

# Replication of Frederiksen ([2022a](#))

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March, 2023

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## Introduction

This memo begins by replicating the main exhibits in Frederiksen ([2022a](#)) (as well as some of the exhibits in their supplementary materials section<sup>1</sup>) using the R programming language.

## Replication

### Replication of Main Exhibits

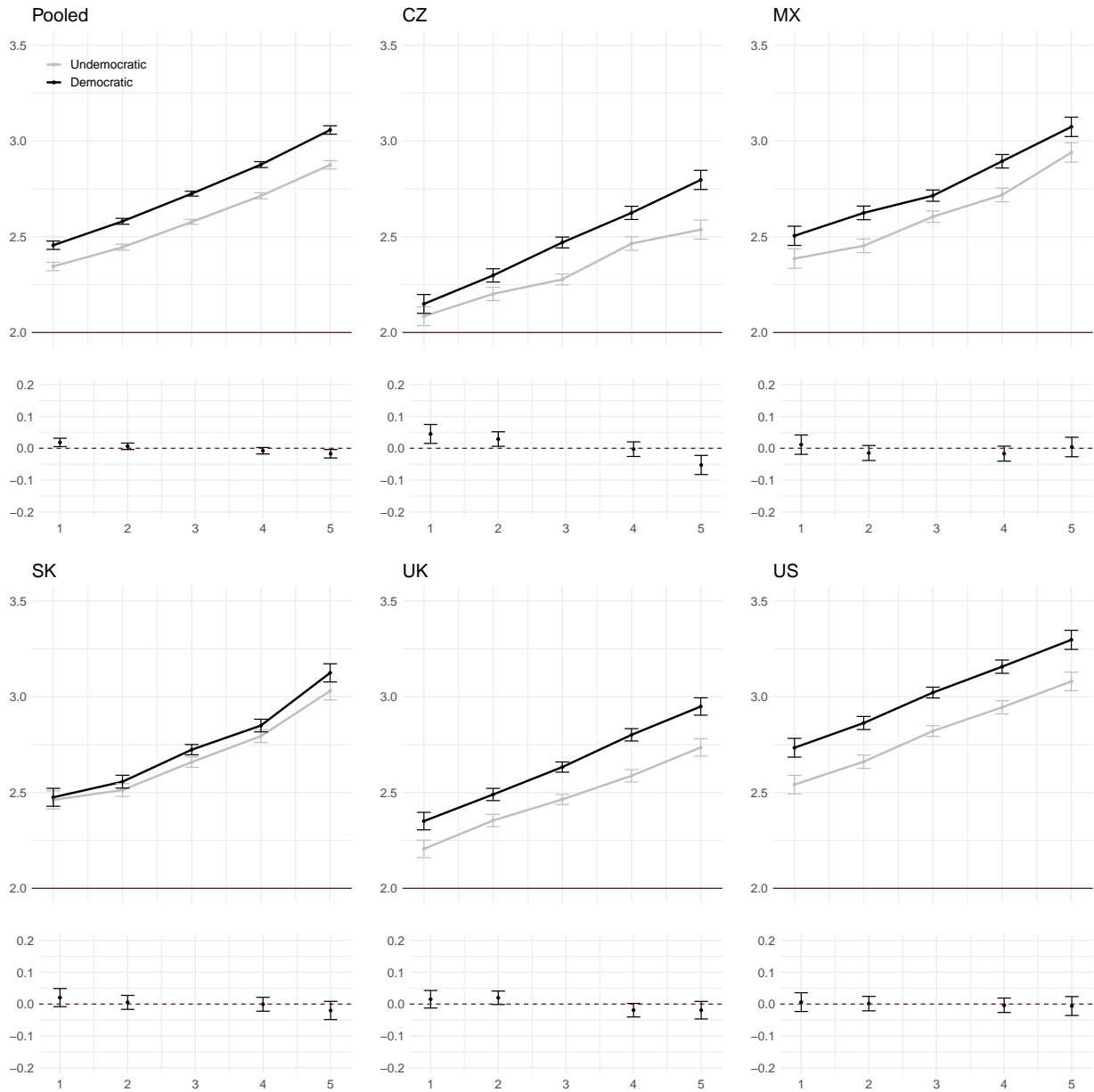
The main paper only contains one exhibit, Figure 1, replicated below. The figure replicates exactly, though it should be noted that the the upper panels of Figure 1 are calculated without reference to a base category, while the lower panels are the marginal means compared to the third category of the independent variable (`cancom`).

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\*Word count: 136

<sup>1</sup>See (Frederiksen [2022b](#); Frederiksen [2022c](#))

Figure 1: Replication of Figure 1



## Replication of Dataverse Appendix A

Both tables in Appendix A replicate exactly in terms of point estimates, statistical significance, and number of observations.

Table 1: Average effects of undemocratic behavior and competence in the Czech Republic, Mexico, South Korea, the United Kingdom, and the United States. Candidate support is the dependent variable in all models.

