

# Visualizing Data in R

## **Intro to R**

Social Science Methods for Legal Scholars

European Society of International Law (ESIL) and the Geneva Graduate Institute

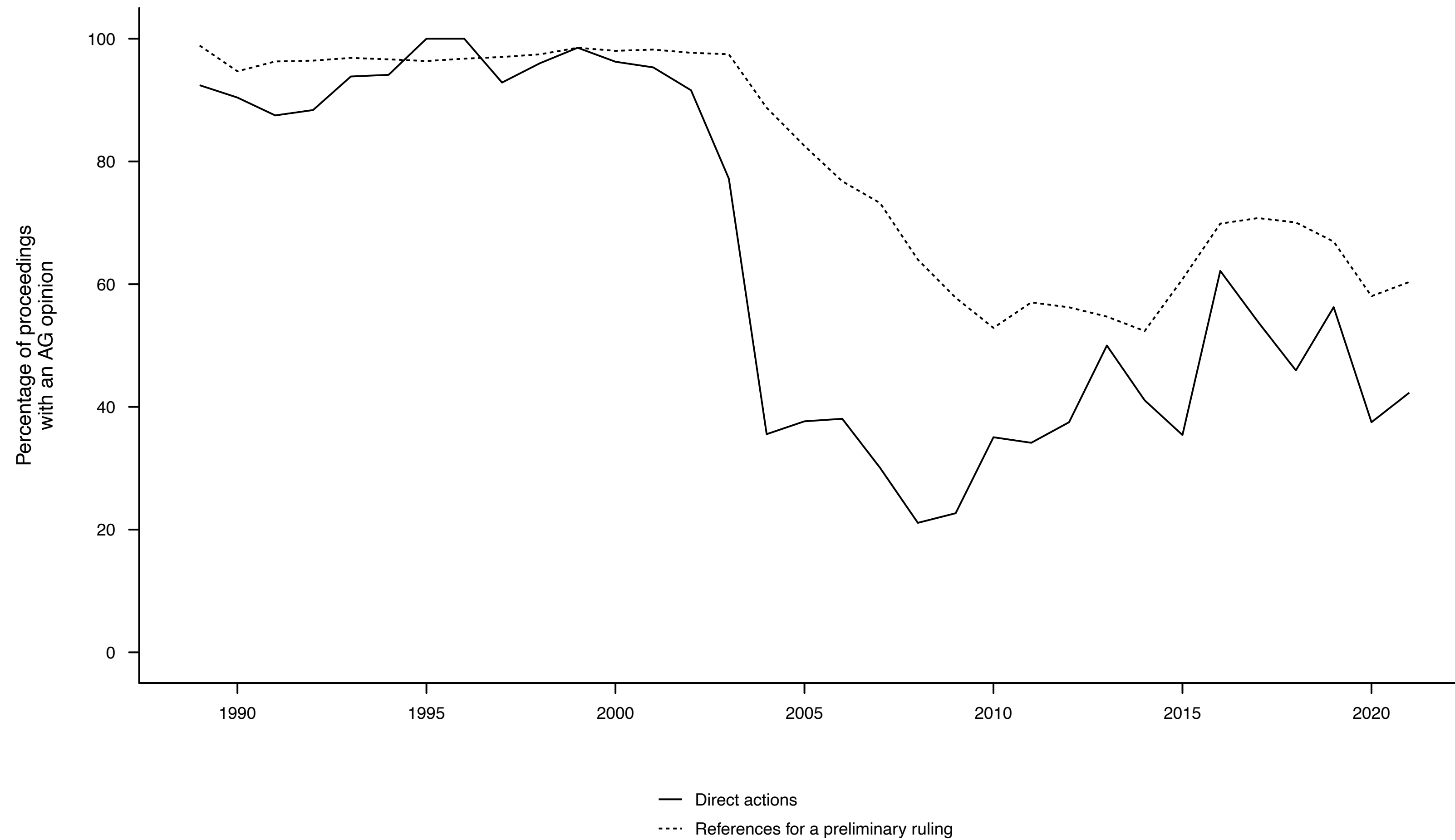
October 28, 2022

## **Joshua C. Fjelstul, Ph.D.**

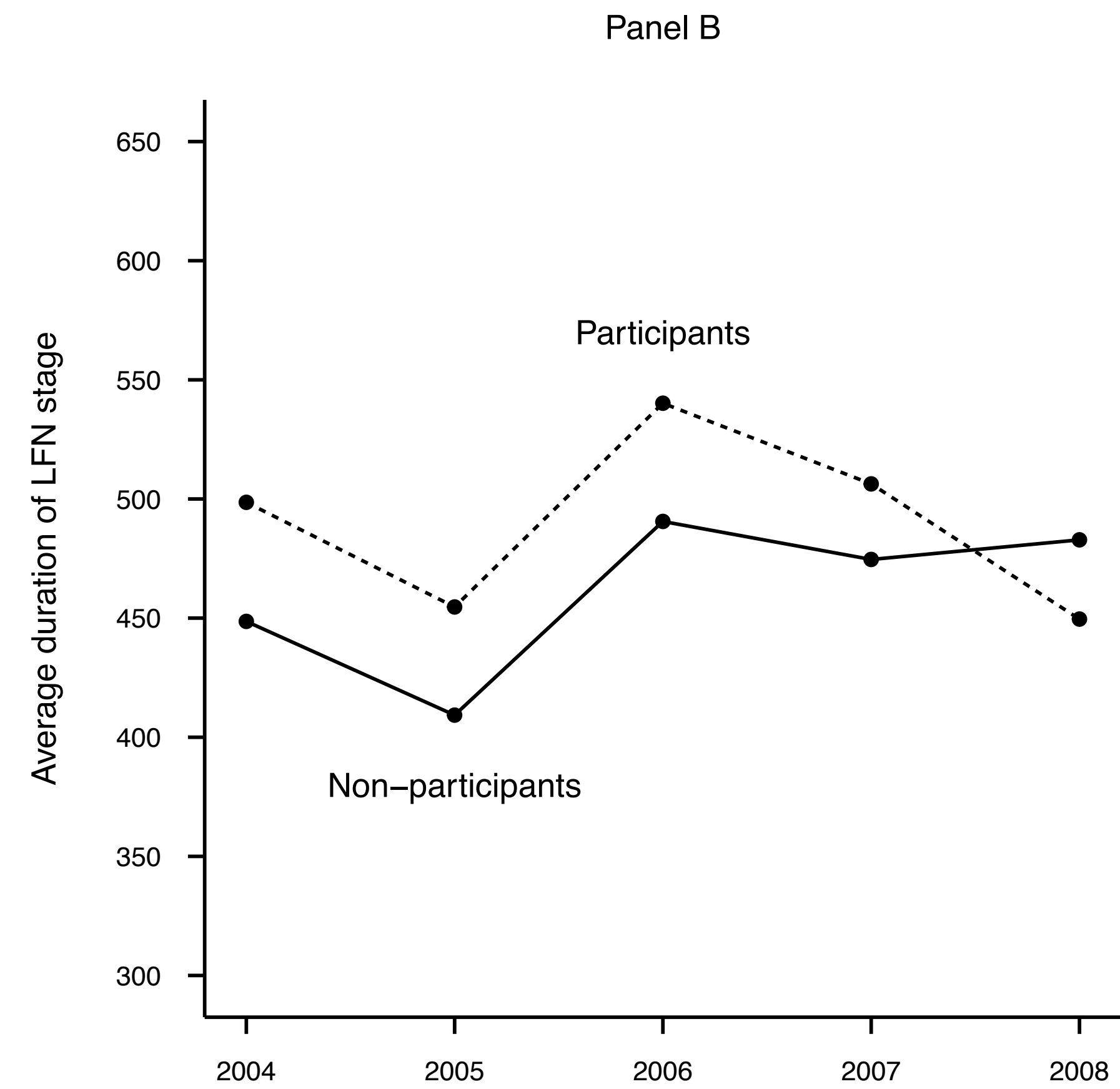
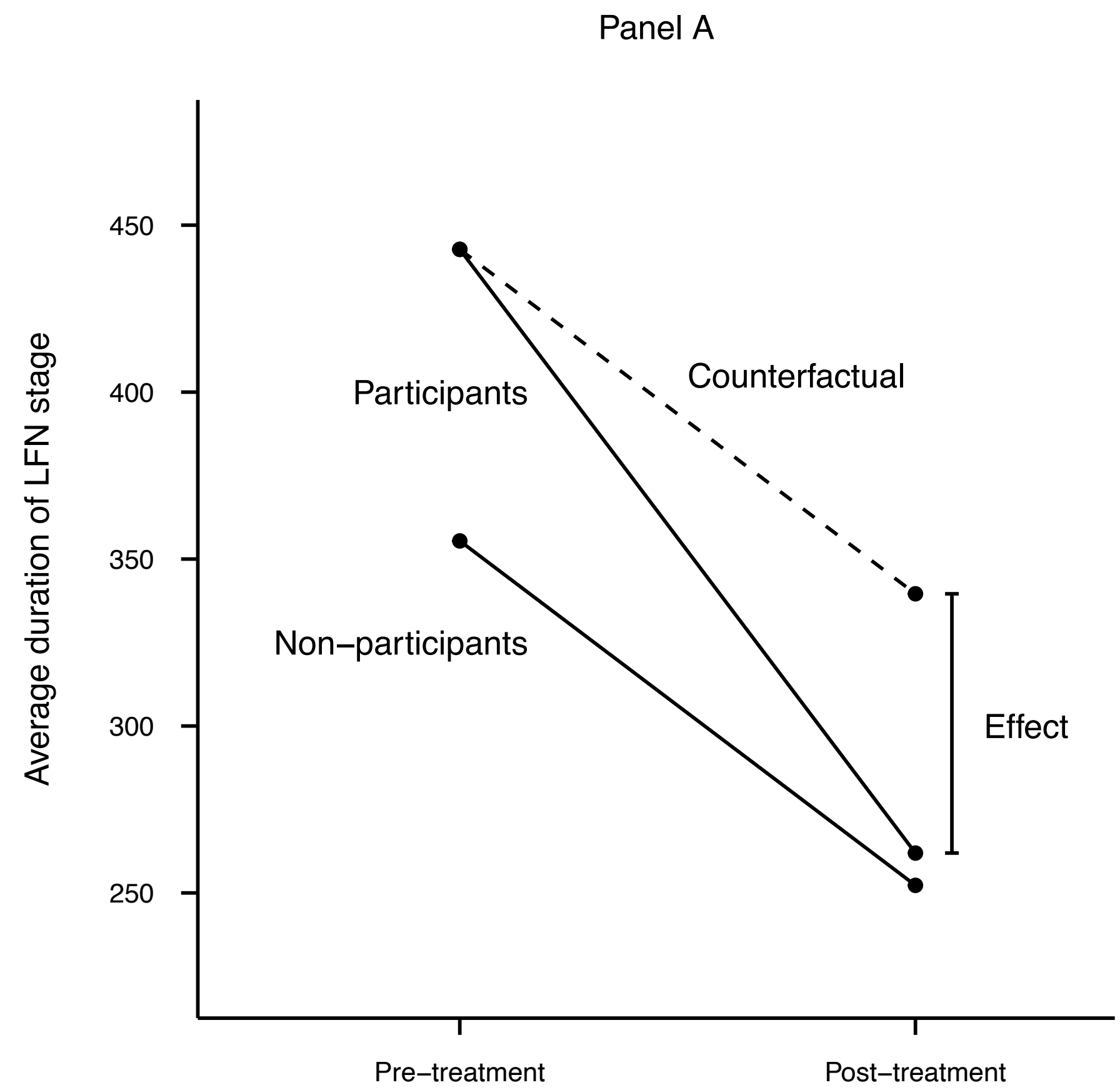
Post-Doctoral Research Fellow, University of Geneva

