Statistics and Application, Vol.12, No.4, 799-1174
统计学与应用, 12 卷 4 期
Published Online August 2023 in Hans (https://www.hanspub.org/journal/sa)

Hans汉斯

TABLE OF CONTENTS
目　　录

百舸争流千车竞，借新能源奋者先——浙江省新能源汽车消费现状与需求的调查
With a Hundred Boats Competing, a Thousand Vehicles Racing, Those Who Strive for New Energy Are the First—Investigation on Consumption Status and Demand of New Energy Vehicles in Zhejiang Province

张雪果，张永利，郑琳，周婷，吴辰悠 799

基于专利分析的不同创新主体科技创新能力比较研究
A Comparative Study on the Scientific and Technological Innovation Capabilities of Different Innovation Subjects Based on Patent Analysis

陈舒，李青，单艺 806

基于 F. E. Smith 食物有限模型的中国人口数量预测
Chinese Population Size Prediction Based on F. E. Smith's Food Finite Model

郑加乐，郑锦楠 814

我国城乡教育投入与城乡收入差距关系研究
Study on the Relationship between Urban and Rural Education Investment and Urban-Rural Income Gap in China

苏美玲 824

基于 LDA 主题模型的杭州亚运会微博话题分析
Analysis of Microblog Topics of Hangzhou Asian Games Based on LDA Topic Model

董韶琦，郑静 833

地方政府竞争对产业结构的影响研究
Study on the Influence of Local Government Competition on Industrial Structure

杨佳倩，刘志强，卢崇煜 843

基于岭回归和灰度预测模型的长三角新能源汽车未来发展情况预测
Prediction of the Future Development of New Energy Vehicles in the Yangtze River Delta Based on Ridge Regression and Gray Scale Prediction Models

庄钧媚，章纪泽，钱政烨，蔡镓琦 849

中国省域金融发展与数字经济的空间效应研究
Research on the Spatial Relationship between Provincial Financial Development and Digital Economy in China

汪灏 855

Statistics and Application, Vol.12, No.4, 799-1174
统计学与应用, 12 卷 4 期
Published Online August 2023 in Hans (https://www.hanspub.org/journal/sa)

基于空间滞后模型的中国省域碳排放量影响因素分析
An Analysis of the Influencing Factors of China's Provincial Carbon Emissions Based on the Spatial Lag Model
邱少彤.....867

代糖产品认知现状及消费者购买意愿影响因素分析
Analysis of the Current Situation of the Perception of Sugar Substitute Products and Factors Influencing Consumers' Purchase Intention
朱婵媛，张紫琼，涂现峰.....877

政府治理效率与企业绩效的关系研究
A Study on the Relationship between Efficiency of Government Governance and Firm Performance
王晨苗，刘志强，卢崇煜.....888

论统计调查中的误差控制
Error Control in Statistical Investigation
孙艺嘉，张自然，罗灵茜，尤七七，张丽蓉，涂现峰.....895

TOPSIS 法权重的选取：几种赋权方法的对比
Selection of TOPSIS Method Weights: Comparison of Several Weighting Methods
张丽蓉，尤七七，罗灵茜，张自然，孙艺嘉，涂现峰.....901

无糖饮料市场发展现状以及消费者购买因素分析
Analysis of the Current Development of Sugar-Free Beverage Market and Consumer Purchase Factors
王睿婷.....910

生育问题网络关注度的时空演变及影响因素研究
A Study on the Spatial and Temporal Evolution of Online Attention to Fertility Issues and the Influencing Factors
石莹莹，崔炳伟.....928

大学生学习情况调查统计分析
Statistical Analysis of the Survey of College Students' Study Situation
刘萍汝，谢强，王晗笑.....946

健身消费者满意度视角下健身参与现状及影响因素分析
Analysis of the Status Quo of Fitness Participation and Its Influencing Factors from the Perspective of Fitness Consumer Satisfaction
吴灵灵，李宏，徐其薇，郑惠茹，柴菁菁，涂现峰.....961

气象因素对香蕉批发价格影响的预测研究：以 XGBoost 模型为例
Predictive Study of Meteorological Factors on Banana Wholesale Price: A Case of XGBoost Model
黄文娟，温标堂.....968

