

# Appendix of public employment analysis: Plots

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January 14, 2016

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## 1 Annual data

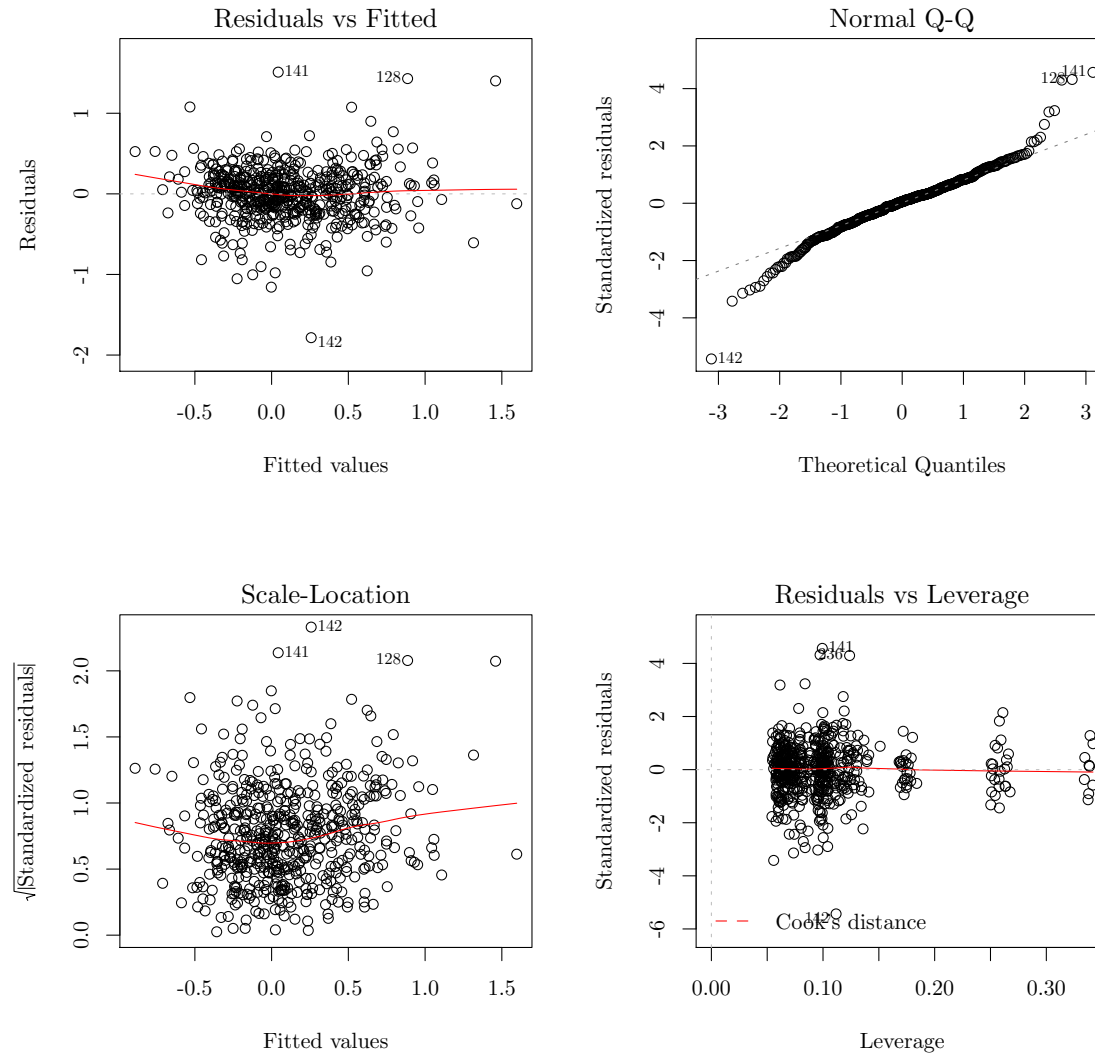


Figure 1: Annual data: Model diagnostic for the linear model  $\Delta(\text{Public Employment Rate})$  against the GDP growth, log of working population, unemployment rate (with lag), and government expenses, with control on autoregression and fixed effects.

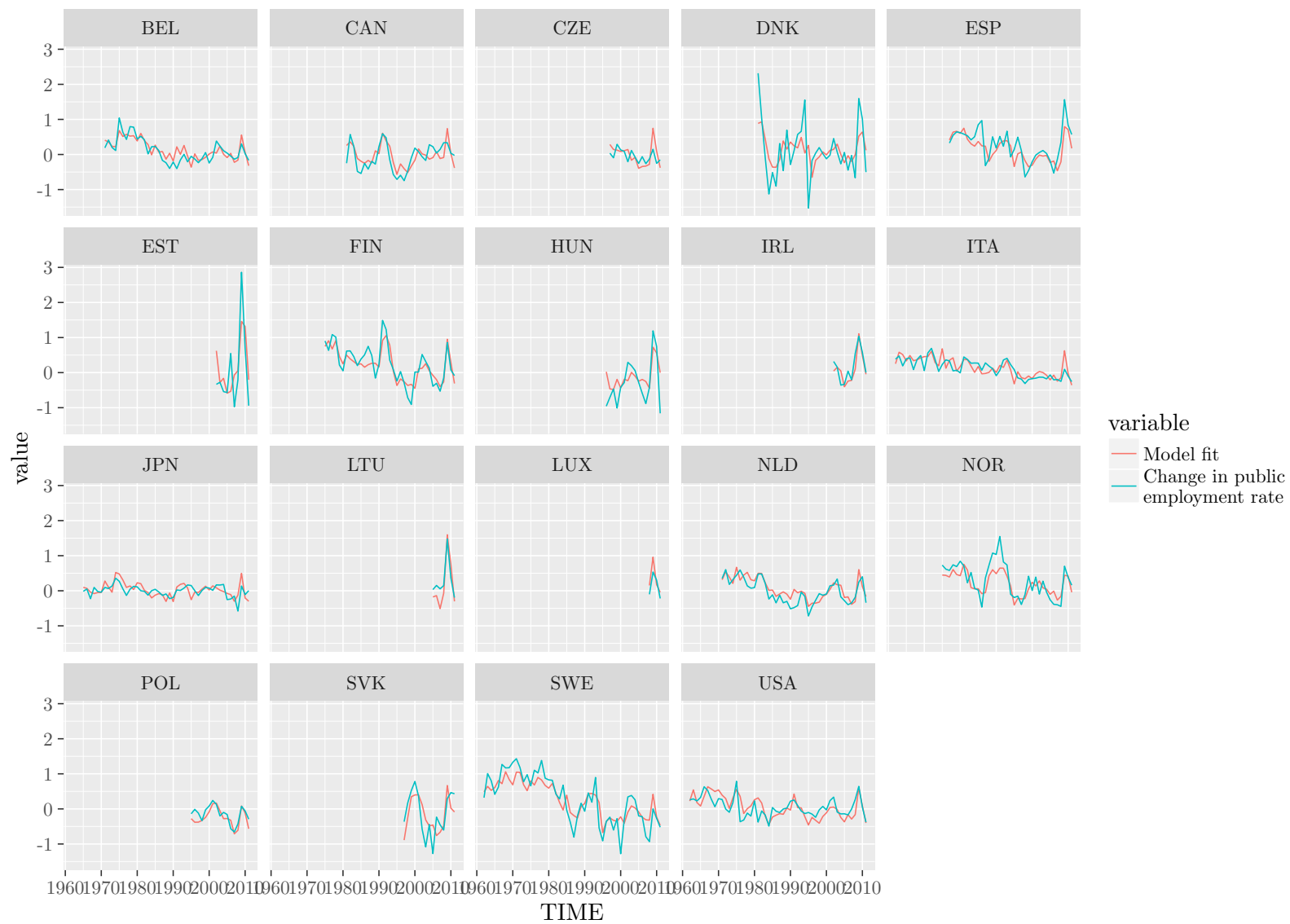


Figure 2: Model fit with annual data.