Researcher, ARENA Centre For European Studies, University of Oslo

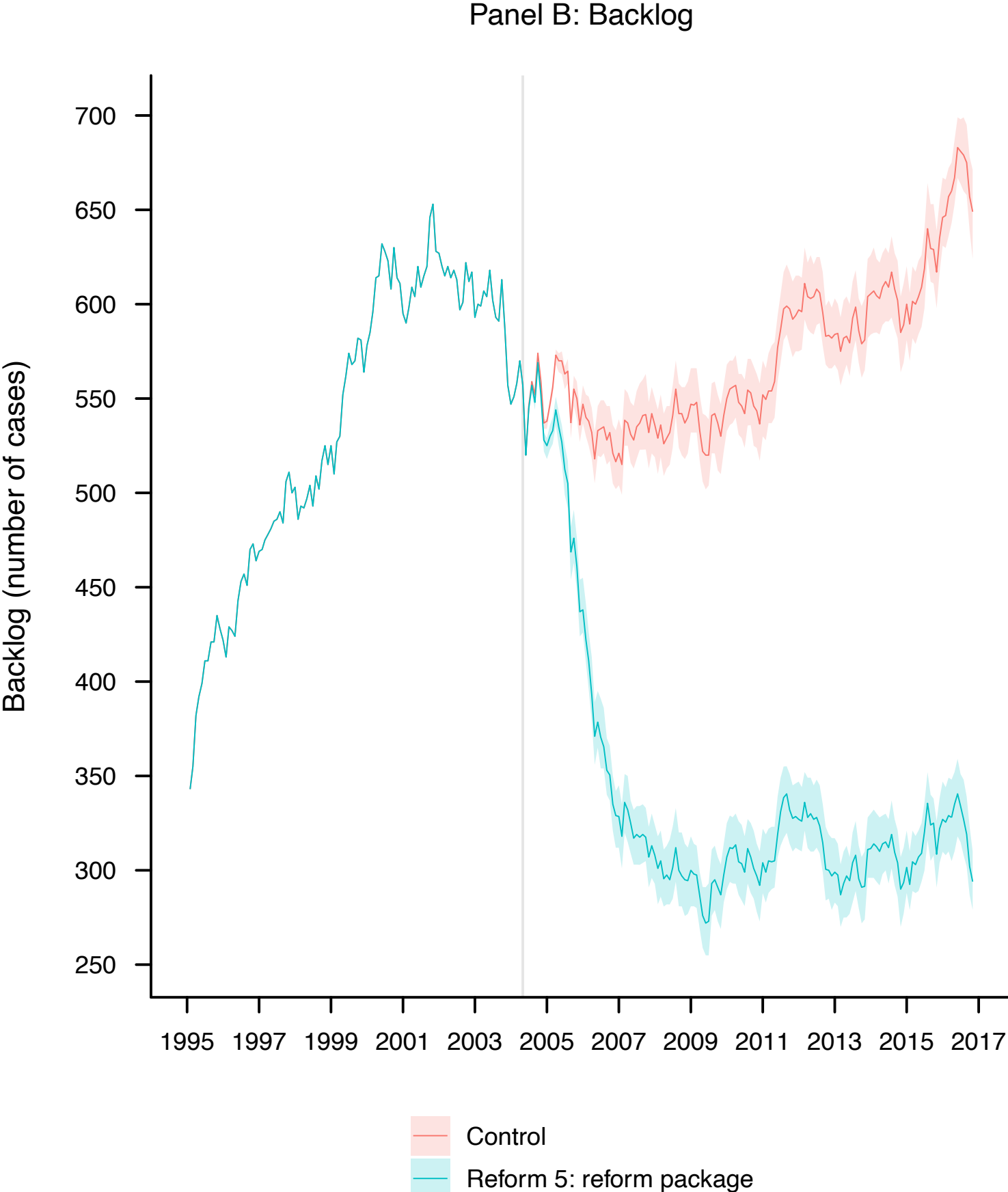
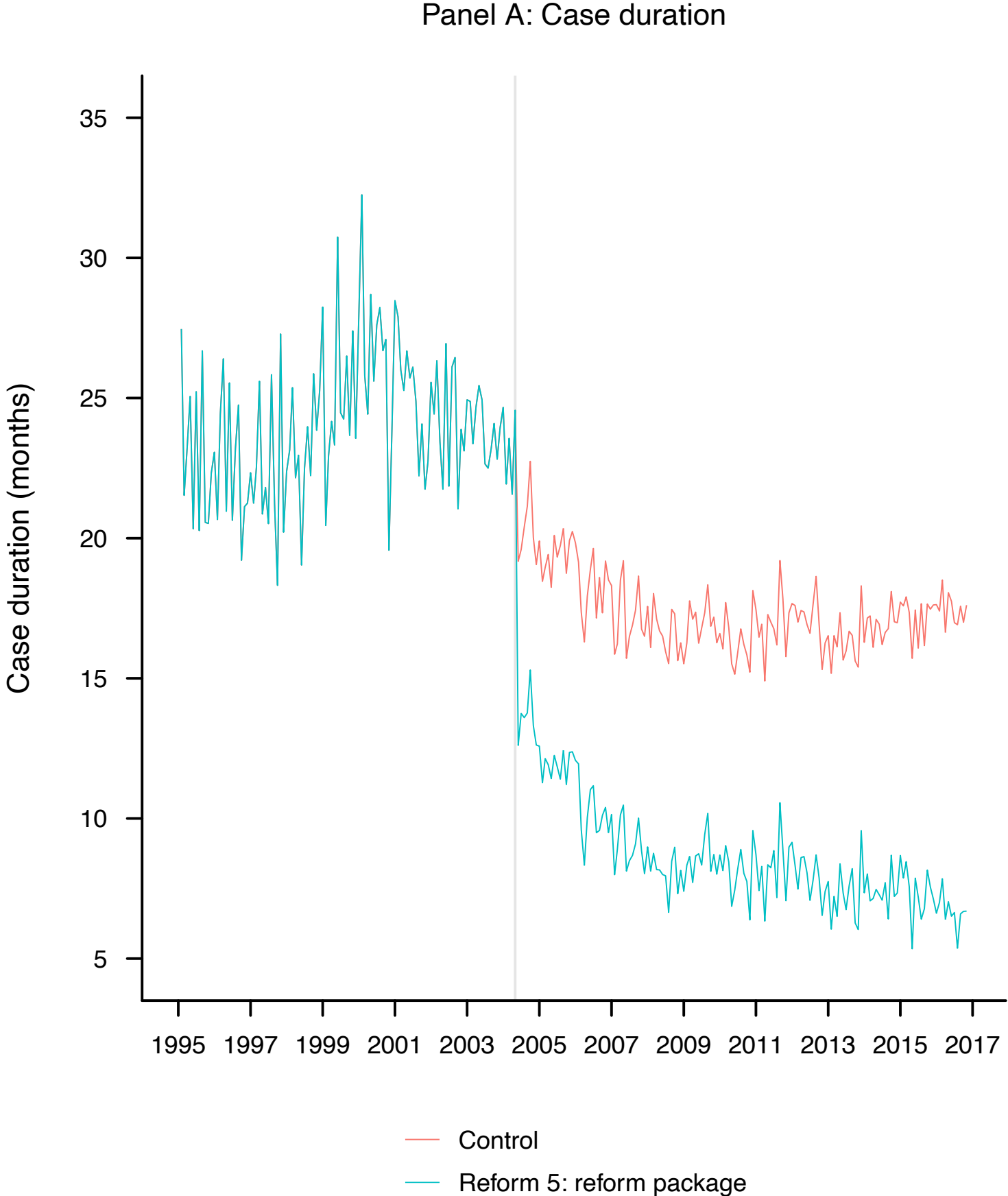
# Line plots



