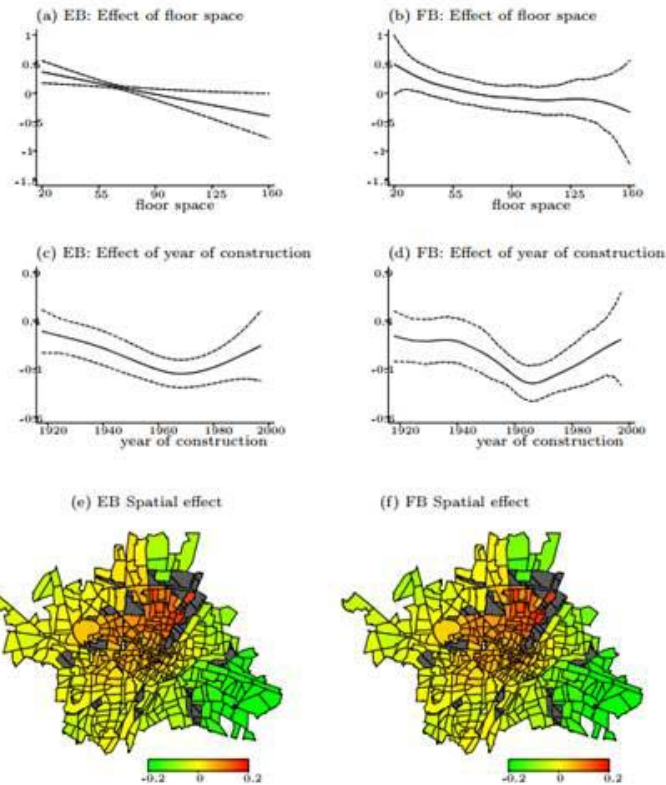


# Research Factory B/ORDERS IN MOTION

VIADRINA CENTER  
B/ORDERS IN  
MOTION



Quelle: Fahrmeir, Ludwig, Thomas Kneib, and Stefan Lang. "Penalized structured additive regression for space-time data: a Bayesian perspective." *Statistica Sinica* (2004): 731-761.



Rent data: Effects of floor space (top), year of construction (middle) and location (bottom) on the log of squared residuals  $\log(e^2)$  for EB (left panel) and FB (right panel), respectively. Shown are the posterior mode (EB) and mean (FB) estimates. For floor space and year of construction, pointwise 95% credible intervals are included additionally.

Do., 30. November 2017, 14:15 – 17:45 Uhr  
Raum HG 162

## Bayesian spatio-temporal distributional regression models

Prof. Dr. Thomas Kneib  
Georg-August-Universität Göttingen

In Zusammenarbeit mit der Forschungsgruppe „Detection and surveillance of spatial and spatiotemporal clusters“