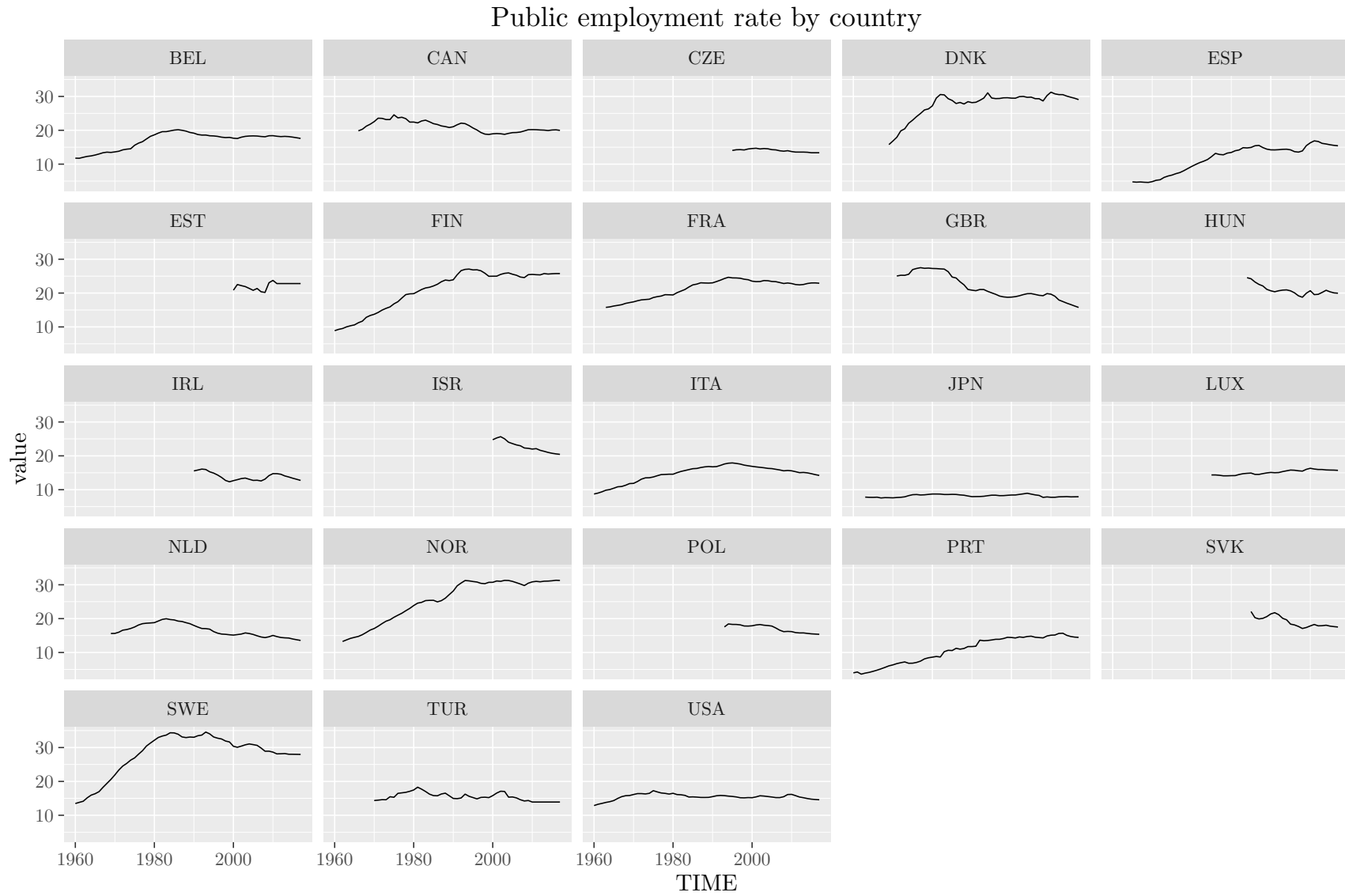


Figure 3: Public employment rate

GDP growth by country

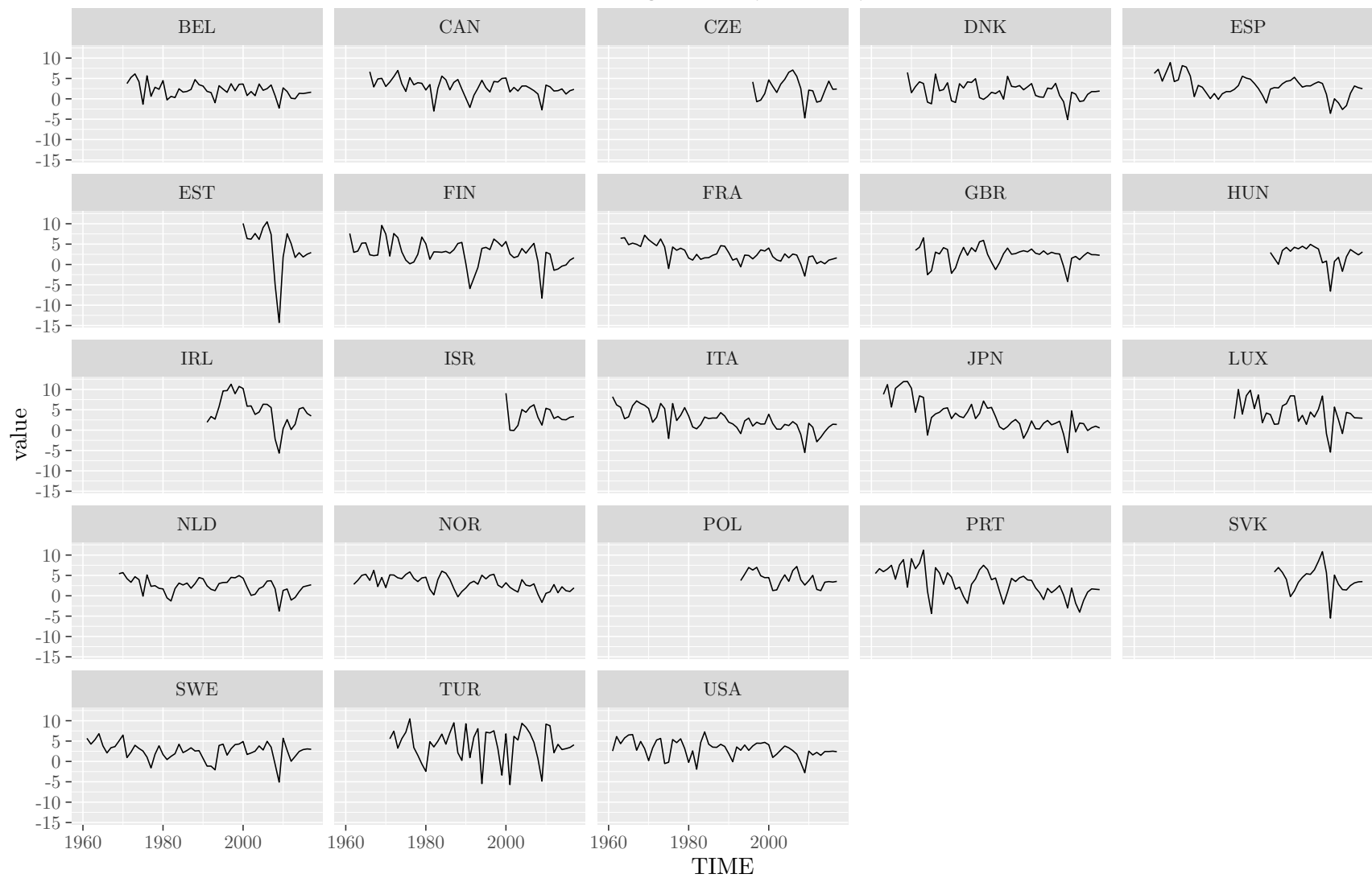


Figure 4: GDP growth, volume

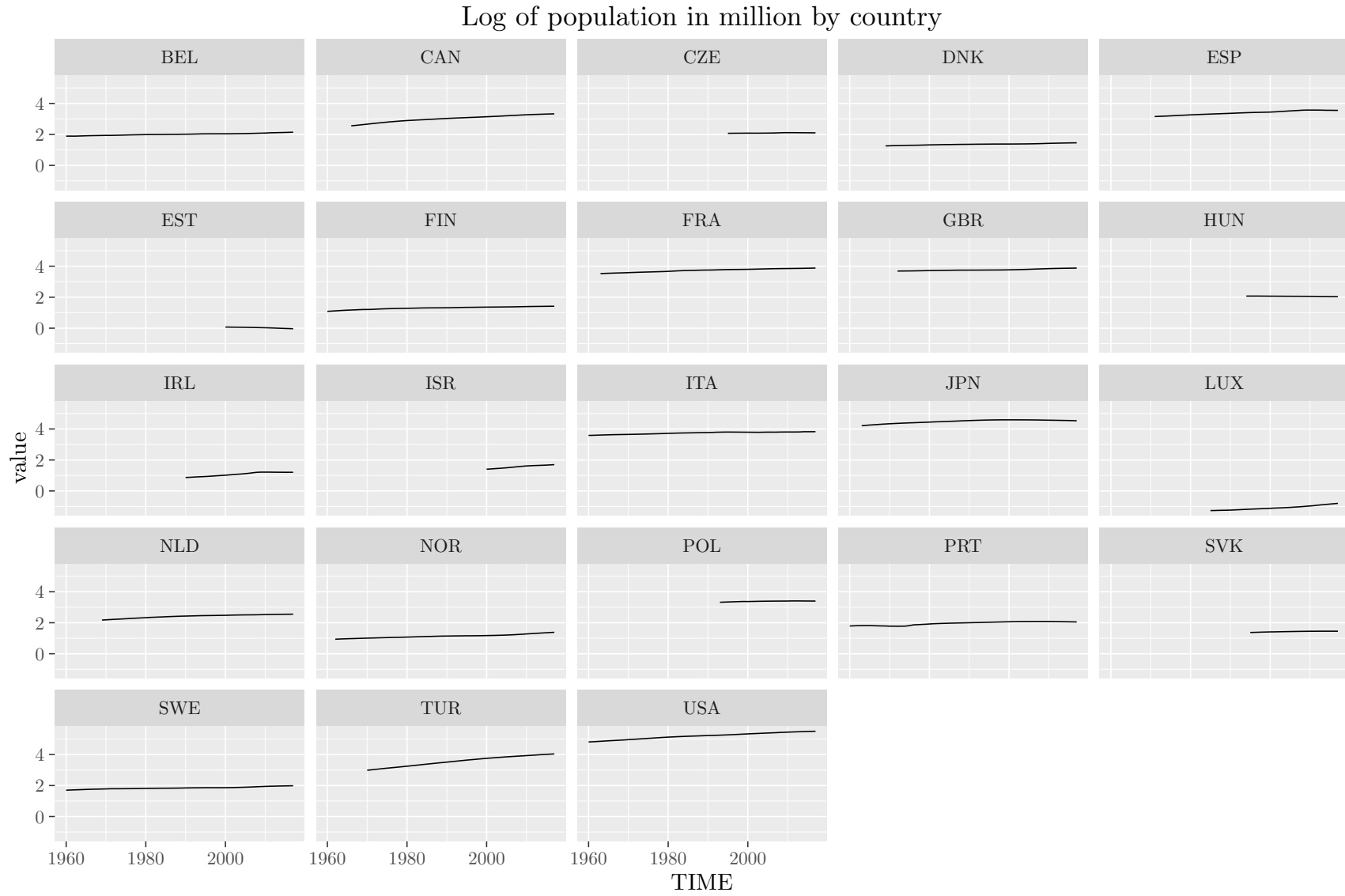


Figure 5: Log of working population