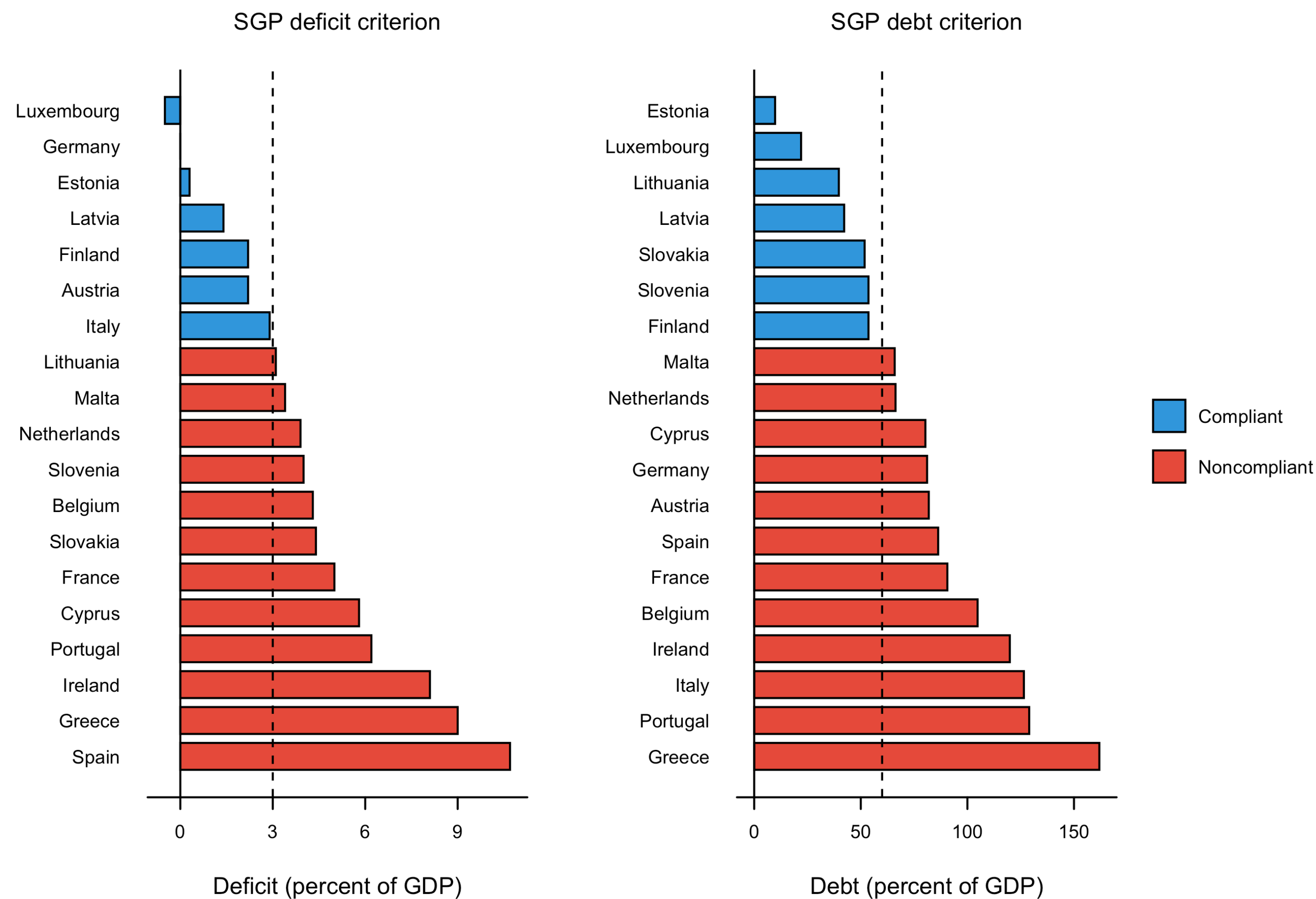
# Line plots



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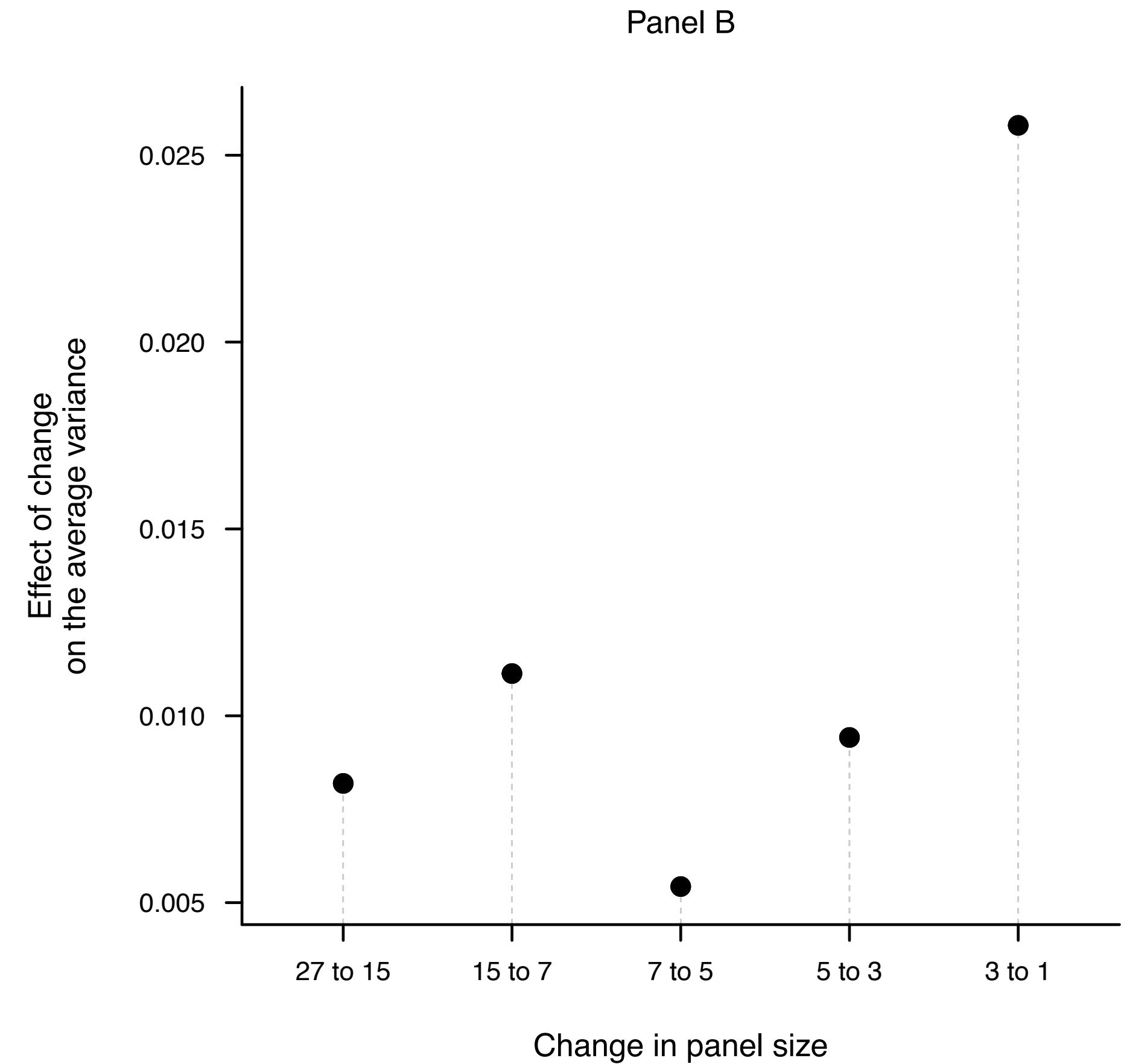
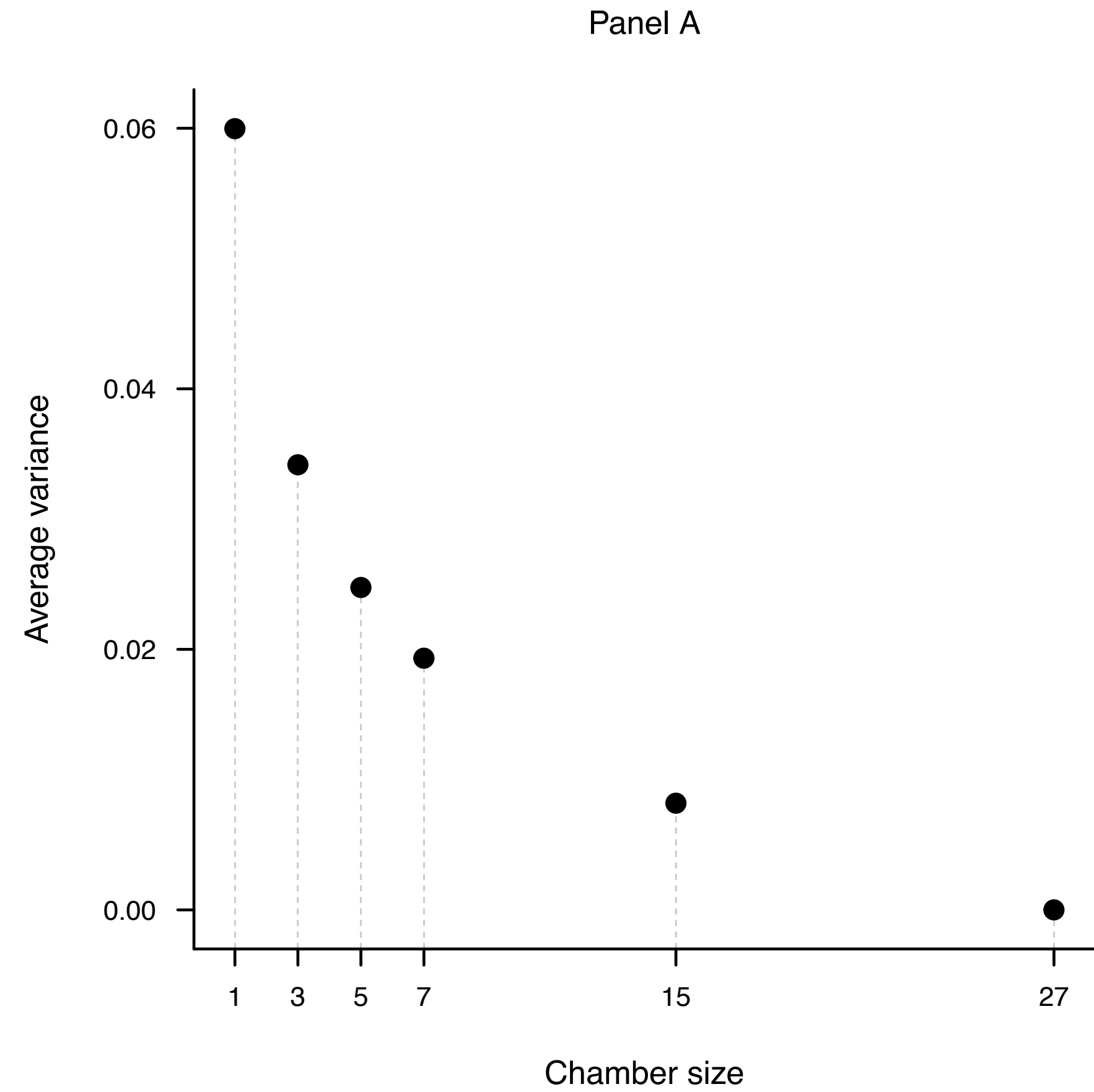


# Bar plots

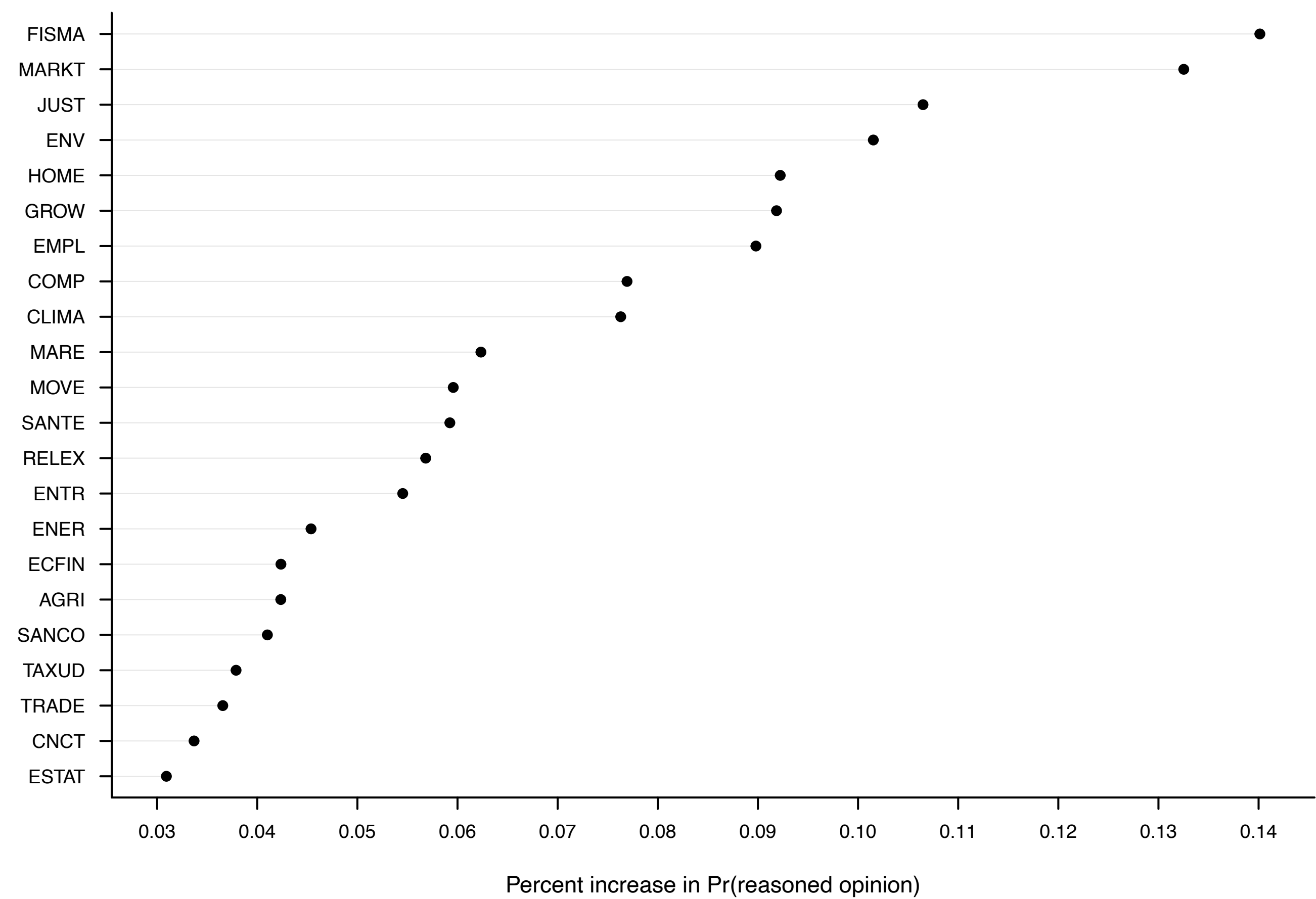


Fjelstul, Joshua C. "Explaining Public Opinion on the Enforcement of the Stability and Growth Pact during the European Sovereign Debt Crisis." *European Union Politics*. 23(2): 192–211.