	Model 1	Model 2	Model 3	Model 4	Model 5
Undemocratic behavior	-0.15*** (0.01)	-0.16*** (0.01)	-0.14*** (0.01)	-0.06*** (0.01)	-0.17*** (0.01)
Very incompetent	-0.25*** (0.01)	-0.26*** (0.02)	-0.21*** (0.02)	-0.22*** (0.02)	-0.27*** (0.02)
Incompetent	-0.14*** (0.01)	-0.12*** (0.02)	-0.12*** (0.02)	-0.16*** (0.02)	-0.13*** (0.02)
Competent	0.14*** (0.01)	0.17*** (0.02)	0.15*** (0.02)	0.13*** (0.02)	0.15*** (0.02)
Very Competent	0.31*** (0.01)	0.29*** (0.02)	0.35*** (0.02)	0.39*** (0.02)	0.29*** (0.02)
Constant	2.72*** (0.01)	2.45*** (0.02)	2.73*** (0.02)	2.72*** (0.02)	2.64*** (0.02)
R <sup>2</sup>	0.02	0.02	0.02	0.02	0.02
Adj. R <sup>2</sup>	0.02	0.02	0.02	0.02	0.02
Num. obs.	267795	47221	55167	50002	55299
RMSE	1.36	1.29	1.43	1.26	1.29
N Clusters	14058	2481	2845	2691	2882

\*\*\* $p < 0.001$ ; \*\* $p < 0.01$ ; \* $p < 0.05$

Table 2: Effects of undemocratic behavior interacted by, candidate competence in the Czech Republic, Mexico, South Korea, the United Kingdom, and the United States. Candidate support is the dependent variable in all models.

	Model 1	Model 2	Model 3	Model 4	Model 5
Undemocratic behavior	−0.15*** (0.01)	−0.19*** (0.02)	−0.11*** (0.02)	−0.06*** (0.02)	−0.17*** (0.02)
Very incompetent	−0.27*** (0.01)	−0.32*** (0.03)	−0.21*** (0.03)	−0.25*** (0.03)	−0.28*** (0.03)
Incompetent	−0.14*** (0.01)	−0.17*** (0.02)	−0.09*** (0.02)	−0.17*** (0.02)	−0.14*** (0.02)
Very competent	0.15*** (0.01)	0.15*** (0.02)	0.18*** (0.02)	0.13*** (0.02)	0.17*** (0.02)
Undemocratic x Very incompetent	0.04* (0.02)	0.13** (0.04)	−0.01 (0.04)	0.05 (0.04)	0.02 (0.04)
Undemocratic x Incompetent	0.01 (0.01)	0.10** (0.03)	−0.06 (0.03)	0.02 (0.03)	0.03 (0.03)
Undemocratic x Competent	−0.02 (0.01)	0.03 (0.03)	−0.07* (0.03)	0.01 (0.03)	−0.04 (0.03)
Undemocratic x Very competent	−0.03 (0.02)	−0.07 (0.04)	−0.02 (0.04)	−0.03 (0.04)	−0.04 (0.04)
R <sup>2</sup>	0.02	0.02	0.02	0.02	0.02
Adj. R <sup>2</sup>	0.02	0.02	0.02	0.02	0.02
Num. obs.	267795	47221	55167	50002	55299
RMSE	1.36	1.29	1.43	1.26	1.29
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\*\*\*  $p < 0.001$ ; \*\*  $p < 0.01$ ; \*  $p < 0.05$

## Replication of Supplementary Materials Appendix A

Table 3: Distribution of attributes: US, UK, and CZ. Age is drawn randomly from probability-specified intervals.

Attribute Category	CZ	UK	US	MX	SK
43-57	0.333	NA	NA	NA	NA
58-67	0.334	NA	NA	NA	NA
68-77	0.334	NA	NA	NA	NA
44-53	NA	0.332	NA	NA	NA
54-57	NA	0.336	NA	NA	NA
58-61	NA	0.332	NA	NA	NA
40-49	NA	NA	0.198	NA	NA
50-59	NA	NA	0.200	NA	NA
60-62	NA	NA	0.199	NA	NA
63-66	NA	NA	0.201	NA	NA
67-75	NA	NA	0.201	NA	NA
Female	0.083	0.286	0.202	0.126	0.055
Male	0.917	0.714	0.798	0.874	0.945
Actor/actress	0.169	NA	NA	NA	NA
Journalist	0.252	0.224	NA	0.032	0.055
Political Career	0.084	0.222	0.101	NA	0.112
Professor	0.496	NA	NA	NA	0.055
Academic	NA	NA	NA	0.031	NA
Accountant	NA	NA	NA	0.124	NA
Business Administration	NA	NA	NA	0.061	NA
Civil Servant	NA	0.111	0.101	0.094	0.056
Engineer	NA	NA	NA	0.127	0.056
Lawyer	NA	0.221	0.301	0.407	0.387
Professional Sports	NA	NA	NA	0.031	NA
Self-employed	NA	NA	0.098	0.093	0.167
Army General	NA	NA	NA	NA	0.056
Company Director	NA	NA	NA	NA	0.055
Banker	NA	0.222	NA	NA	NA
Company Founder/Director	NA	NA	0.399	NA	NA
ANO 2011	0.336	NA	NA	NA	NA
ODS (Občanská demokratická strana)	0.333	NA	NA	NA	NA
ČSSD (Česká strana sociálně demokratická)	0.331	NA	NA	NA	NA
MORENA	NA	NA	NA	0.249	NA
PAN	NA	NA	NA	0.249	NA
PRD	NA	NA	NA	0.251	NA