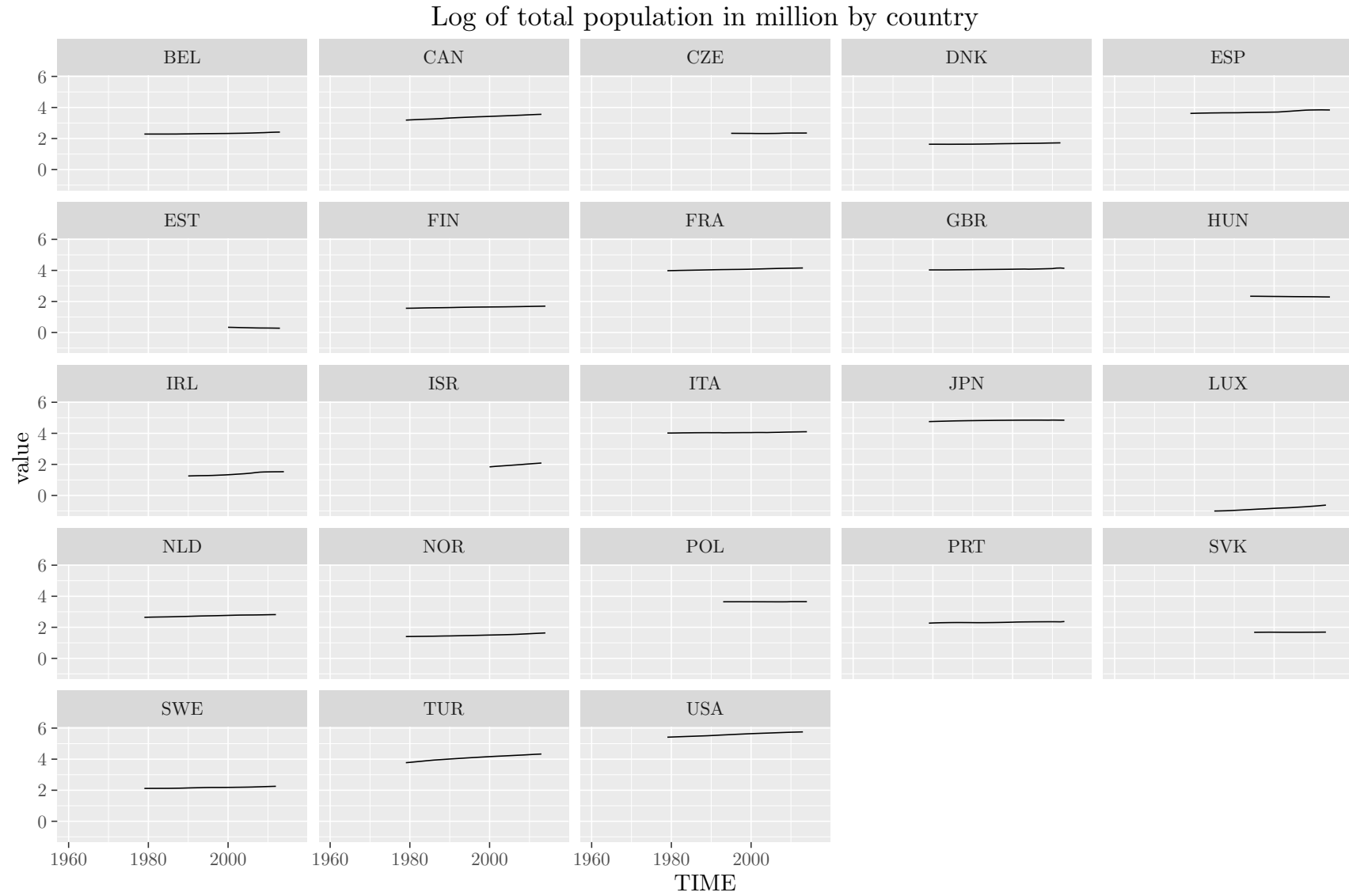


Figure 6: Log of total population

Unemployment rate by country

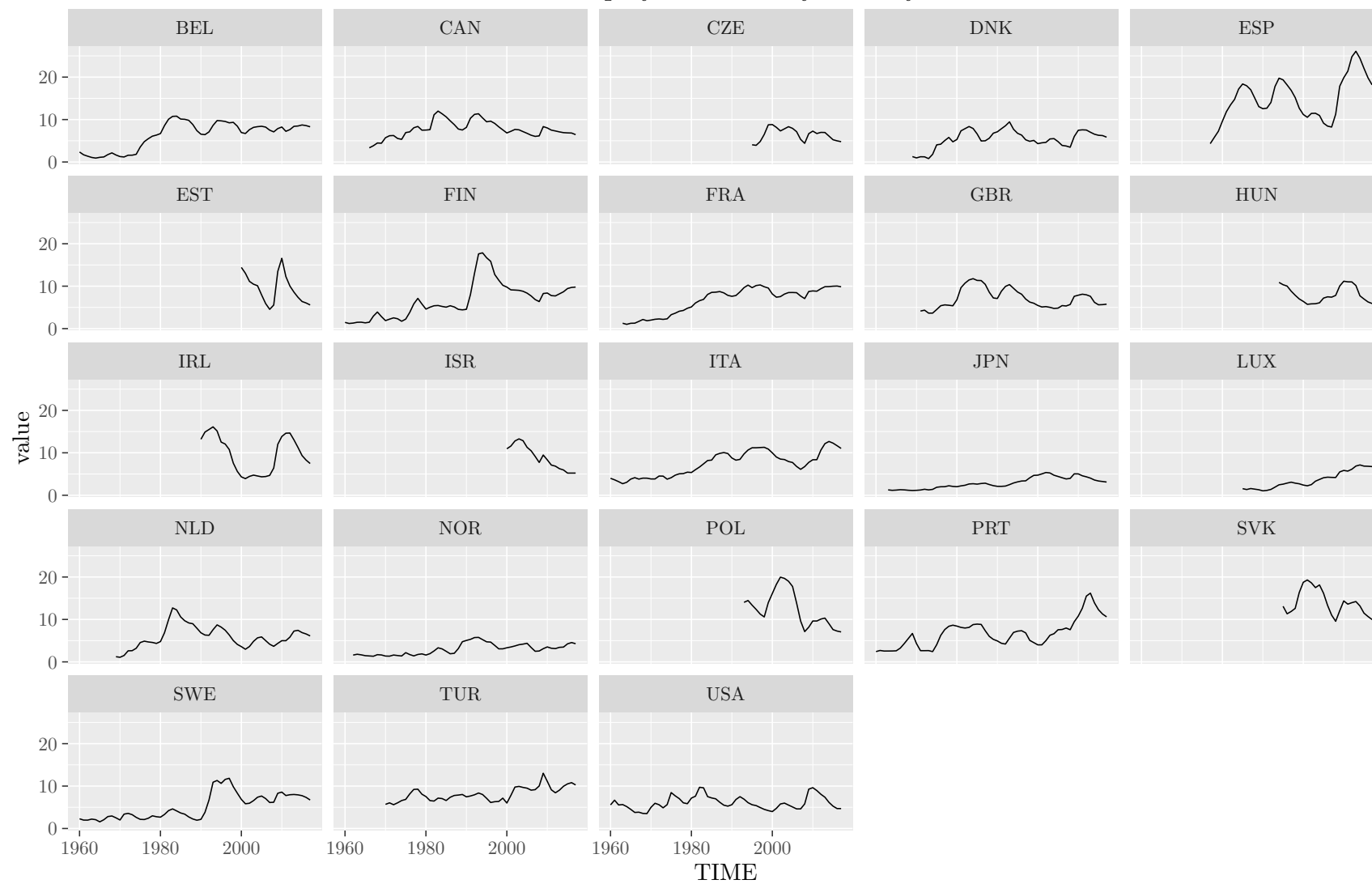


Figure 7: Unemployment rate



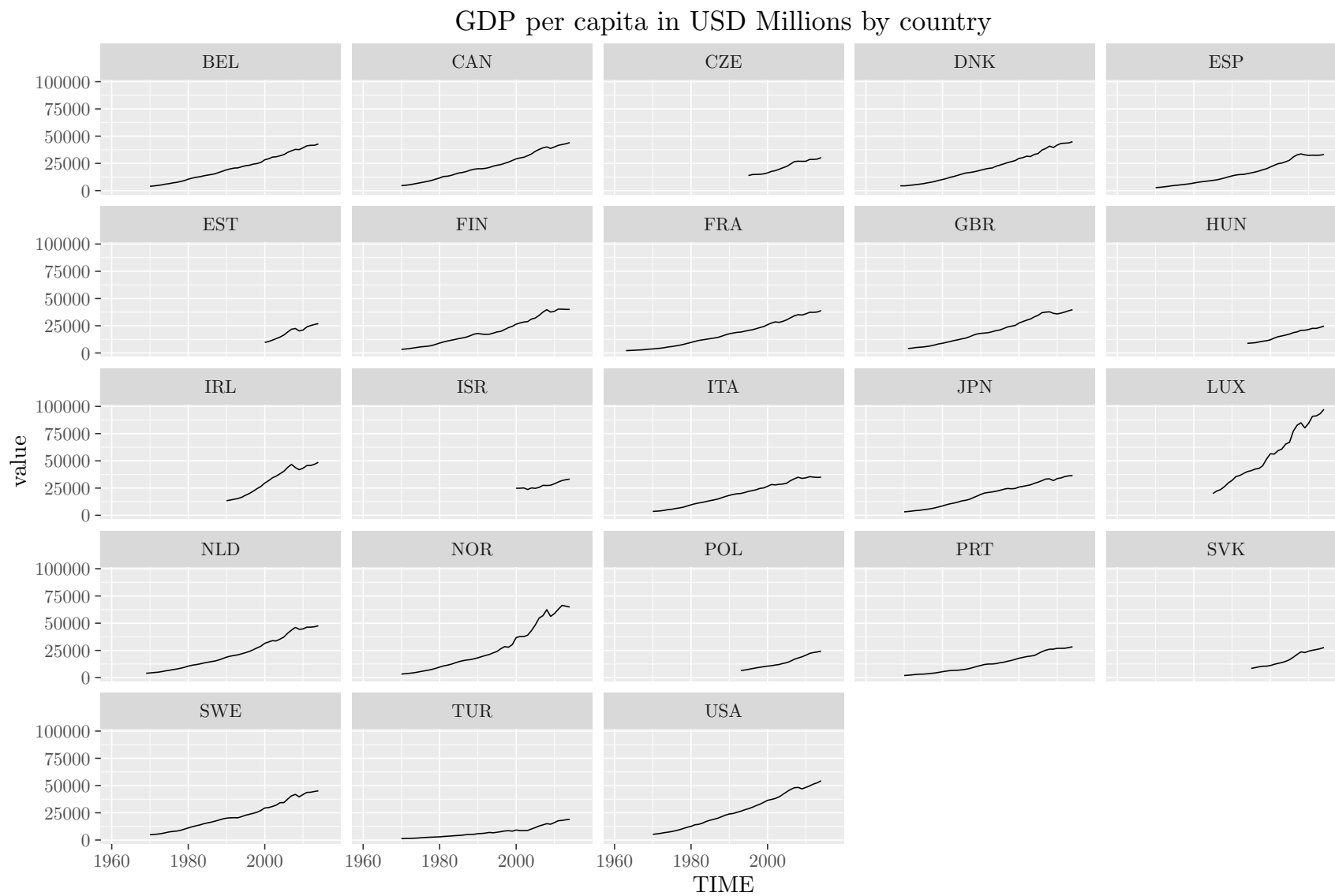


Figure 8: GDP per Capita in USD Millions