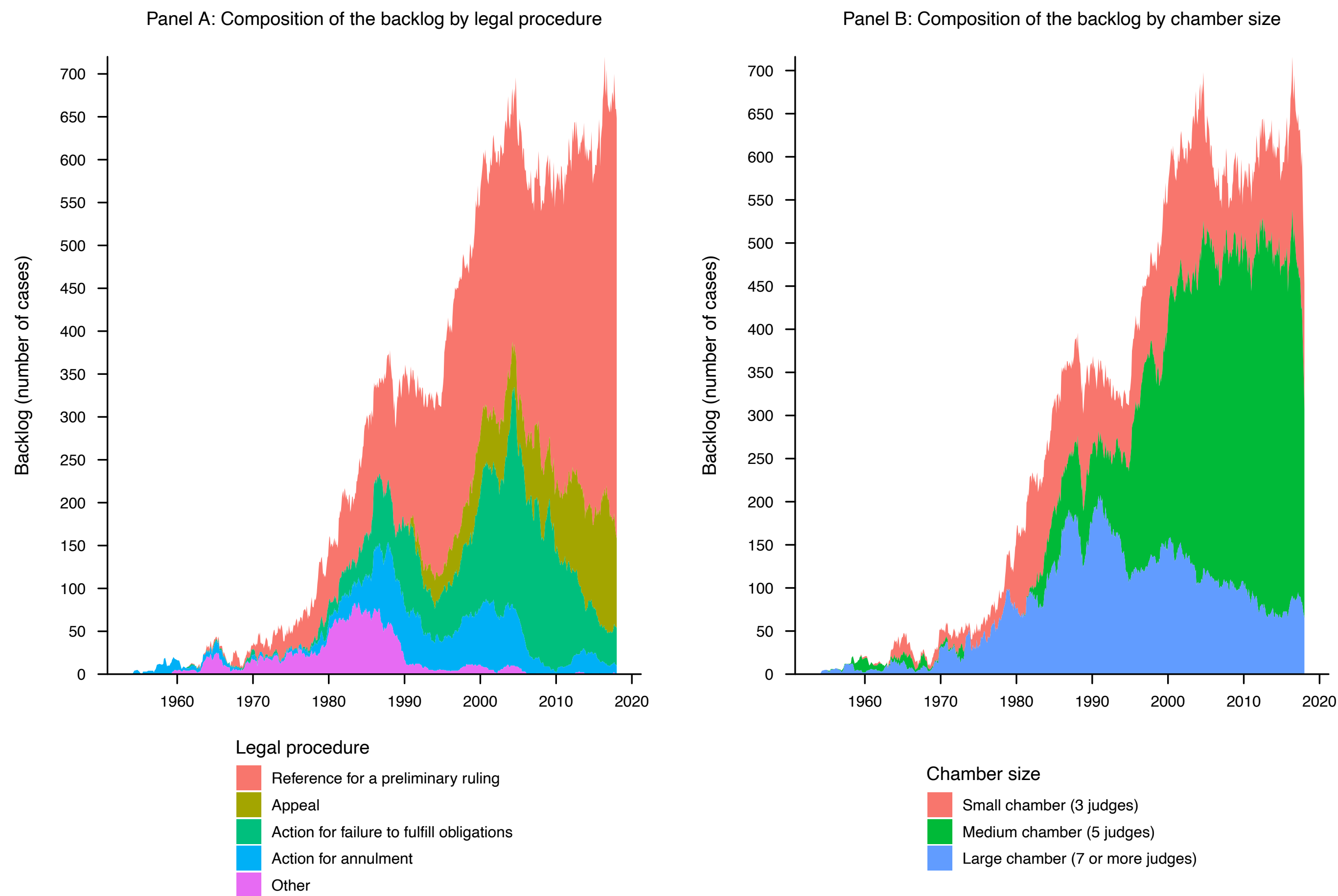
# Bar plots



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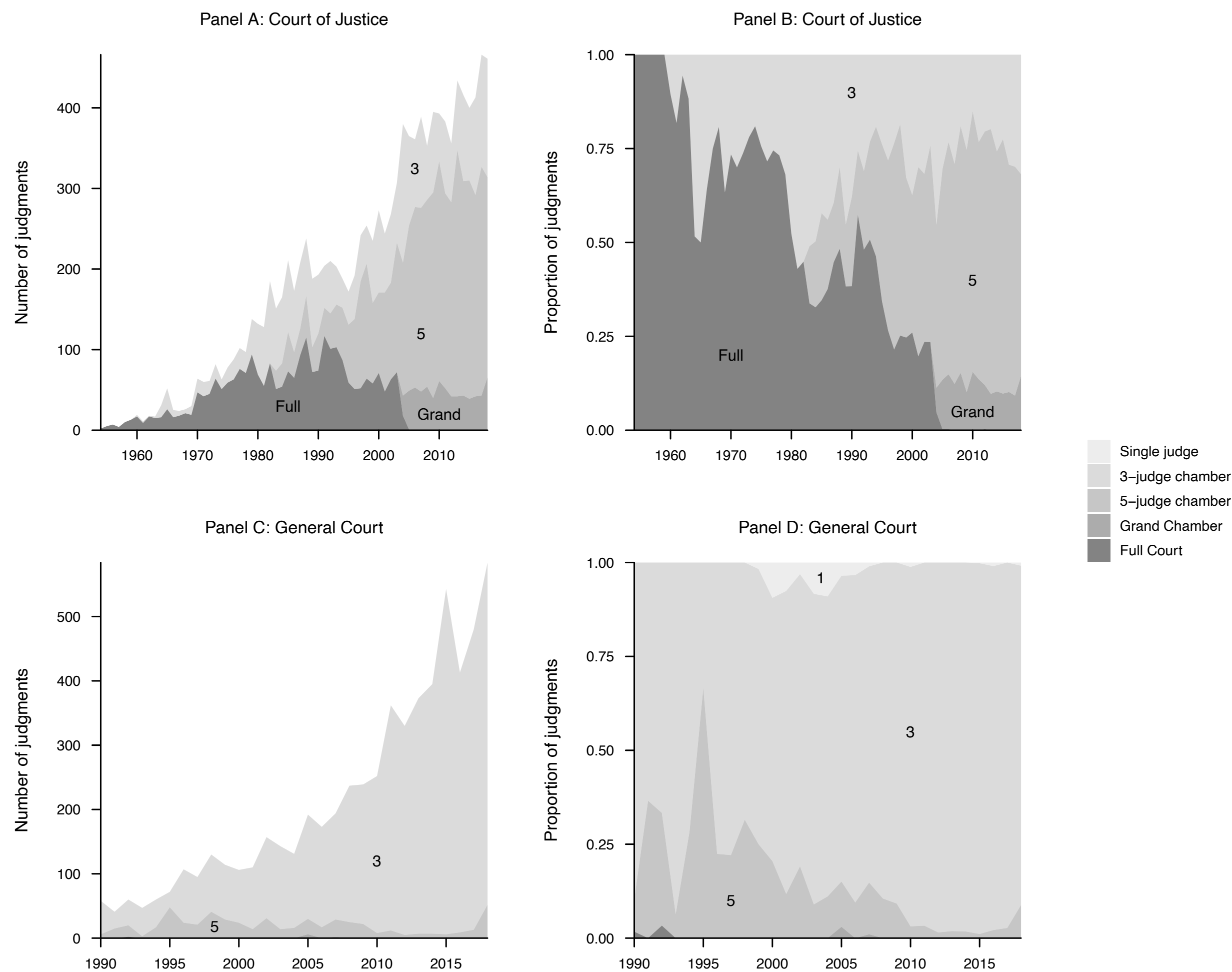


# Area plots



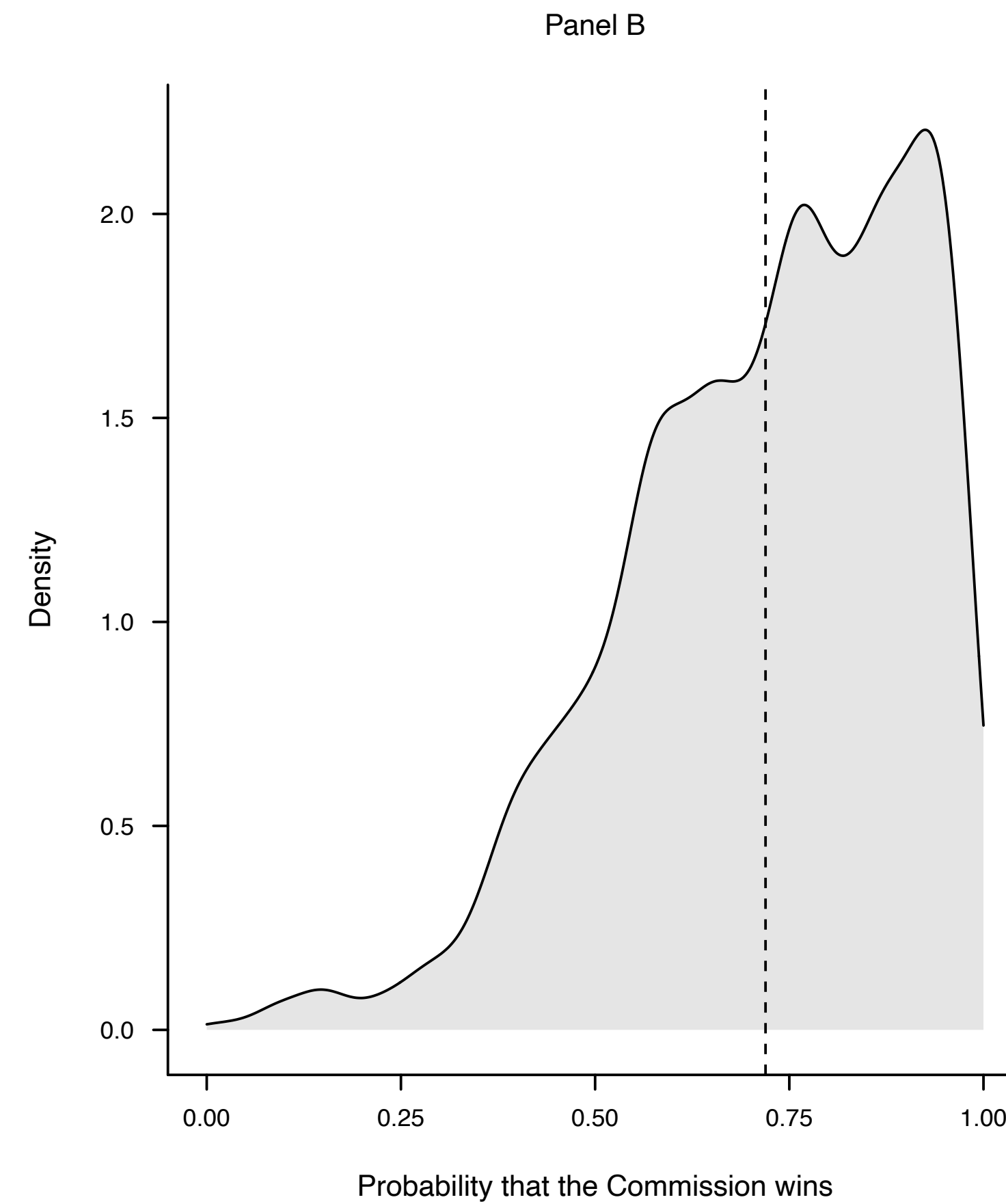
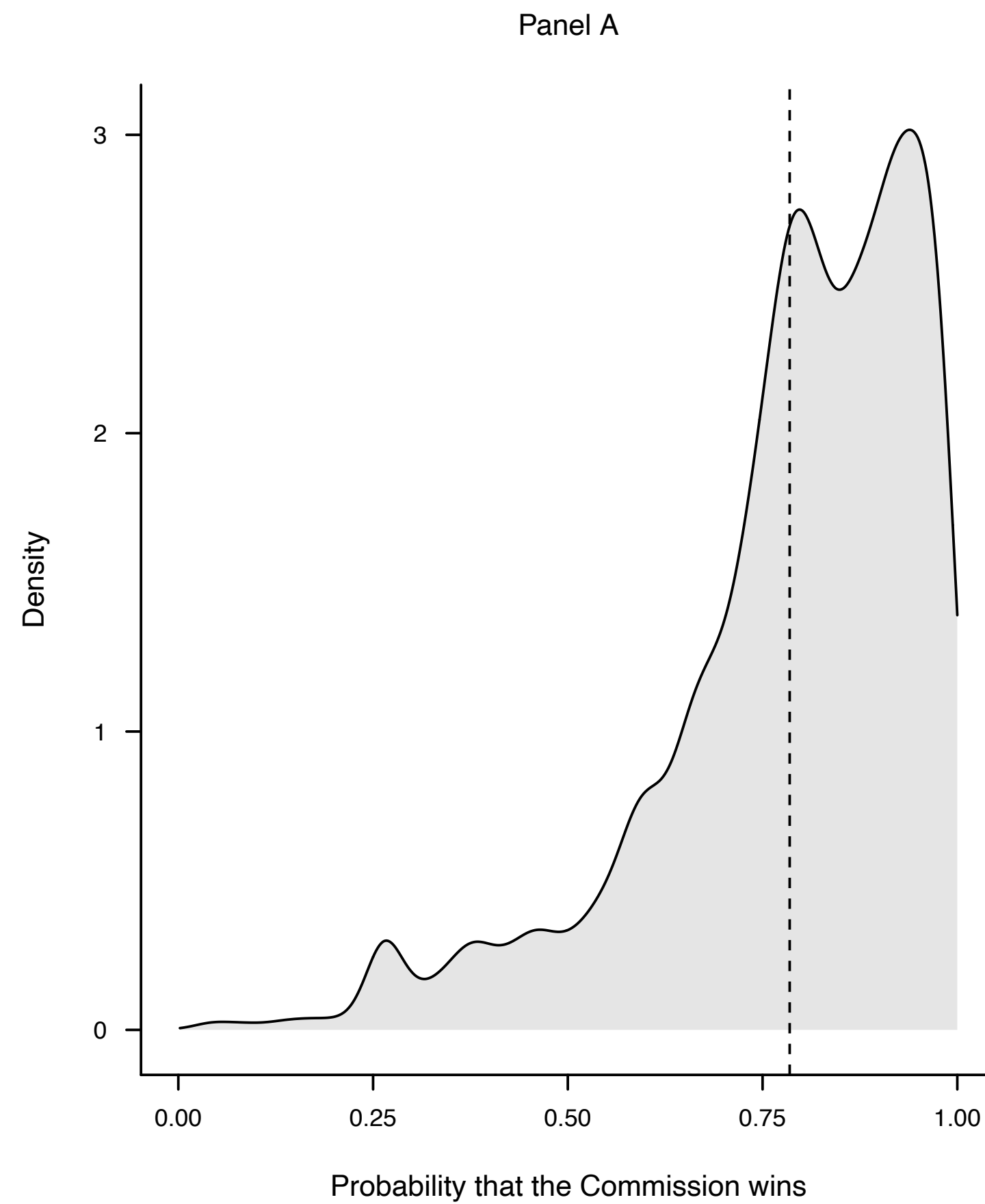


