**Tobias BÖHMELT and Tina FREYBURG:** Forecasting Candidate States’ Compliance with EU Accession Rules, 2017-50. *Journal of European Public Policy.*

**ONLINE APPENDIX**

*This appendix contains the additional information that is not reported in detail in the paper due to space constraints. Generally, all primary analyses and robustness checks can be replicated using the corresponding online material.*

**Appendix 1.** Covariates Used in Existing Quantitative Research.

|  |  |  |
| --- | --- | --- |
| Variable | Effect (significance) | Reference |
| *Costs* | | |
| Political constraints index | positive significant | Hille/Knill 2006 |
| (Henisz’s Polcon III index) | ~ zero | Böhmelt/Freyburg 2013 |
|  | ~ zero | Böhmelt/Freyburg 2015 |
| Government’s position | positive | Hille/Knill 2006 |
| (Hille/Knill based on Benoit and Laver 2006) | negative significant  ~ zero | Böhmelt/Freyburg 2013  Böhmelt/Freyburg 2015 |
| Political liberalization | ~ zero | Hille/Knill 2006 |
| (Polity IV) | positive significant | Böhmelt/Freyburg 2013 |
|  | ~ zero | Böhmelt/Freyburg 2015 |
| Economic liberalization | positive significant | Böhmelt/Freyburg 2013 |
| (Heritage Foundation Index) | ~ zero | Böhmelt/Freyburg 2015 |
| *Capabilities* |  |  |
| Government expenditures, p.c. | ~ zero | Hille/Knill 2006 |
| (CIA factbook; WB) | ~ zero | Böhmelt/Freyburg 2013 |
|  | ~ zero | Böhmelt/Freyburg 2015 |
| Gross domestic product, p.c. | positive | Hille/Knill 2006 |
| (Commission reports; WB) | negative significant | Böhmelt/Freyburg 2013 |
|  | ~ zero | Böhmelt/Freyburg 2015 |
| Bureaucratic strength | positive significant | Hille/Knill 2006 |
| (WB governance Index) | ~ zero | Böhmelt/Freyburg 2013 |
|  | ~ zero | Böhmelt/Freyburg 2015 |
| *Other* |  |  |
| Pro-enlargement presidency | ~ zero | Böhmelt/Freyburg 2013 |
| Membership probability | positive significant | Böhmelt/Freyburg 2013 |
| IGO membership  (Pevehouse et al. 2004) | positive significant | Böhmelt/Freyburg 2015 |

*Note:* ~ zero if *p* < 0.05 and *β* ≤ 0.1; data source in brackets. Reported are Model 2 in Hille and Knill (2006), Model 3 in Böhmelt and Freyburg (2013), and Model 4 in Böhmelt and Freyburg (2015).

**Appendix 2.** Countries and Years Considered for Analysis**.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country** | **Year Coverage** | | **Application** | | **Candidate Status** | | **Negotiations**  **Start** | | | **Negotiations End** | | **Accession**  **Treaty** | |
| Albania | | 2003-2016 [2050] | | 2009 | | 2014 | | pending | pending | | pending | |
| Bosnia-Herzegovina | | 2004-2016 [2050] | | 2016 | | pending | | pending | pending | | pending | |
| Bulgaria | | 1998-2006 | | 1995 | | 1997 | | 2000 | 2004 | | 2005 | |
| Croatia | | 2002-2012 | | 2003 | | 2004 | | 2005 | 2011 | | 2011 | |
| Cyprus | | 1998-2003 | | 1990 | | 1997 | | 1998 | 2002 | | 2003 | |
| Czech Republic | | 1998-2003 | | 1996 | | 1997 | | 1998 | 2002 | | 2003 | |
| Estonia | | 1998-2003 | | 1995 | | 1997 | | 1998 | 2002 | | 2003 | |
| Hungary | | 1998-2003 | | 1994 | | 1997 | | 1998 | 2002 | | 2003 | |
| Latvia | | 1998-2003 | | 1995 | | 1997 | | 2000 | 2002 | | 2003 | |
| Lithuania | | 1998-2003 | | 1995 | | 1997 | | 2000 | 2002 | | 2003 | |
| Macedonia | | 2002-2016 [2050] | | 2004 | | 2005 | | pending | pending | | pending | |
| Malta | | 1999-2003 | | 1990 | | 1997 | | 2000 | 2002 | | 2003 | |
| Poland | | 1998-2003 | | 1994 | | 1997 | | 1998 | 2002 | | 2003 | |
| Romania | | 1998-2006 | | 1995 | | 1997 | | 2000 | 2004 | | 2005 | |
| Serbia | | 2006-2016 [2050] | | 2009 | | 2012 | | 2014 | pending | | pending | |
| Slovakia | | 1998-2003 | | 1995 | | 1997 | | 2000 | 2002 | | 2003 | |
| Slovenia | | 1998-2003 | | 1996 | | 1997 | | 1998 | 2002 | | 2003 | |
| Turkey | | 1998-2016 [2050] | | 1987 | | 1999 | | 2005 | pending | | pending | |

*Note:* Kosovo and Montenegro are excluded due to lack of data for covariates. Also, Kosovo’s independence has not yet been recognized by all EU member states and Montenegro became independent only in 2006. We also omit Iceland as its government effectively withdrew its application in March 2015; the country had also incorporated about two-thirds of the *acquis* chapters into its legislation already prior to the start of the accession procedure in 2009 through membership in the European Economic Area (EEA), the Schengen Area, and the European Free Trade Association (EFTA).

**Appendix 3.** Covariates Included in the Baseline Model.

|  |  |
| --- | --- |
| Variable | Description or Source |
| Year (ln) | Natural logarithm of year |
| Enlargement 2004 | Dummy for respective enlargement rounds, with 1 = member of this round (0 otherwise) |
| Enlargement 2007 |
| Enlargement 2013 |
| Future Enlargement |  |
| Country Fixed Effects | Dummy for respective country, with 1 = country under study (0 otherwise) |
| Education | International Institute for Applied Systems Analysis |
| Relative Youth Size Cohort | UN World Population Prospects 2006 |
| Infant Mortality Rate | UN World Population Prospects 2006 |

**Appendix 4.** Baseline Model of EU Accession Compliance.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | **Model 1**  **(1998-2008)** | | **Model 2**  **(1998-2016)** | |
| Year (ln) | | 0.287 | | 0.296 | |
|  | | (0.022) | | (0.021) | |
| Enlargement 2004 | | 0.246 | | 0.244 | |
|  | | (0.138) | | (0.160) | |
| Enlargement 2007 | | 0.122 | | 0.240 | |
|  | | (0.110) | | (0.140) | |
| Future Enlargement | | 0.116 | | 0.055 | |
|  | | (0.069) | | (0.050) | |
| Youth | | 0.006 | | -0.025 | |
|  | | (0.020) | | (0.015) | |
| Education | | 2.044 | | 0.689 | |
|  | | (1.214) | | (0.814) | |
| Infant Mortality Rate | | 0.017 | | 0.024 | |
|  | | (0.010) | | (0.008) | |
| Constant | | -2.298 | | -0.820 | |
|  | | (1.244) | | (0.843) | |
| *Observations* | | *120* | | *164* | |
| *Country Fixed Effects* | | *Yes* | | *Yes* | |
| *Prob > F* | | *0.000* | | *0.000* | |
| *Adj. R2* | | *0.853* | | *0.813* | |

*Note:* Standard errors in parentheses. Because of collinearity, the 2013 enlargement round and the 2004 enlargement round are omitted in in Model 1 and Model 2, respectively.

**Appendix 5.** Multiple-Step Forecasting Procedure.