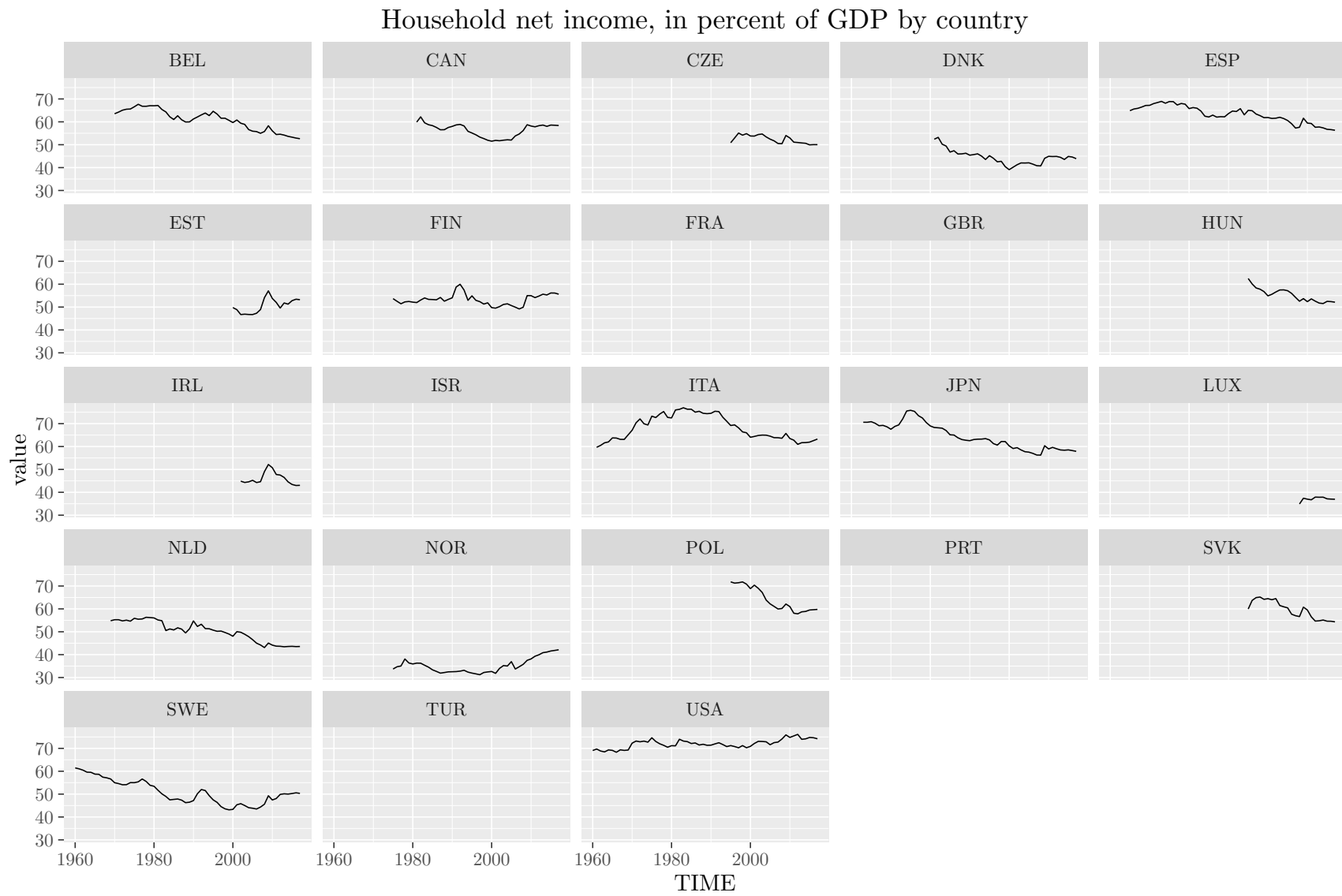


Figure 9: Household net disposable income in percent GDP

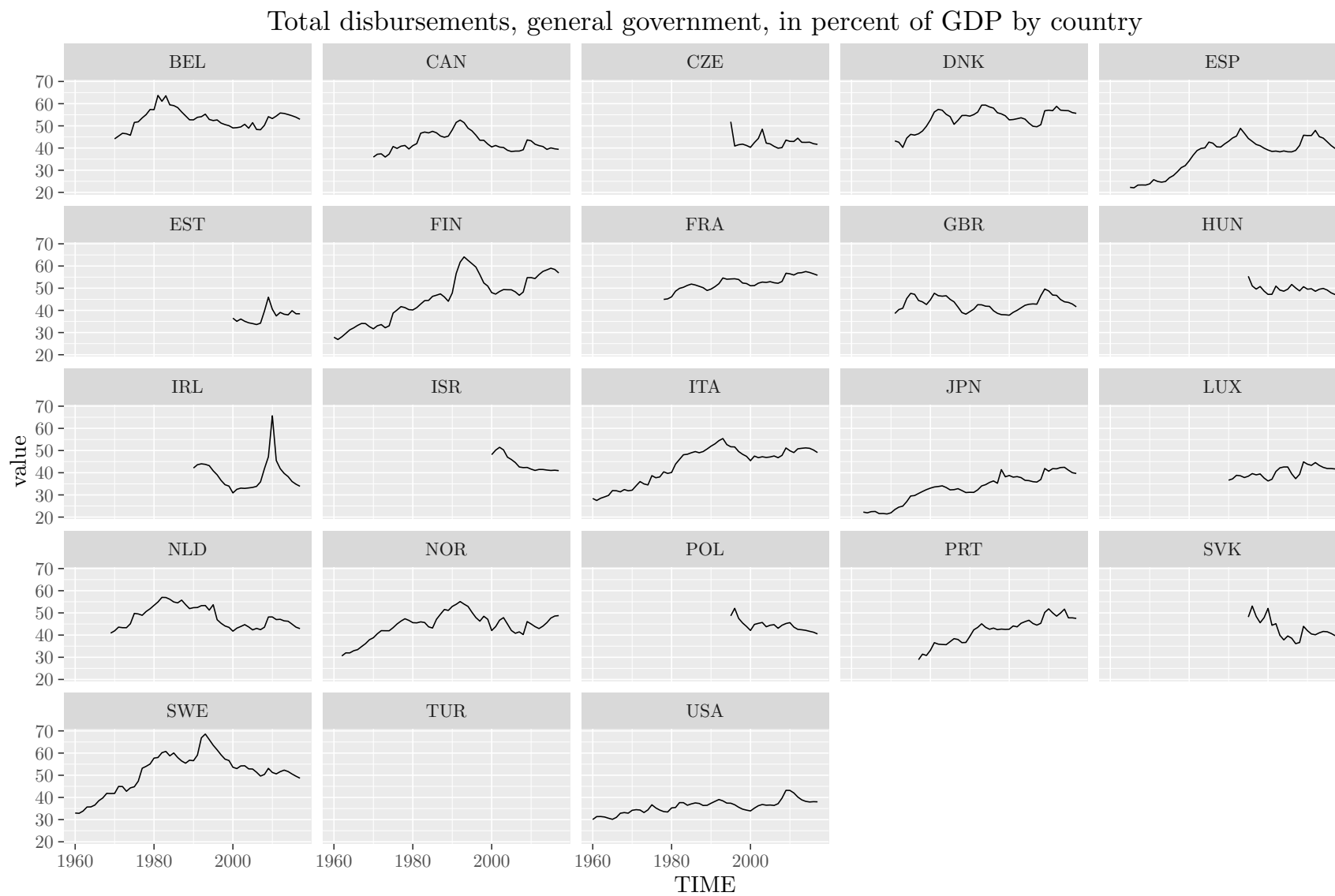


Figure 10: Total government disbursement in percent of GDP

Gini coefficient by country