# Area plots

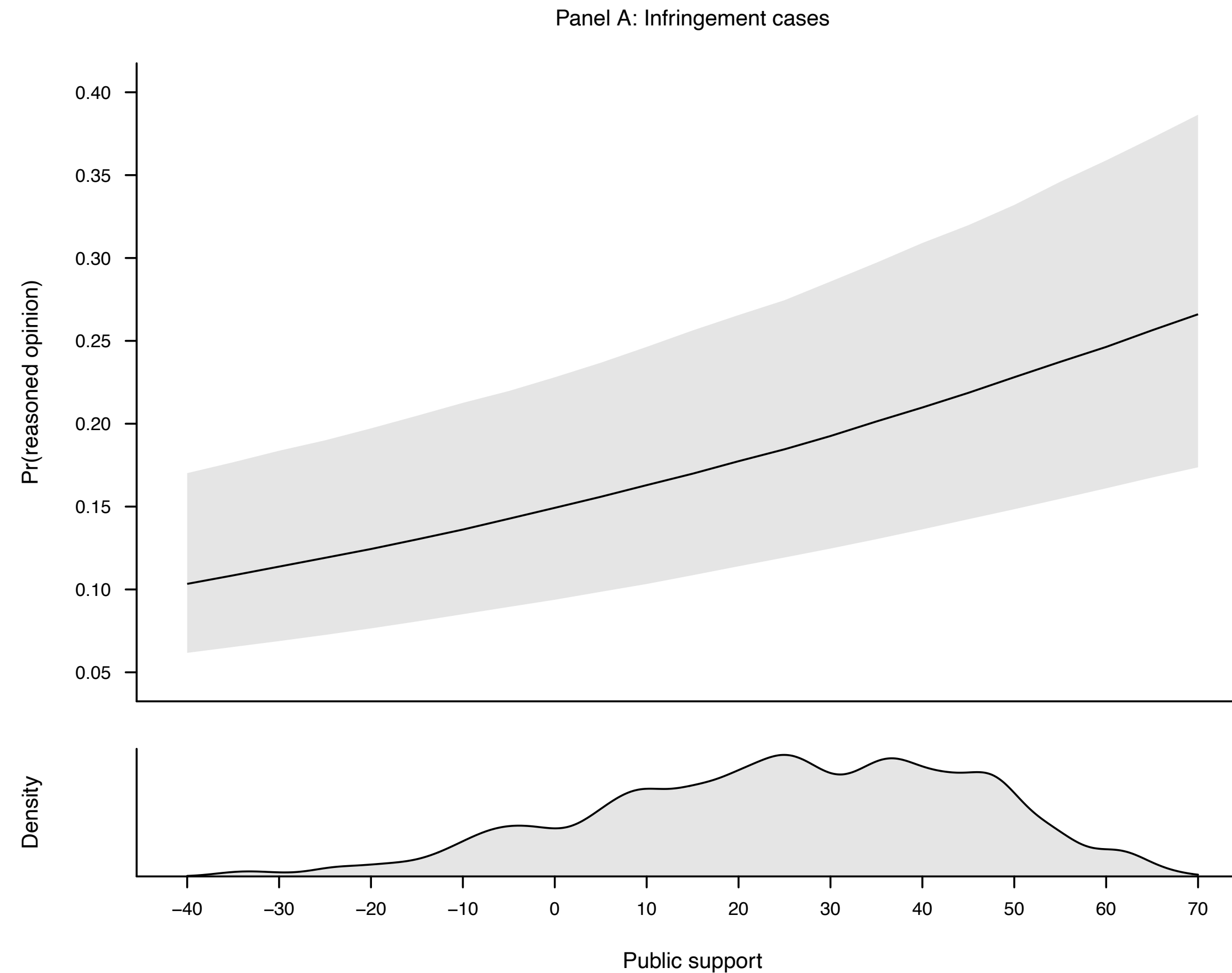


Fjelstul, Joshua C. "How the Chamber System at the CJEU Undermines the Consistency of the Court's Application of EU Law." *Journal of Law and Courts*. Forthcoming.

