriers was evaluated as a whole.

Methods: Complete the data analysis through SPSS23.0 data statistical analysis software.

Results: Figure 1 shows the correlation between the mental health of couriers and their occupational safety ability. It can be seen from Figure 1 that the mental health of the courier is positively correlated with his occupational safety ability, and the higher the mental health of the courier, the higher his occupational safety ability.

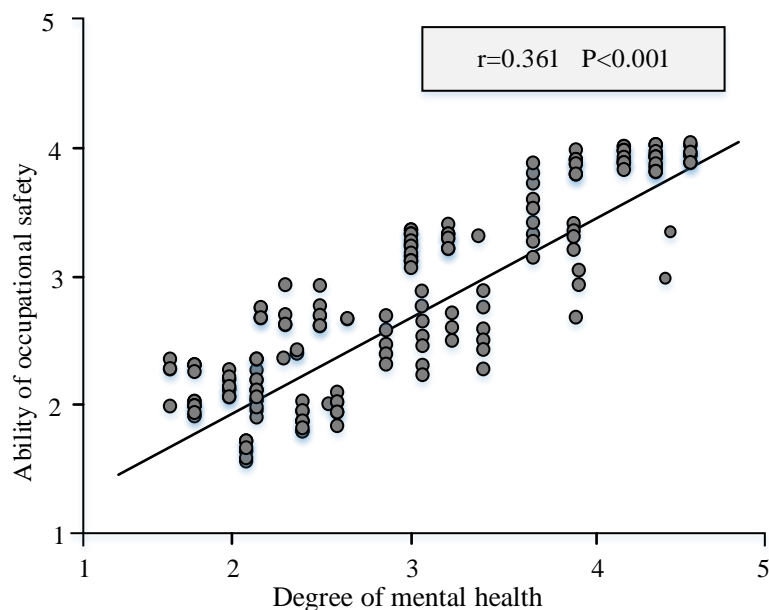


Figure 1. Correlation between mental health and occupational safety ability of couriers

Conclusions: In order to fully ensure the occupational safety of couriers, this paper analyzes the influencing factors of the occupational safety of couriers from the perspective of psychology, in order to

clarify the internal relationship between the mental health of couriers and their occupational safety, so as to strengthen the occupational safety guarantee of couriers. The results show that there is a positive correlation between the mental health of couriers and their occupational safety ability, and the higher the mental health of couriers, the higher their occupational safety ability. This shows that improving the mental health of couriers can effectively promote the occupational safety ability of couriers, which is of great significance to effectively reduce the occurrence of occupational safety accidents of couriers.

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RESEARCH ON REGIONAL AGGLOMERATION MECHANISM OF “INTELLIGENT MANUFACTURING” INNOVATION ELEMENTS BASED ON ENTREPRENEURS’ INNOVATION SPIRIT MODEL

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Background: Using information technology to drive manufacturing innovation is becoming increasingly popular around the world, and “intelligent manufacturing” has emerged as a new hotspot of global economic growth. Continuous innovation elements investment is required to promote the intelligent upgrading of the manufacturing. Building an innovation elements agglomeration region can increase the number of innovation collaboration channels between businesses, boost their innovation efficiency, and give external support for innovation. Innovation lies at the heart of the manufacturing’s high-quality development, and the enterprises are the driving force behind innovation. Entrepreneurs confront a choice when it comes to making innovation decisions: whether to relocate all or part of their businesses to the innovation elements agglomeration region in order to access more innovation resources. According to Social Cognitive Theory proposed by psychologist Bandura, there is a dynamic interaction between individual, behavior, and environment. Human behavior is governed and guided by psychological elements such as cognition, emotion, beliefs, and motivation, in addition to external environment. In general, the stronger innovation spirit entrepreneurs are, the more self-efficacy they have. They’re more open to new ideas and challenges, and willing to invest more resources in making innovation decisions. Entrepreneurs’ critical thinking, systematic thinking, willingness to cooperate, risk attitude, strategic vision, self-confidence, and perseverance are crucial psychological variables impacting their decision-making according to Leadership Trait Theory. These psychological traits are critical components of the innovation spirit, and they have a significant impact on entrepreneurs’ innovative thinking, which drives their innovation behavior. Multiple psychological elements combine to drive entrepreneurs to make innovation decisions. Positive self-awareness, which is a prerequisite for innovative thinking; high level of motivation, which is a strong driving force for innovative thinking; creative cognitive style, which is a personality trait for innovative thinking; and positive emotional state, which is a psychological environment for innovative thinking are psychological qualities required for entrepreneurs to make innovation decisions. This study investigates the impact of entrepreneurs’ psychological characteristics on their innovation decision-making in order to provide a micro-foundation for the establishment of regional agglomeration policies of innovation elements.

Objective: The innovation spirit mainly refers to entrepreneurs’ pioneering consciousness in the process of innovation. Entrepreneurs’ innovation spirit is an intellectual resource which is not only the spiritual source and capital guarantee of enterprises, but also plays an important role in opening up new markets, new product research and development, employment growth and competitiveness improvement. Entrepreneurs’ critical thinking revolves around reflecting on and questioning the current reality, which is the foundation of innovation. Schumpeter proposed the concept of disruptive innovation, which calls for entrepreneurs to make the shift from linear to systematic thinking. External innovation resources, as well as internal R&D, are required for innovation. Entrepreneurs who are eager to collaborate can assist them in obtaining external resources and achieving collaborative innovation among innovation issues. Entrepreneurs must have the confidence to take risks in order to make specific innovation decisions. Entrepreneurs with a higher risk tolerance will invest more in innovation. Entrepreneurs with a strategic vision recognize the importance of innovation. Exceeding ordinary people’s confidence is the direct driving factor behind entrepreneurs’ ability to withstand external uncertainty and increase their readiness to innovate. Firm perseverance aids entrepreneurs in overcoming negative emotions triggered by setbacks in the invention process and strengthens their willingness to develop. This study develops an evaluation model for entrepreneurs’ innovation spirit based on the aforementioned psychology aspects, aims to explore the impact of entrepreneurs’ innovation spirit on regional innovation elements agglomeration. The study then