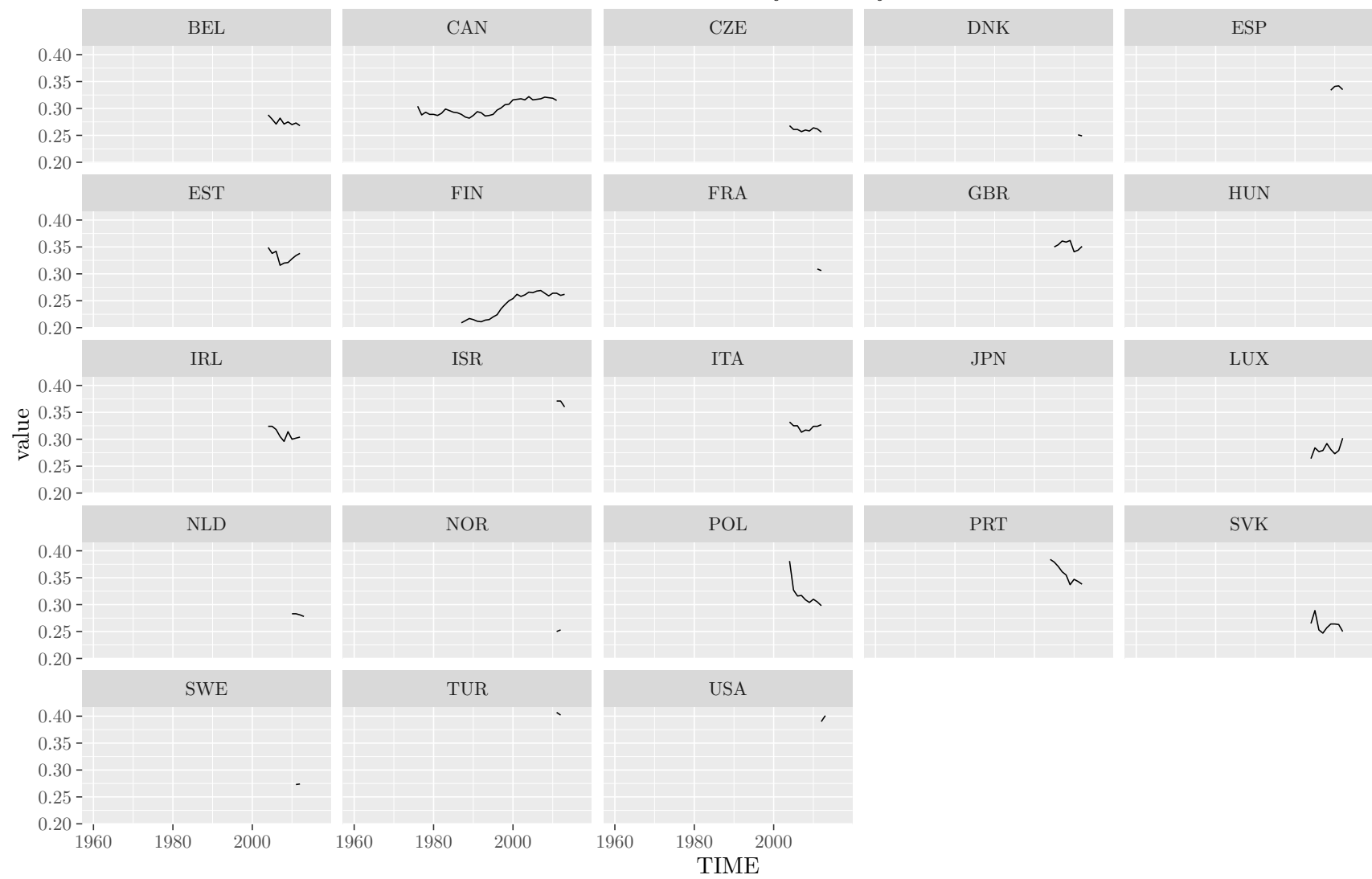


Figure 11: Gini coefficient

IMF GFS Index by country

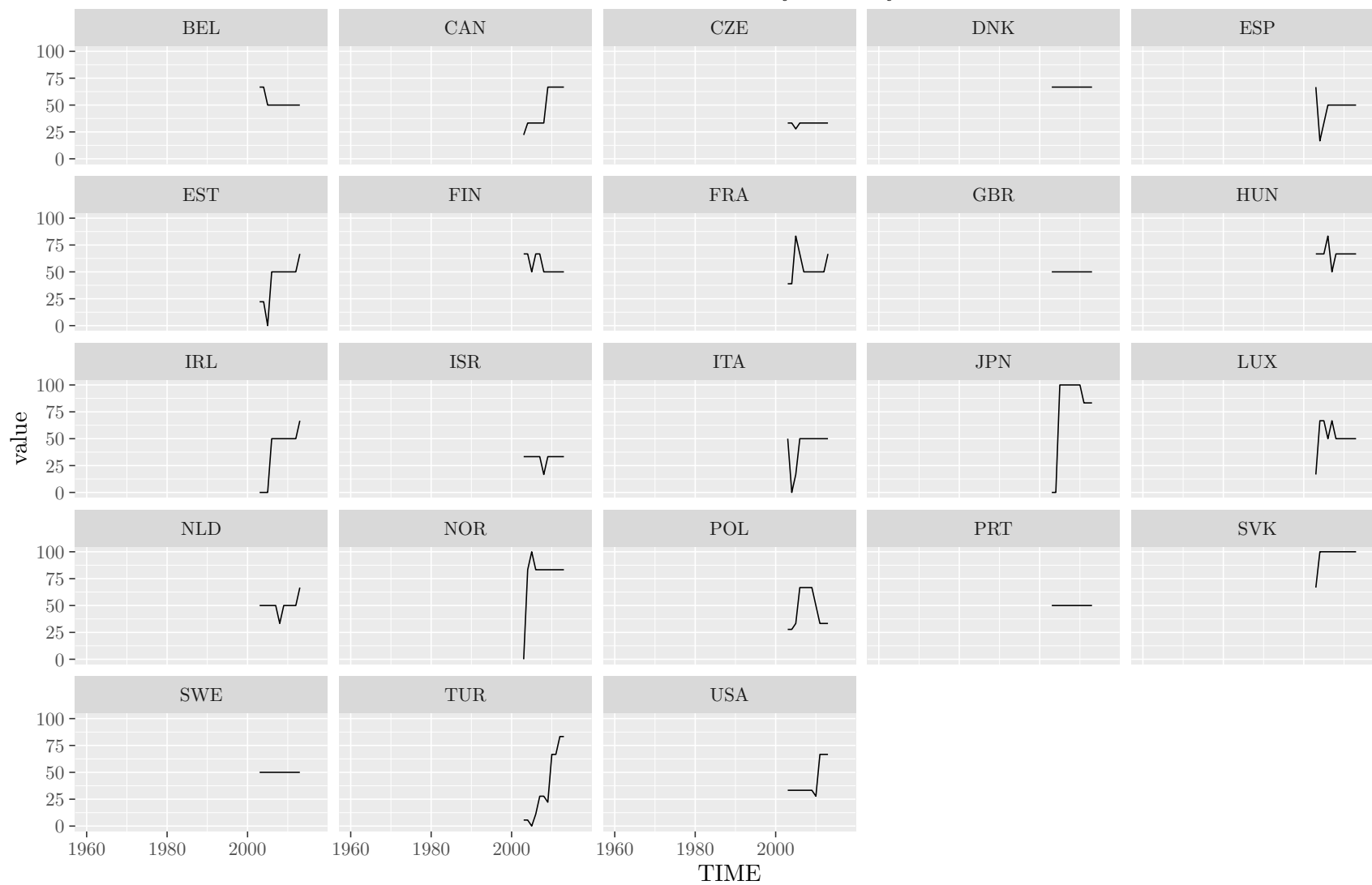


Figure 12: Fiscal Transparency Scores by the IMF

## 2 Quarterly data

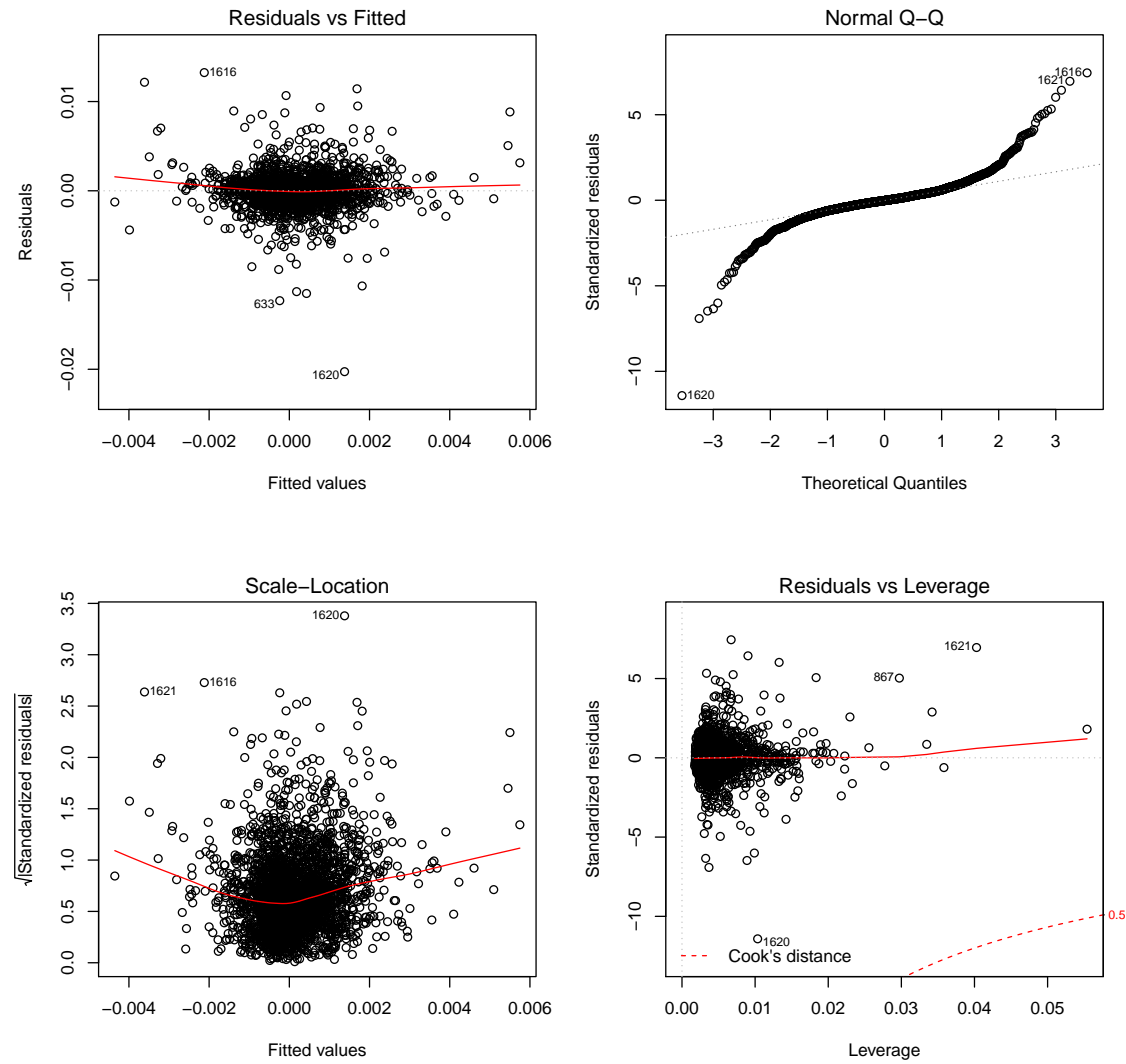


Figure 13: Quarterly data: Model diagnostic for the linear model  $\Delta(\text{Public Employment Rate})$  against the GDP growth, log of working population, unemployment rate (with lag), and government expenses, with control on autoregression and fixed effects.