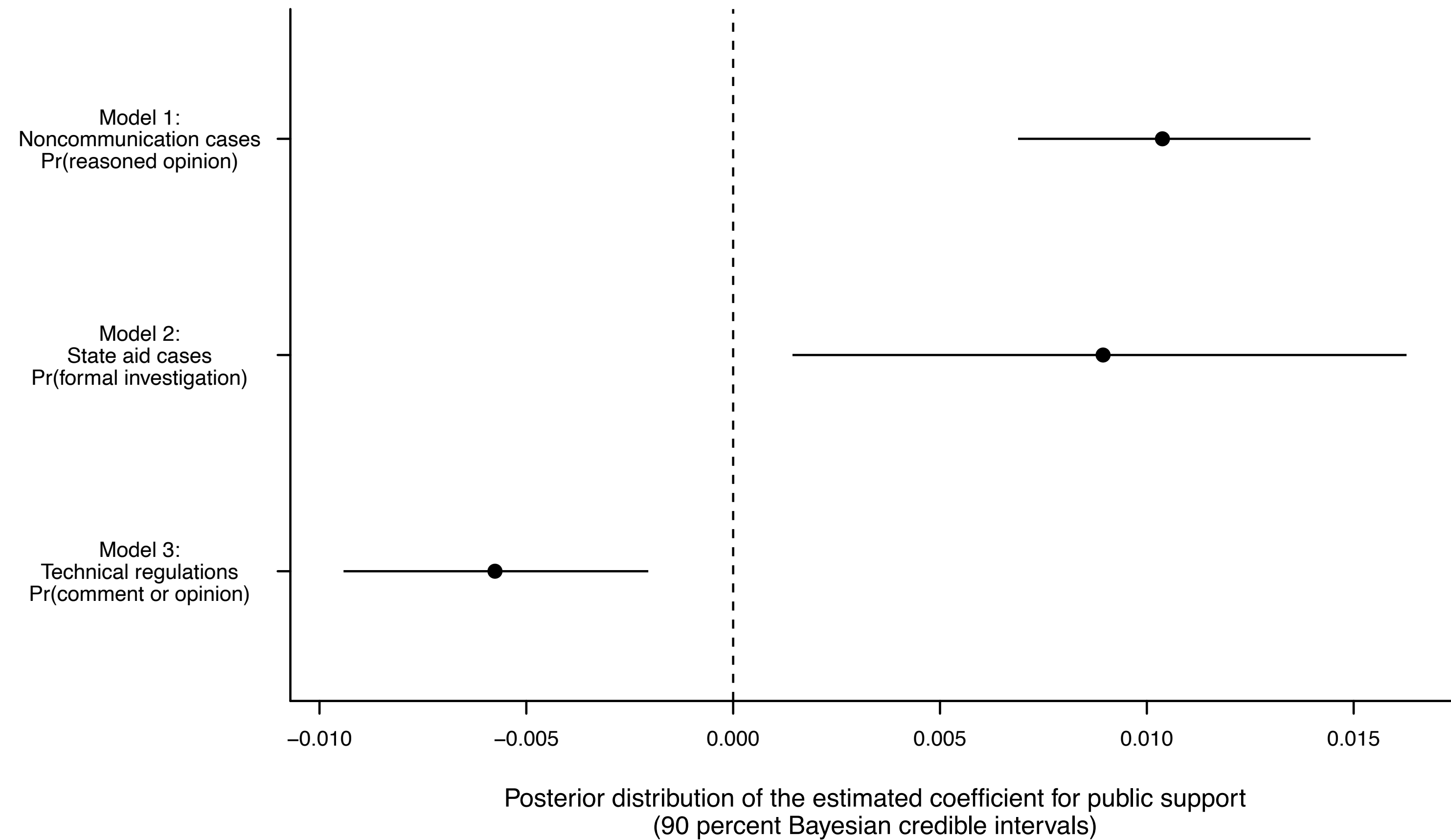
# Density plots



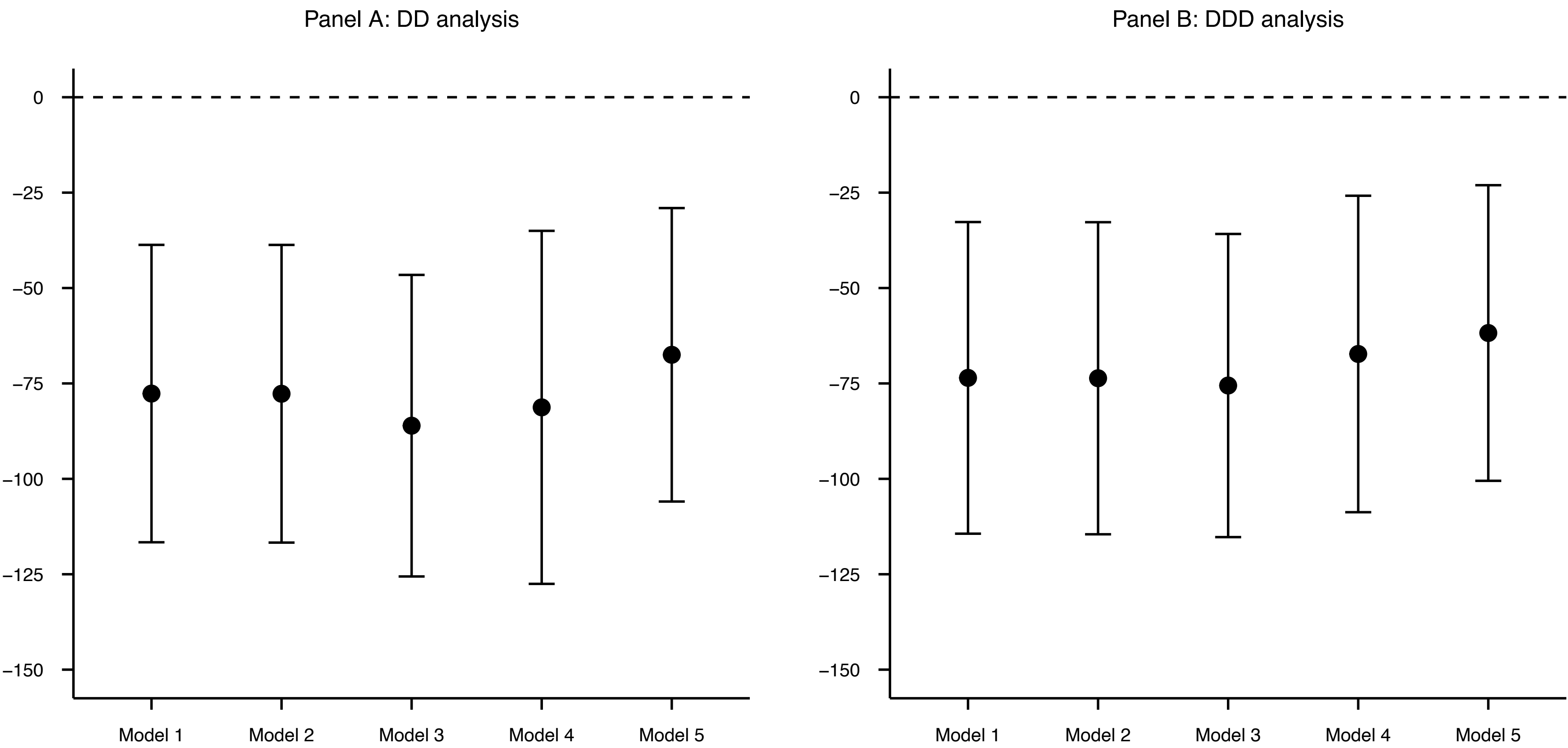
# Predicted probability plots



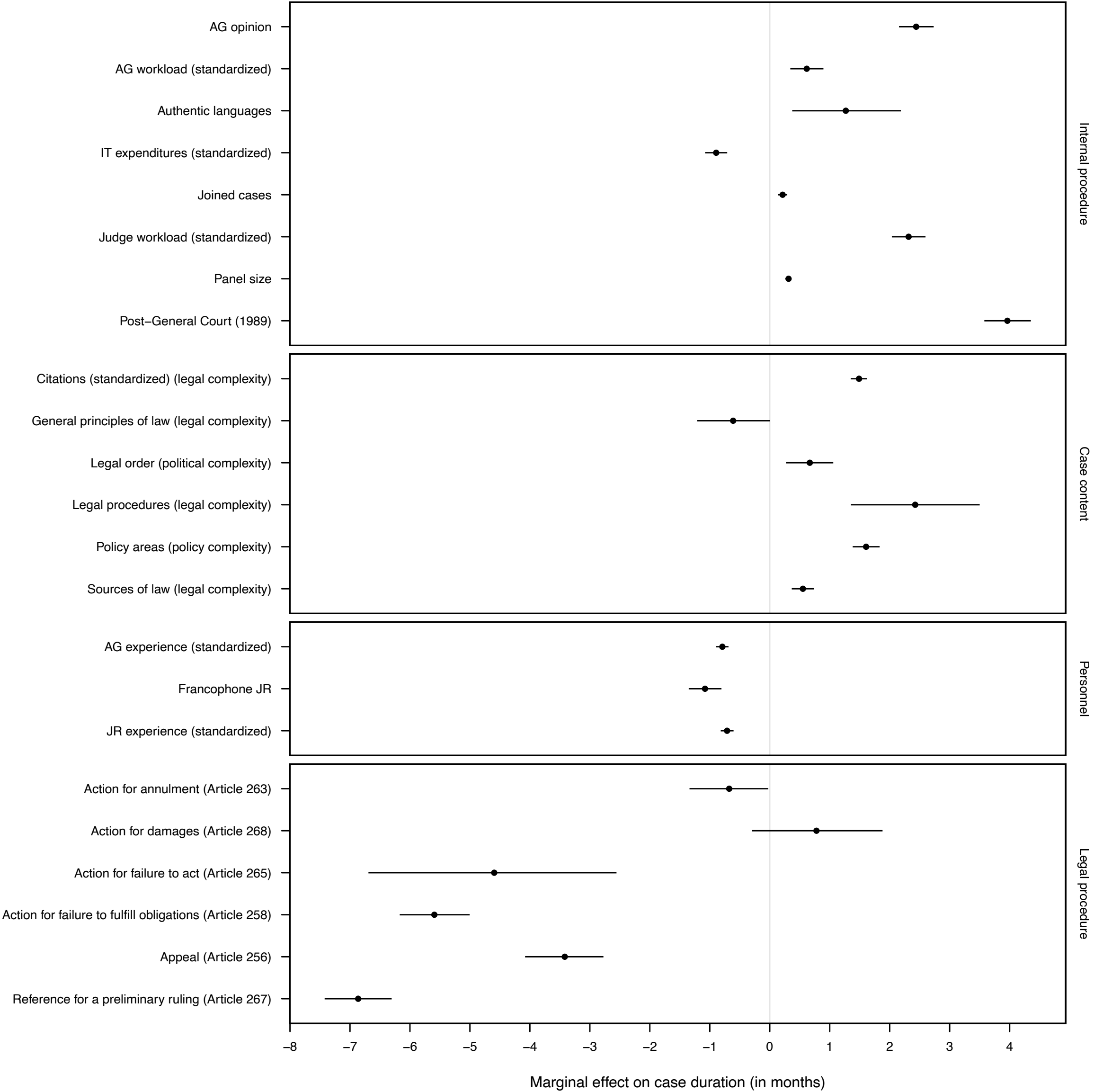
# Coefficient plots



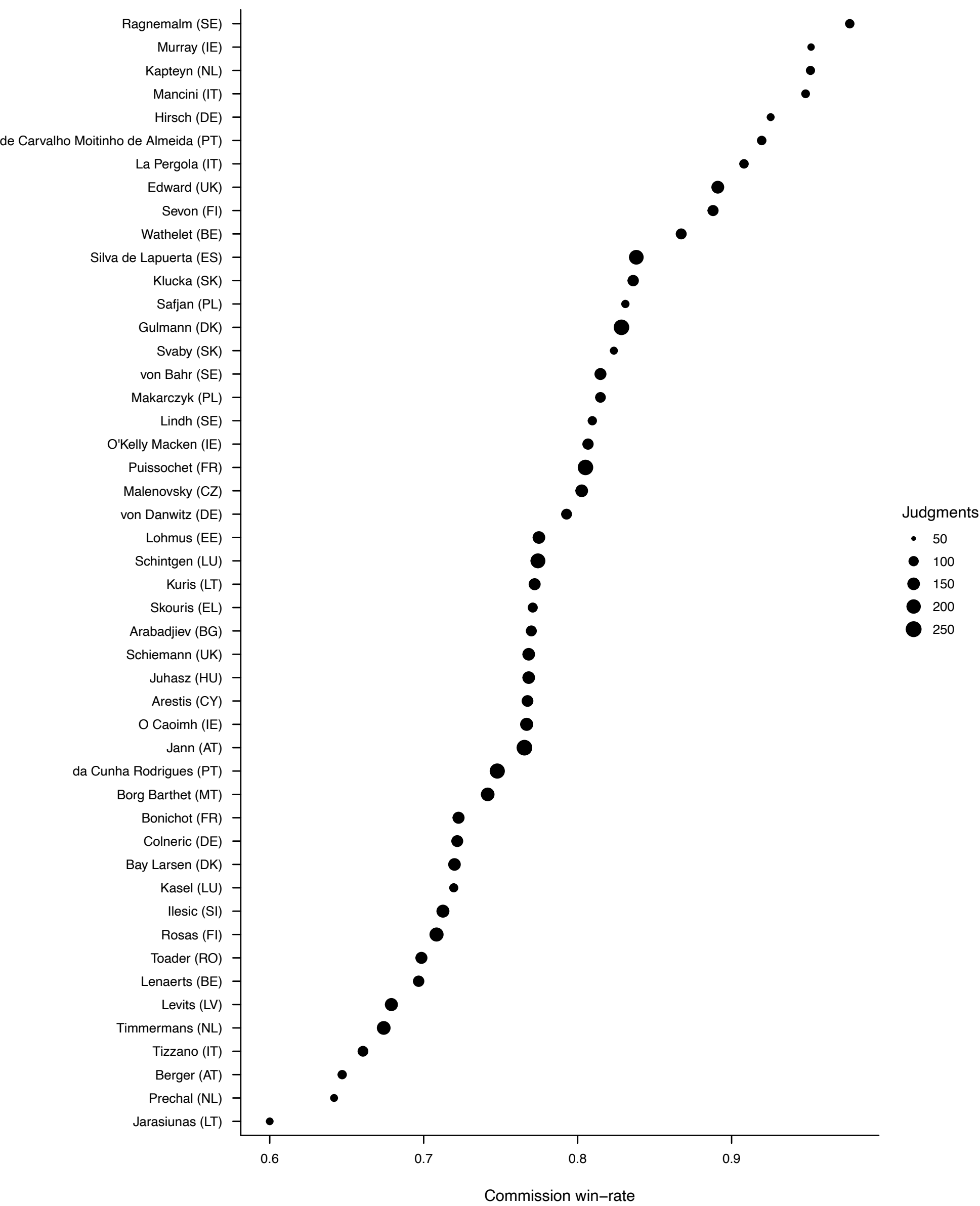
# Coefficient plots



# Coefficient plots

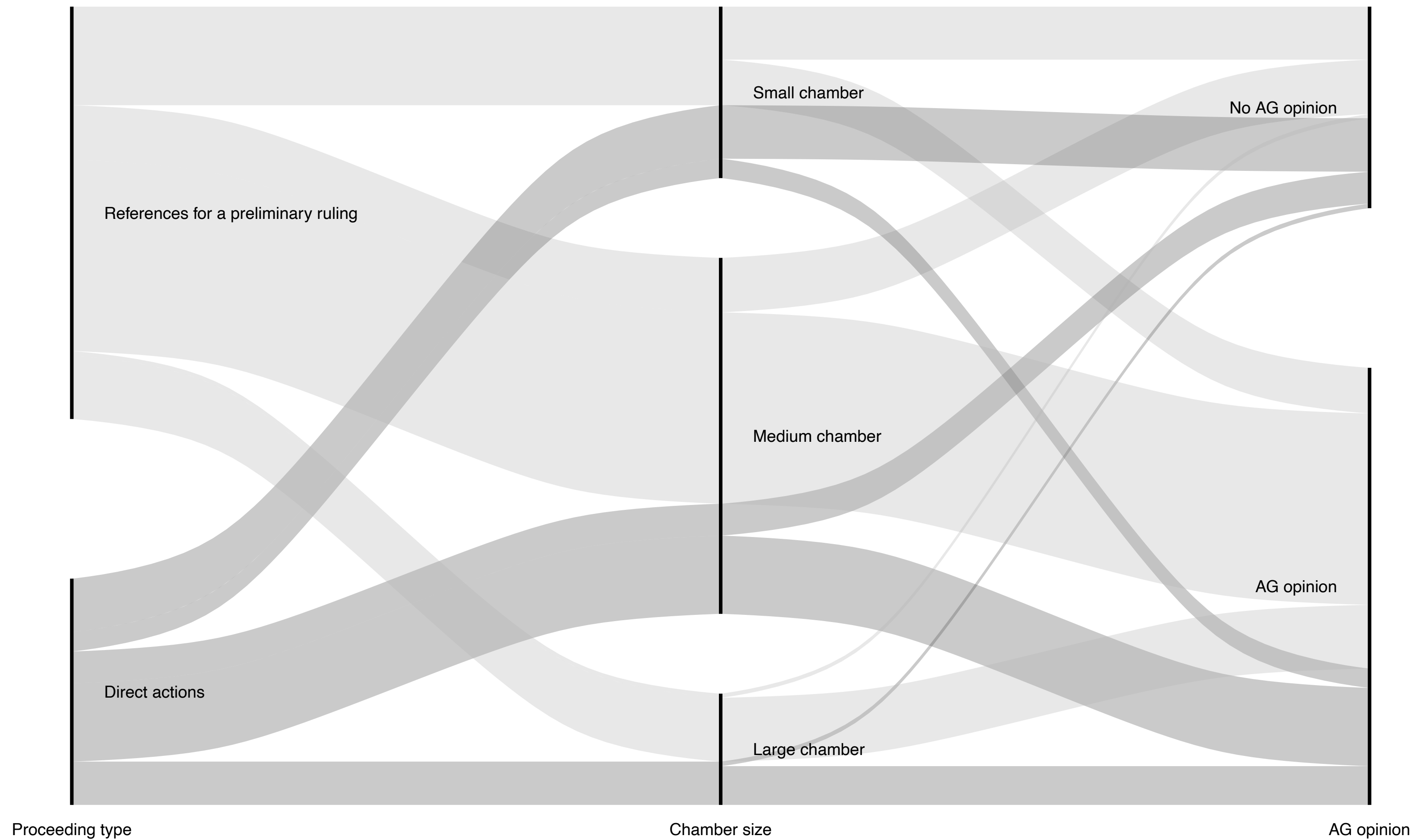


# Dot plots



Fjelstul, Joshua C. "How the Chamber System at the CJEU Undermines the Consistency of the Court's Application of EU Law." *Journal of Law and Courts*. Forthcoming.

