

成渝经济区现代农业发展差异与空间集聚

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摘要:为了明确成渝经济区内现代农业发展水平及差异,采用主成分分析方法对各县现代农业发展水平进行综合评价,并采用Moran's I指数全局和局部指标分析了邻接区域农业发展水平的空间关联性和集聚特性。结果发现县域现代农业发展水平差异较大,呈现成都市和重庆市区两核心区域发展水平高、中间地带和外围区域发展水平低的凹型发展模式。全局和局部Moran's I指数分析表明地理上邻接区域具有正的空间关联性,并主要定位了高高集聚类型和低低集聚类型区域,有利于更精确地找准低低集聚区的关键突破点,通过培育农业优势产业和集群,发挥辐射作用带动区域发展。

关键词:成渝经济区;现代农业;空间集聚;主成分分析;Moran's I指数

中图分类号:F327

文献标志码:A

论文编号:casb16020065

Developmental Difference and Spatial Agglomeration of Modern Agriculture in Chengdu-Chongqing Economic Zone

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Abstract: In order to measure the development level of modern agriculture in Chengdu-Chongqing Economic Zone, the principal component analysis was used to comprehensively evaluate the development level of modern agriculture in the counties, and the global and local Moran's I index were used to verify the spatial correlation and agglomeration of the agricultural development level of geographically adjacent regions. The results showed that the difference of the development level of modern agriculture in the counties of Chengdu-Chongqing Economic Zone was significant. And the development level in the core areas of Chengdu and Chongqing was high, while in the intermediate zone and the peripheral zone the development level was very low. The global and local Moran's I index indicated that there were positive correlations among geographically adjacent regions in the development level of modern agriculture. And the regions of HH and LL type were located, which could help to more accurately identify the key breakthrough point for the modern agricultural development in the LL area and to cultivate competitive agricultural industry clusters to drive regional development.

Key words: Chengdu-Chongqing Economic Zone; modern agriculture; spatial agglomeration; principal component analysis; Moran's I index

0 引言

区域差异以及区际收敛性问题一直是区域经济学家研究的重点,对缩小地区差距和促进经济一体化具

有重要意义^[1]。目前学术界对区域经济发展的研究主要围绕两个方面,一是产业集聚,二是创新体系^[2]。产业集聚与经济增长的关系已得到许多研究证实^[3],但

基金项目:2015年国家财政部课题“农业综合开发集中打造区域优势特色产业集群促进农业产业化发展”。

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收稿日期:2016-02-19,修回日期:2016-04-22。