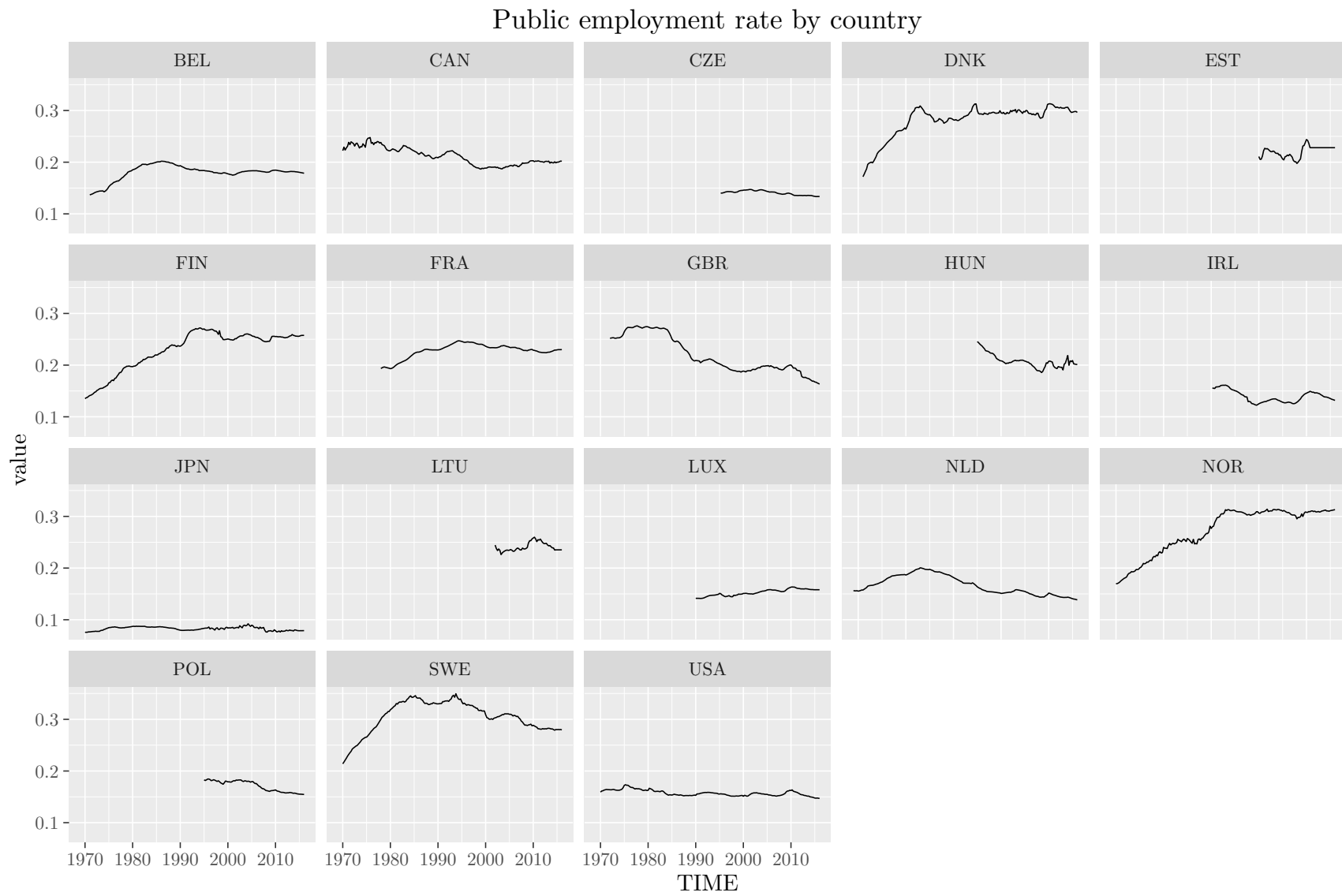


Figure 14: Public employment rate



GDP growth by country

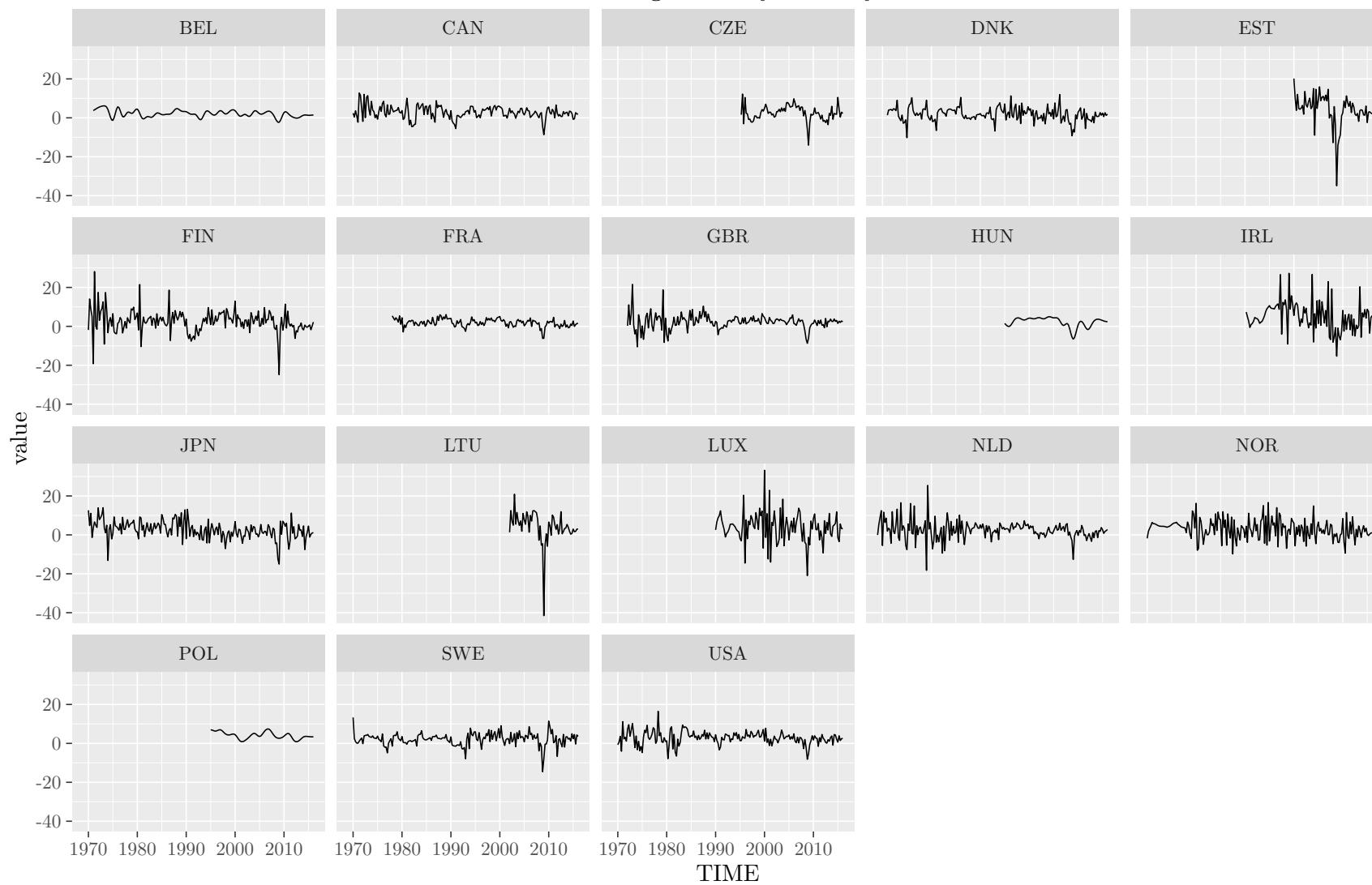


Figure 15: GDP growth, volume

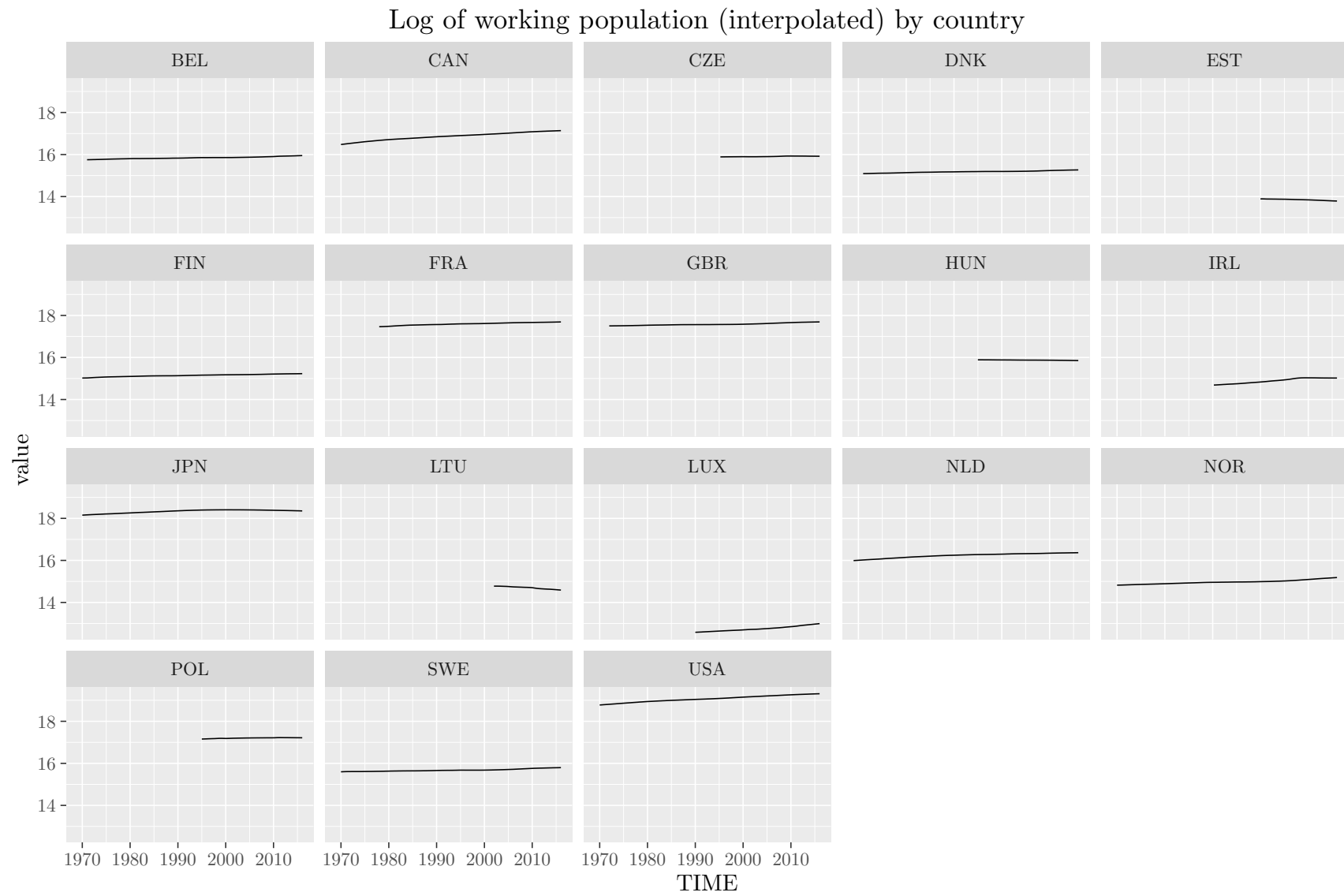


Figure 16: Log of working population

Unemployment rate by country