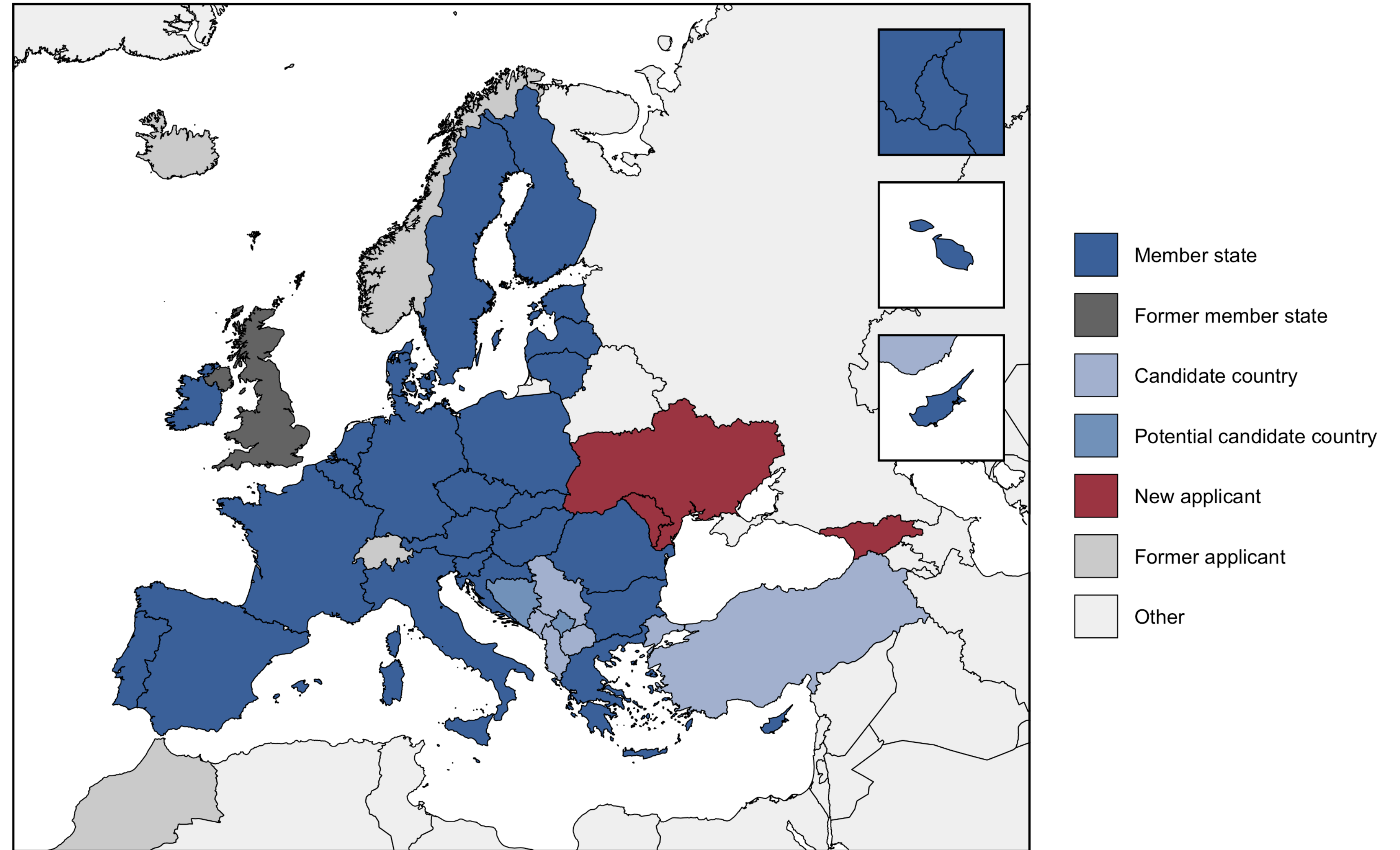
# Alluvial plots





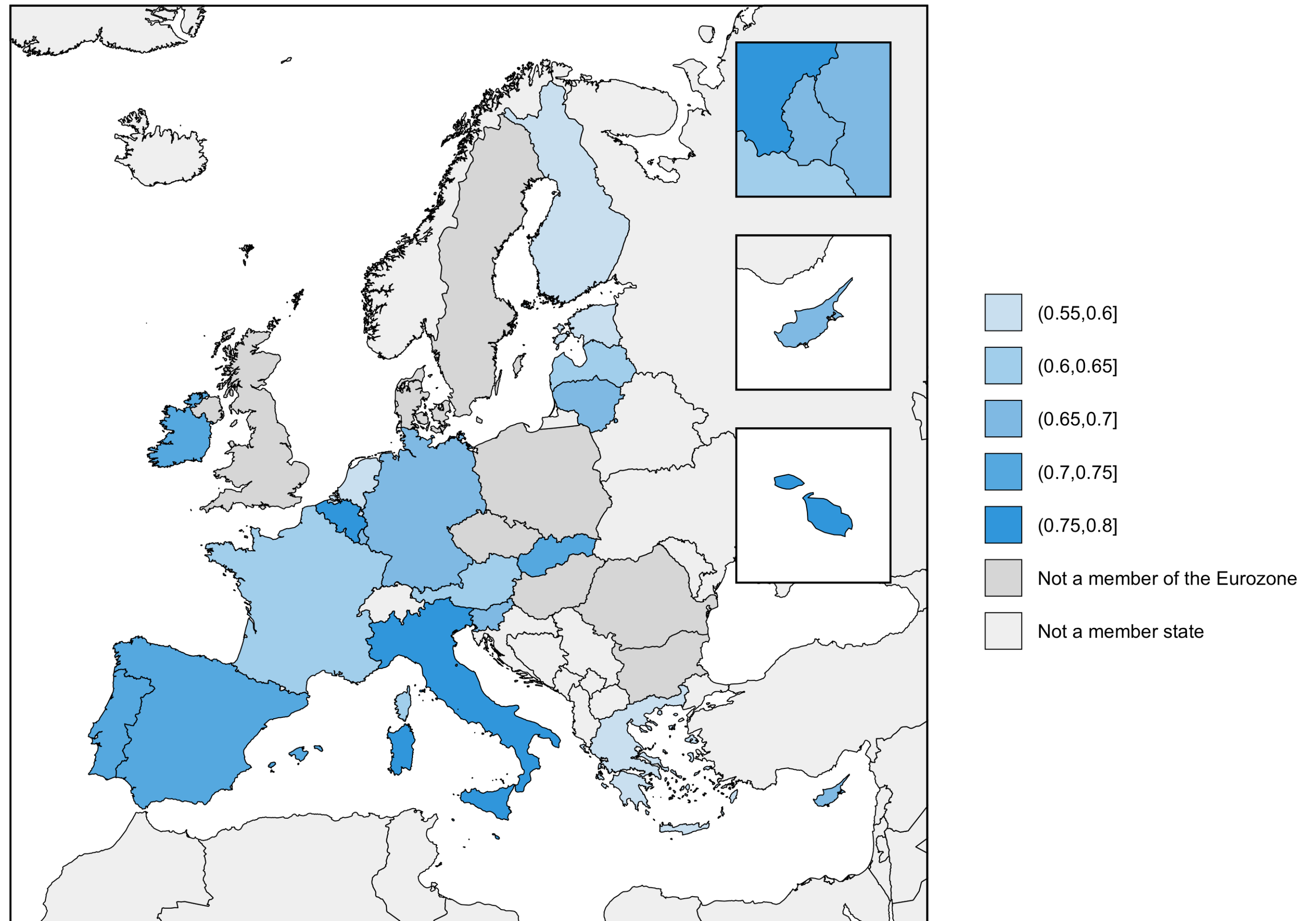
# Maps

The current status of E.U. enlargement

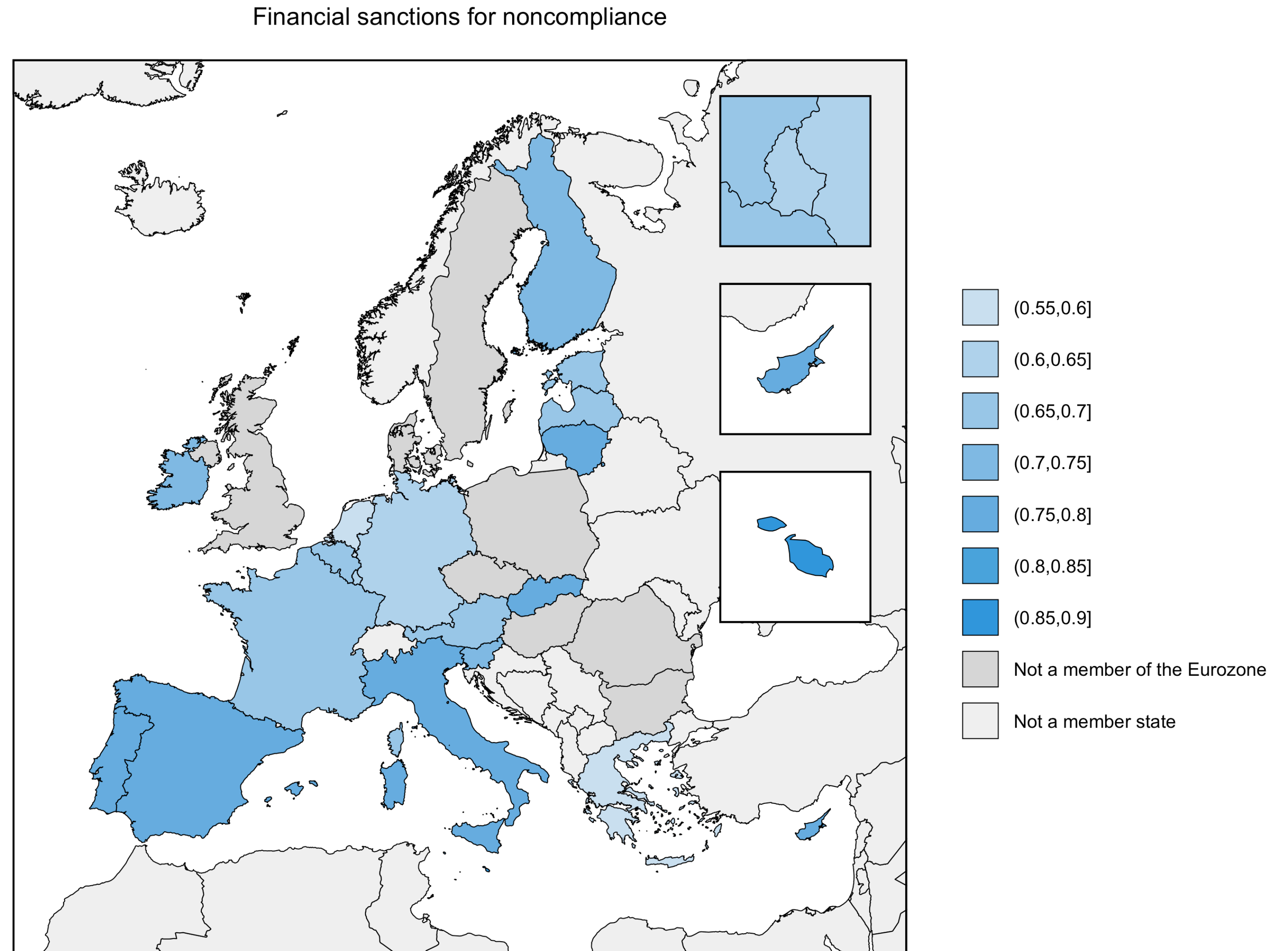


# Maps

Pre-approval of member states' budgets



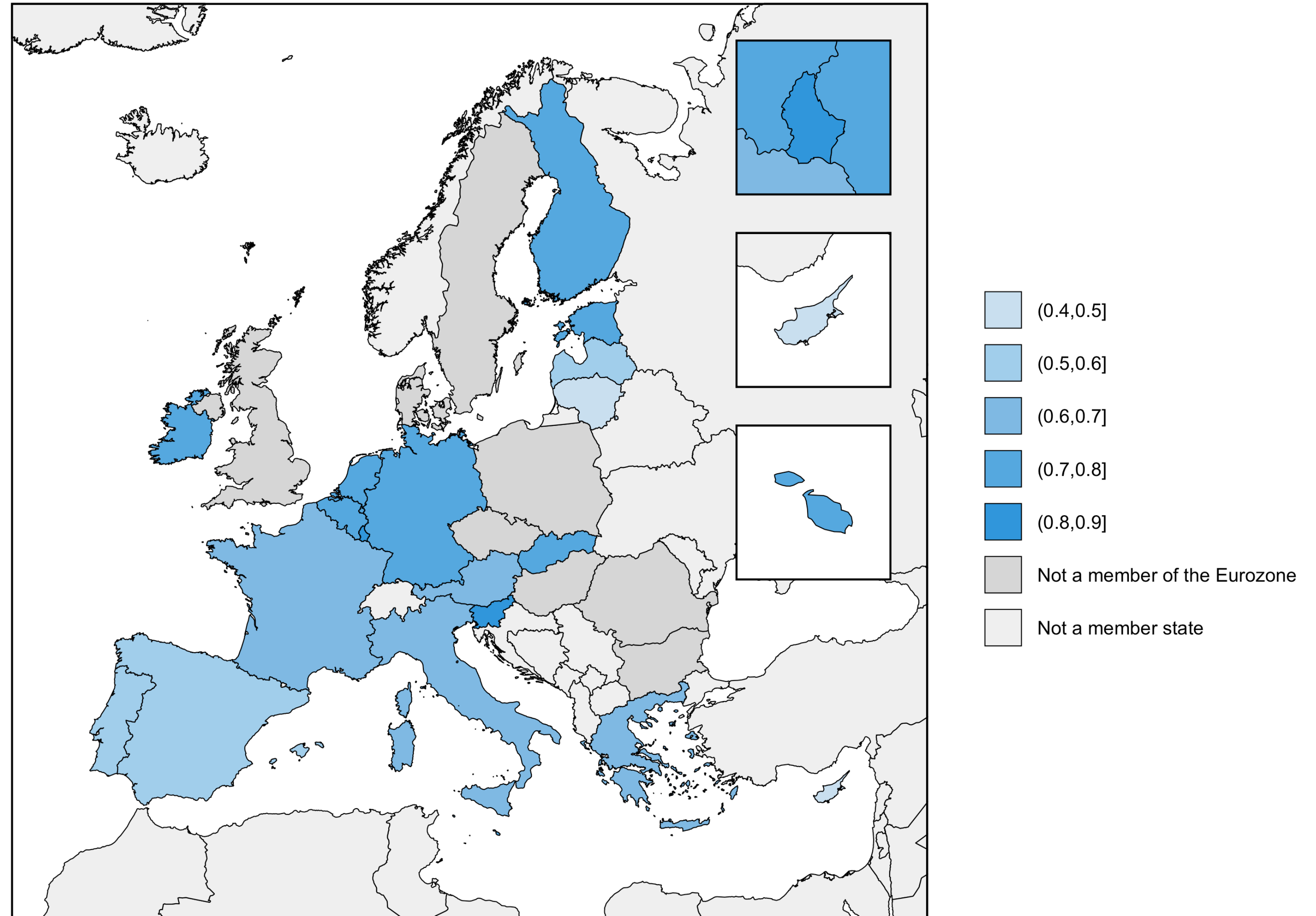
# Maps



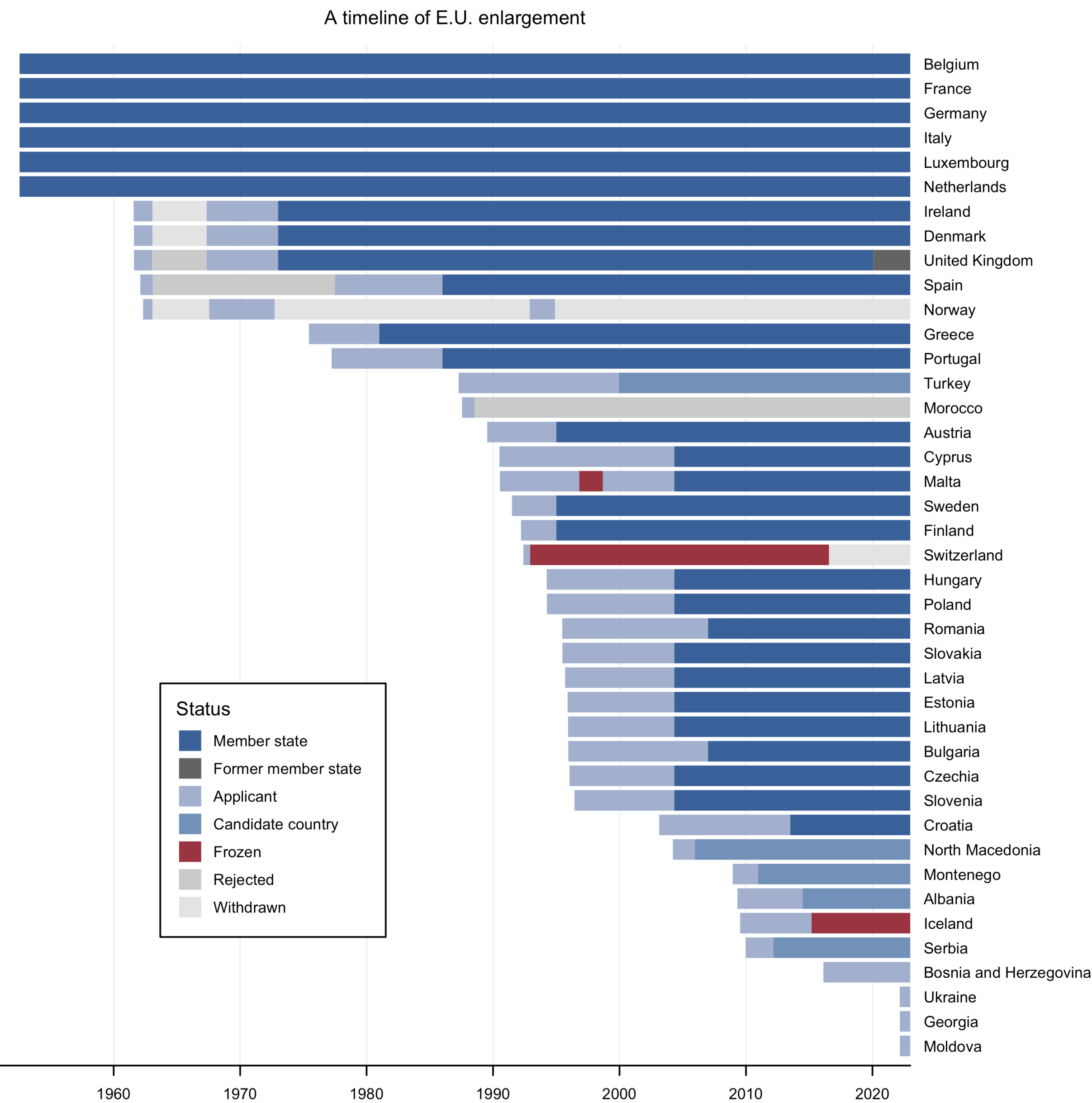


# Maps

Support for the euro

