

## Accepted Manuscript

Title: Improving health care service provision by adapting to regional diversity: An efficiency analysis for the case of Germany

Author: Helmut Herwartz Katharina Schley



PII: S0168-8510(18)30006-X  
DOI: <https://doi.org/doi:10.1016/j.healthpol.2018.01.004>  
Reference: HEAP 3845

To appear in: *Health Policy*

Received date: 18-2-2016  
Revised date: 9-10-2017  
Accepted date: 3-1-2018

Please cite this article as: Helmut Herwartz, Katharina Schley, Improving health care service provision by adapting to regional diversity: An efficiency analysis for the case of Germany, *Health Policy* (2018), <https://doi.org/10.1016/j.healthpol.2018.01.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Improving health care service provision by adapting to regional diversity: An efficiency analysis for the case of Germany

Helmut Herwartz<sup>a</sup>, Katharina Schley<sup>a,\*</sup>

<sup>a</sup>*Chair for Econometrics, Georg-August-University Göttingen, Humboldtallee 3, D-37073 Göttingen, Germany, Tel.: +49 551 39 21394, fax: +49 551 39 27279, e-mail: kschley@uni-goettingen.de*

---

## Abstract

The provision of health care in Germany exhibits sizeable geographic variation with a heterogeneous allocation of medical services in rural and urban areas. Furthermore, distinct utilisation patterns and access barriers due to the socio-economic environment might cause inefficiencies in the provision of health care services. Accordingly, an improved understanding of factors governing inefficiencies in health care provision is likely to benefit an efficient spatial allocation of health care infrastructure. We analyse how socio-economic factors influence the regional distribution of (in)efficiencies in the provision of health care services by means of a stochastic frontier analysis. Our results highlight that regional deprivation relates to inefficient provision of health care services. As a consequence, policies should also consider socio-economic conditions to improve the allocation of medical services and overall health.

---

\*Corresponding author

*Email addresses:* [hherwartz@uni-goettingen.de](mailto:hherwartz@uni-goettingen.de) (Helmut Herwartz),  
[kschley@uni-goettingen.de](mailto:kschley@uni-goettingen.de) (Katharina Schley)

*Preprint submitted to Health Policy*

*October 9, 2017*

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات