CODEBOOK
Kroeber_et_al2025_BJPOLS_data.dta

Replication data for
Kroeber, C., Stephan, L., Dingler, S. C., and C. N. Montero Trujillo "Gender bias in legislative oversight: Do parliamentarians control women ministers more tightly than men ministers?", British Journal of Political Science

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Acknowledgments: We are deeply grateful to our student assistants—Dzaneta Kaunaite, Lena Elsa Droese, Cord Masche, Jonas Ruben Lück, and Niklas Otremba, Katharina Isser, Valentina Chesi—for their invaluable research support.

Funding: This research was funded by the Fritz Thyssen Foundation (Aktenzeichen: 10.21.1.006PO).

1. Data Description

The data describes ministerial oversight through written and oral questions in Austria, Belgium, Denmark, Germany, and Spain between 1990 and 2022. We observe all instances in which a woman replaced a man or vice versa, and where both remained in office for more than six months. Each of these replacements forms a panel within our data, with monthly observations. From the 81 instances in which such a replacement took place, 3064 observations of a ministry in a given month emerge.

The data includes four types of information:

- Identifiers: Information that uniquely identifies observations, including country name, IDs for the ministerial replacement and month.
- Ministry: details on the ministerial portfolio in which the replacement took place, such as portfolio name, number of questions posed to the ministry, or reason for replacement (ministry_[xxx])
- Minister: Details on the minister in office in a given month, such as their name, but also information on previous political experience(minister_[xxx])
- Parliament: confounders at the parliamentary level, such as the effective number of parliamentary parties or the share of women in parliament (parliament_[xxx])
- Cabinet: confounders at the cabinet level, such as duration, start and end date, of average ideological left-right placement (cabinet_[xxx])
- Additional variables: details on the time of replacement as well as selected additional information for specific robustness tests

2. Variable Description

Identifiers

Variable name	Description	Coding information
country	Country in which the replacement takes place	
ministry_id	Unique numerical identifier for the ministerial replacement	
year_month	Year and month of the observation	As numerical variable in the format "YYYYMM"
year_month_abs	Year and month of the observation	As a count variable with 1 indicating the first month in the first ministerial replacement to 349 indicating the last month of the last ministerial replacement
year_month_rel	Year and month of the observation	As a count variable with 1 indicating the first month of each ministerial replacement to 61 indicating the last month of a ministerial replacement; with shorter durations ending earlier
year_month_rel_ln	Natural logarithm of year_month_rel	

Ministry variables

Variable name	Description	Coding information
ministry_portfolio_original	Ministerial portfolio as labeled in the original source	
ministry_portfolio_detailed	Translated name of the ministerial portfolio	
ministry_portfolio	Translated and synthesized name of the ministerial portfolio	
ministry_genderportfolio	Coding of gendered nature of portfolio	0 = feminine 1 = neutral 2= masculine

ministry_prestigeportfolio	Coding of level of prestige of portfolio	0 = low 1 = medium 2 = high
ministry_highprestigeportfolio	Dummy variable indicating highly prestigious portfolios	0 = not highly prestigious 1 = highly prestigious
ministry_highpolicyportfolio	Dummy variable indicating portfolios with high legislative activity	0 = no high activity 1 = high activity
ministry_questions_all	Absolute number of written and oral questions posed to the ministry in a given month	
ministry_questions_written	Absolute number of written questions posed to the ministry in a given month	
ministry_questions_oral	Absolute number of oral questions posed to the ministry in a given month	
ministry_questions_leftmps	Absolute number of written and oral questions posed to the ministry in a given month by MPs belonging to left-wing parties	
ministry_questions_womenmps	Absolute number of written and oral questions posed to the ministry in a given month by women MPs	
ministry_questions_menmps	Absolute number of written and oral questions posed to the ministry in a given month by men MPs	
ministry_questions_menoppmps	Absolute number of written and oral questions posed to the ministry in a given month by men MPs belonging to opposition parties	
ministry_questions_mencompmps	Absolute number of written and oral questions posed to the ministry in a given month by men MPs belonging to parties of the other side of the ideological spectrum as the minister's party.	
ministry_replacement	Dummy variable indicating whether the	0 = no 1 = yes

	replacement minister is in office	
ministry_reasonreplacement	Reason for replacement, categorical coding	

Minister variables

Variable name	Description	Coding information
minister_name	Name of the minister in office in a given month	
minister_gender	Gender of the minister in office in a given month	1 = man 2 = woman
minister_party	Party to which the minister in office belongs	
minister_partyleft	Dummy variable indicating whether the minister in office belong to a left-wing party	0 = no 1 = yes
minister_yearofbirth	Year of birth of the minister in office	
minister_outsider	Dummy variable indicating whether the minister in office is a political outsider	0 = no 1 = yes
minister_technocrat	Dummy variable indicating whether the minister in office is a technocrat	0 = no 1 = yes
minister_mpduration	Time the minister in office served as MP, only before taking over the current ministerial post	in years
minister_ministerduration	Time the minister in office served as federal-level minister, only before taking over the current ministerial post	in years
minister_ministerpfduration	Time the minister in office served as federal-level minister in the portfolio of the replacement, only before the beginning of the current cabinet	in days
minister_mpduration_c	minister_mpduration, mean centered	
minister_ministerduration_c	minister_ministerduration, mean centered	
minister_ministerpfduration_c	minister_ministerpfduration, mean centered	

Parliament variables

Variable name	Description	Coding information
parliament_previouselection	Date of last parliamentary election	"YYYY-MM-DD"
parliament_nextelection	Date of subsequent parliamentary election	STATA date variable
parliament_size	Number of legislative seats	
parliament_governmentsize	Size of the governing majority	
parliament_enp	Effective number of parliamentary parties	
parliament_womenproportion	Share of women in parliament	

Cabinet variables

Variable name	Description	Coding information
cabinet	Name of cabinet	"Surname of Prime Minister No. X"
cabinet_startdate	Date the cabinet started	"YYYY-MM-DD"
cabinet_enddate	Date the cabinet ended	STATA date format
cabinet_enddateinterim	Date the cabinet ended, including periods as interim cabinet	"MM/DD/YYYY"
cabinet_duration	Duration between start and end date of cabinet	In days
cabinet_left_right	Left-right average position of cabinet parties, weighted by legislative strength	

Additional variables

Variable name	Description	Coding information
Decade	Decade the first minister in the replacement entered office	1990, 2000, 2010 (with those entering after 2020 coded as 2010)
Women_minister_technocracy	Panel-level information on whether the woman minister involved in the replacement was a technocrat	