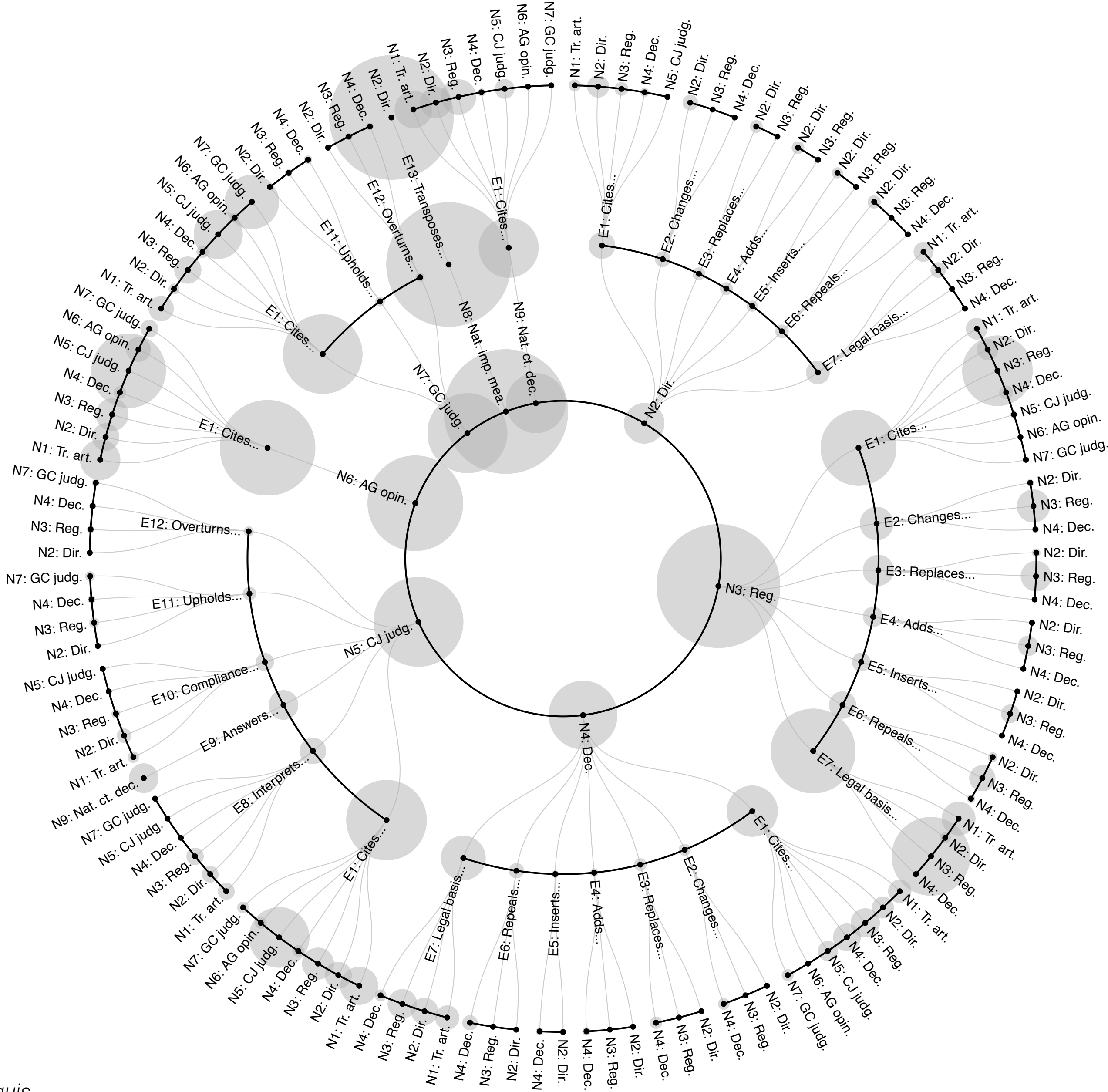


# Timelines



Fjelstul, Joshua C., "Ukraine wants a fast pass to EU membership. It's not that easy." *The Monkey Cage*, *The Washington Post*. March 9, 2022.

# Dendrograms



Fjelstul, Joshua C. 2019. "The Evolution of European Union Law: A New Dataset on the *Acquis Communautaire*." *European Union Politics* 20(4): 670-691.