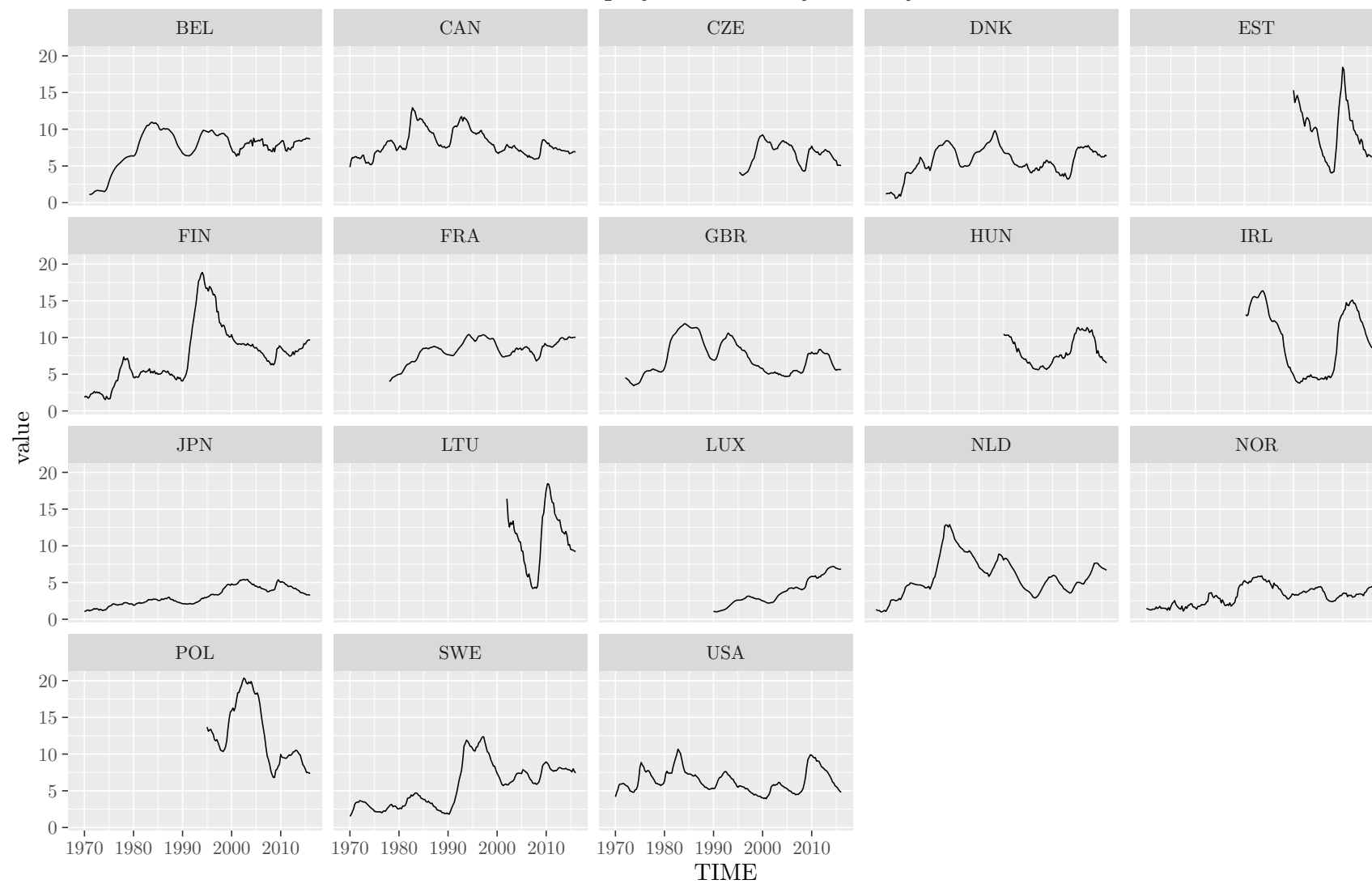


Figure 17: Unemployment rate

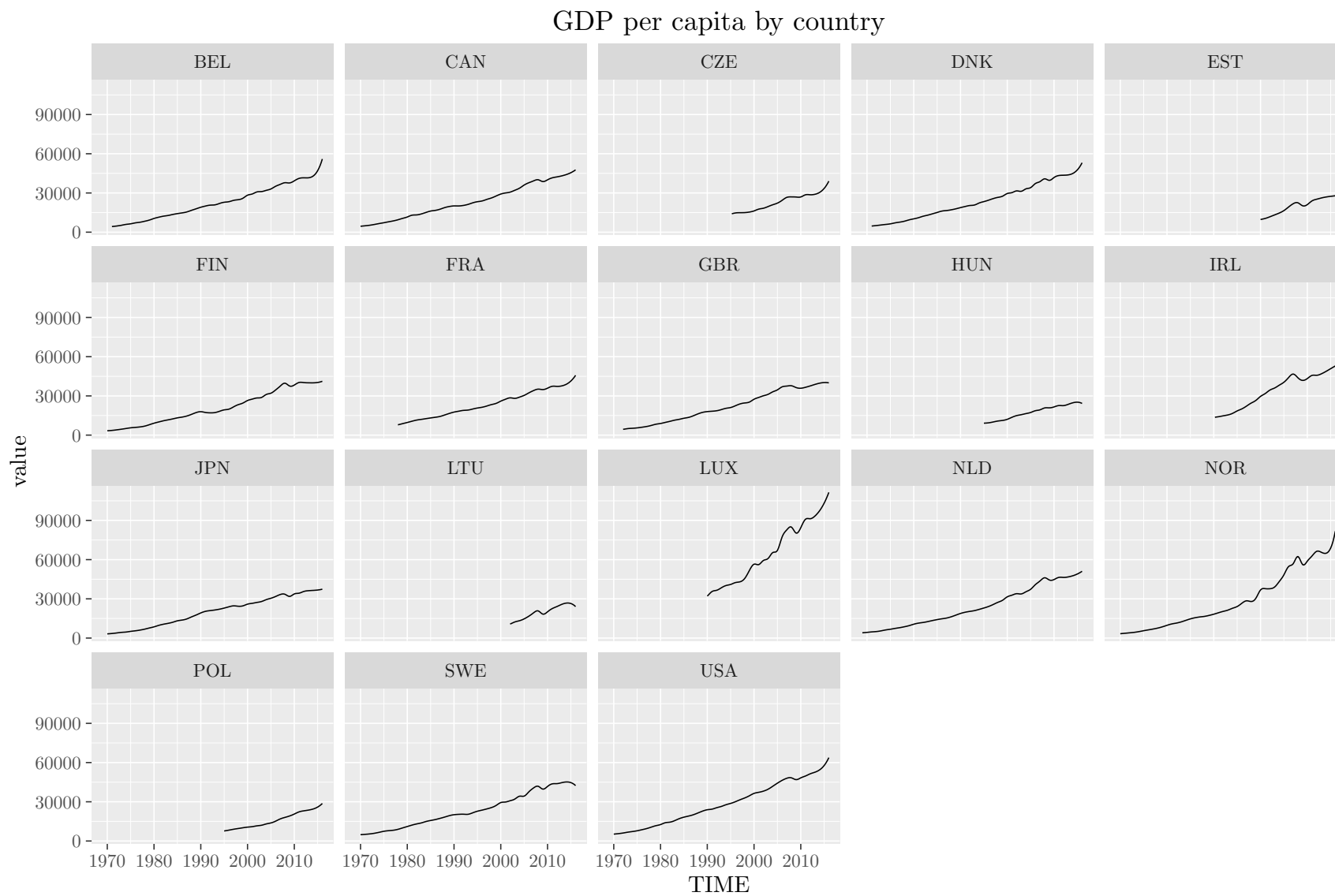


Figure 18: GDP per Capita in USD millions

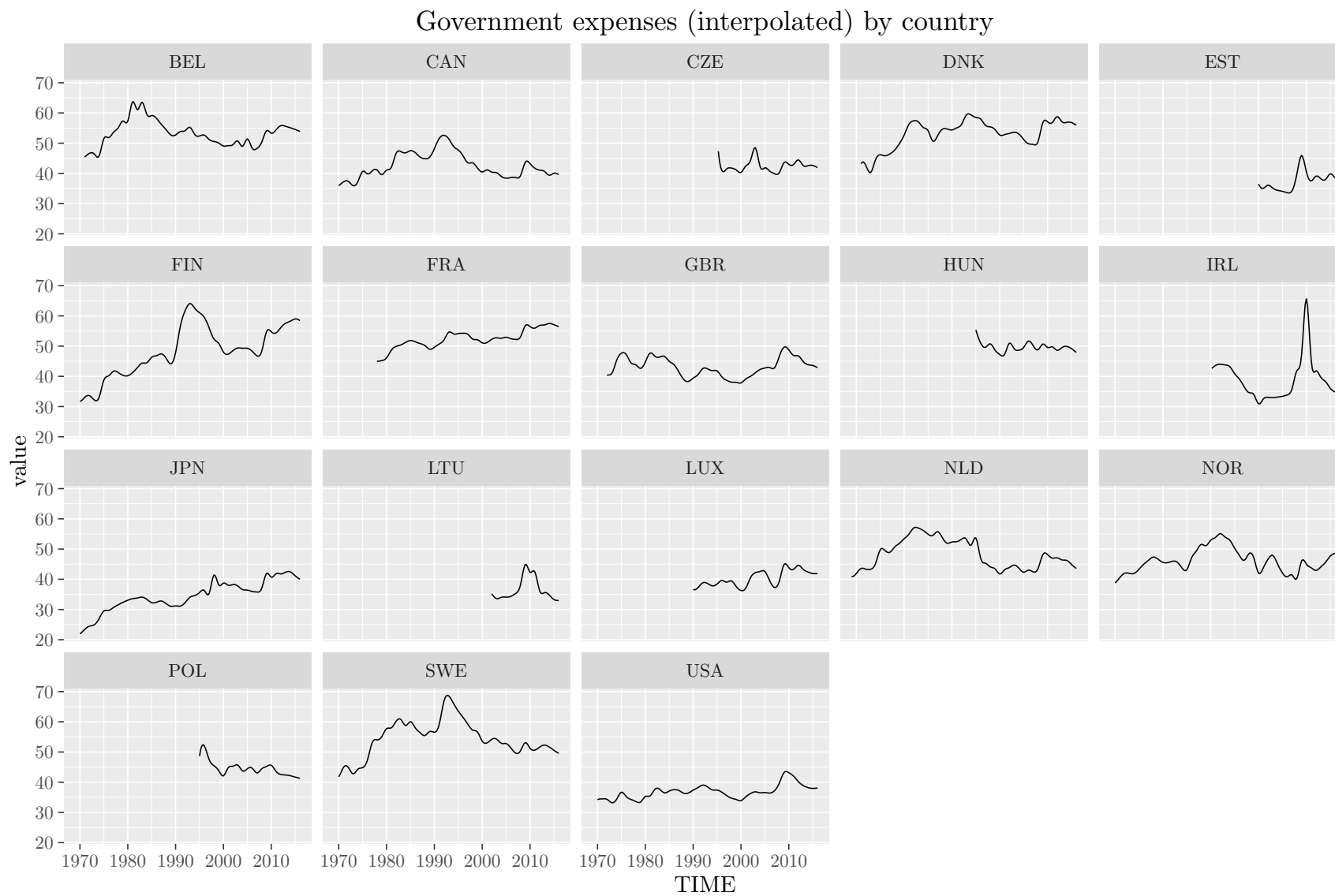


Figure 19: Total government disbursement in percent of GDP