Statistics and Application, Vol.12, No.4, 799-1174
统计学与应用, 12 卷 4 期
Published Online August 2023 in Hans (https://www.hanspub.org/journal/sa)

基于机器学习方法的早期糖尿病风险预测
Machine Learning-Based Approach to Early Diabetes Risk Prediction
练春兰.....974

基于 DEA-Malmquist-Tobit 模型的医药行业上市公司绩效评价及影响因素研究
The Performance Evaluation of Listed Pharmaceutical Companies and the Influencing Factors: A Study Based on DEA-Malmquist-Tobit Model
李静，旷开金.....985

基于二元逻辑回归的考研动机影响因素分析
Analysis of Influencing Factors of Postgraduate Entrance Examination Motivation Based on Binary Logistic Regression
赵雪娇.....998

基于声誉的条件惩罚对合作演化的影响
The Impact of Reputation Based Conditional Punishment on Cooperative Evolution
杨啊莲.....1009

基于干预 SARIMA 模型对疫情后民航客运量的预测
Prediction of Civil Aviation Passenger Traffic after the Epidemic Based on the Intervention SARIMA Model
廖俊林.....1020

基于空间计量模型研究北京市各区房价
Research on the Housing Prices in Beijing Based ON Spatial Econometric Model
曹文彦，乔舰.....1034

中国对 44 个 AfCFTA 成员国的出口潜力研究
Research on China’s Export Potential for 44 AfCFTA Member Countries
叶为民，匡宇翔.....1044

我国 31 个主要城市空气质量情况研究
A Study on the Air Quality of 31 Major Cities in China
梁影.....1055

消费者对食品安全信任度的影响因素探究
Exploring the Factors Affecting Consumer Trust in Food Safety
王丹丹.....1065

高铁开通对城乡收入不平等的影响
Impact of High-Speed Railway on the Income Inequality between Urban and Rural
刘志强，刘娅婧.....1079

基于高频数据的 PGARCH 模型的拟极大指数似然估计
Quasi Maximum Exponential Likelihood Estimator of PGARCH Model Based on High Frequency Data
黄丽燕，张兴发，王珞谦，张本霖.....1085

Statistics and Application, Vol.12, No.4, 799-1174
统计学与应用, 12 卷 4 期
Published Online August 2023 in Hans (https://www.hanspub.org/journal/sa)

疫情后时代大学生餐饮消费状况调查分析
Investigation and Analysis on the Consumption of Catering among College Students in the Post Epidemic Era
林佳良，李思烁，刘杰恒，孟凡强.....1096

基于主成分分析法的西南、西北地区物流综合评价研究
A Study on Comprehensive Logistics Evaluation of Southwest and Northwest Regions Based on Principal Component Analysis
郭惠琦.....1105

基于心脏病数据的两种机器学习预测模型比较研究
Comparative Study of Two Machine Learning Prediction Models Based on Heart Disease Data
代倩，黄希芬.....1111

基于 CiteSpace 的国内韧性治理研究热点与前沿分析
Research Hotspots and Frontier Analysis of Domestic Resilience Governance Based on CiteSpace
林思淇.....1121

研发投入对制造企业经营绩效的影响研究
Research on the Impact of R&D Investment on the Business Performance of Manufacturing Enterprises
刘昌东.....1134

我国教育支出影响经济发展水平吗？来自全国省际时空大尺度数据的经验验证
Does Expenditure on Education of Our Country Affect Level of Economic Development? Empirical Verification of Large-Scale Data from National Interprovincial Data
彭俊杰，张彤，曾诗懿.....1140

近 20 年我国社区教育的研究进展：基于 CiteSpace 的可视化分析
Research Progress in Community Education in China in the Past 20 Years: Visual Analysis Based on CiteSpace
纪昂，窦逸飞，李喆，叶天祥，张锐滔，朱冬梅，魏强.....1154

近 20 年来国内外政治认同研究热点追踪
Tracing the Research Hotspots of Political Identity at Home and Abroad in Recent 20 Years
章园园.....1164