Table 3: Distribution of attributes: US, UK, and CZ. Age is drawn randomly from probability-specified intervals.  
(continued)

Attribute Category	CZ	UK	US	MX	SK
PRI	NA	NA	NA	0.251	NA
Democratic Party of Korea	NA	NA	NA	NA	0.499
United Future Party	NA	NA	NA	NA	0.501
Conservatives	NA	0.502	NA	NA	NA
Labour	NA	0.498	NA	NA	NA
Democrat	NA	NA	0.501	NA	NA
Republican	NA	NA	0.499	NA	NA
Decrease income tax on 10 percent richest	0.167	0.163	0.166	0.166	0.169
Decrease power of labor unions	0.169	NA	0.169	NA	0.167
Decrease public welfare spending	0.164	0.165	0.166	0.165	0.167
Increase income tax on 10 percent richest	0.163	0.168	0.165	0.169	0.167
Increase power of labor unions	0.168	NA	0.165	NA	0.165
Increase public welfare spending	0.169	0.169	0.168	0.158	0.166
Prevent universal access to public colleges	NA	NA	NA	0.166	NA
Provide universal access to public colleges	NA	NA	NA	0.177	NA
Decrease power of trade unions	NA	0.168	NA	NA	NA
Increase power of trade unions	NA	0.166	NA	NA	NA
Allow illegal immigrants to apply for citizenship	0.166	0.167	0.168	NA	NA
Increase efforts to arrest and eventually deport illegal immigrants	0.167	0.165	0.164	NA	NA
Make it easier for people of the same sex to marry each other	0.166	0.168	0.164	NA	NA
Make it easier for women to get an abortion	0.166	0.166	0.168	NA	NA
Make it harder for people of the same sex to marry each other	0.168	0.166	0.168	NA	NA
Make it harder for women to get an abortion	0.168	0.168	0.168	NA	NA
Legalize same-sex marriage nationally	NA	NA	NA	0.169	0.167
Make abortion law more strict	NA	NA	NA	0.166	0.167
Prohibit same-sex marriage nationally	NA	NA	NA	0.167	0.168

Table 3: Distribution of attributes: US, UK, and CZ. Age is drawn randomly from probability-specified intervals.  
(continued)

Attribute Category	CZ	UK	US	MX	SK
Provide amnesty to low-level drug offenders	NA	NA	NA	0.166	NA
Punish all drug-related crime harsher	NA	NA	NA	0.165	NA
Relax abortion law	NA	NA	NA	0.166	0.168
Decrease funds to the army	NA	NA	NA	NA	0.166
Increase funds to the army	NA	NA	NA	NA	0.165
Said court rulings by judges appointed by opposing parties should be adhered to	0.125	0.127	0.124	0.125	0.126
Said court rulings by judges appointed by opposing parties should be ignored	0.125	0.124	0.125	0.125	0.123
Said it is acceptable to harass journalists that do not reveal sources	0.125	0.123	0.124	0.124	0.124
Said it is legitimate to fight political opponents in the streets if one feels provoked	0.126	0.123	0.127	0.125	0.125
Said it is unacceptable to fight political opponents in the streets even though one feels provoked	0.123	0.126	0.125	0.127	0.127
Said it is unacceptable to harass journalists even though they do not reveal sources	0.125	0.126	0.123	0.123	0.124
Supported a proposal to preserve existing polling-stations in all areas	0.128	0.124	0.125	0.126	0.126
Supported a proposal to reduce polling stations in areas that support opposing parties	0.122	0.127	0.127	0.125	0.125
Bad at handling economic matters	0.336	0.338	0.335	0.334	0.335
Good at handling economic matters	0.330	0.331	0.331	0.333	0.335
Neither good nor bad reputation on economic matters	0.334	0.331	0.334	0.333	0.330
Bad at fighting corruption	0.337	0.331	0.333	0.335	0.334
Good at fighting corruption	0.334	0.336	0.332	0.331	0.333
Neither good nor bad reputation on fighting corruption	0.329	0.333	0.335	0.335	0.333

## Extension

In this section, I extend the analysis presented in Frederiksen ([2022a](#)).

## References

- [1] Kristian Vrede Skaaning Frederiksen. “Does Competence Make Citizens Tolerate Undemocratic Behavior?” In: *American Political Science Review* 116.3 (2022), pp. 1147–1153.
- [2] Kristian Vrede Skaaning Frederiksen. “Does Competence Make Citizens Tolerate Undemocratic Behavior? Dataverse Appendix”. In: *American Political Science Review* 116.3 (2022), pp. 1147–1153.
- [3] Kristian Vrede Skaaning Frederiksen. “Does Competence Make Citizens Tolerate Undemocratic Behavior? Supplementary Materials”. In: *American Political Science Review* 116.3 (2022), pp. 1147–1153.