

The IMK is an institute of the Hans-Böckler-Stiftung

# **WORKING PAPER**

No. 227 • September 2025 • Hans-Böckler-Stiftung

# PASSING THE PARTISAN FILTER: POLITICAL NARRATIVES, PARTISAN BIAS AND OPINIONS ON PUBLIC FINANCES

Ekaterina Juergens<sup>1</sup>, Sebastian Gechert<sup>2</sup>

### **ABSTRACT**

This paper investigates whether political partisanship and political narratives affect voters' opinions about public finances. In a novel survey experiment, we test the causal effect of pro-consolidation and pro-public investment narratives used in German general election campaigns on participants' opinions on public debt and how to deal with budget deficits. We do not find a relevant average treatment effect of these narratives. However, they partly interact with political party preferences, which are a dominant covariate for opinions on public finances. We interpret our findings as a conjunction of narrative economics theory and the partisan bias literature, by which only emotionally charged narratives pass the partisan filter.

University of Bamberg and Macroeconomic Policy Institute (IMK), Dusseldorf, Germany. Corresponding author, e-mail address: ekaterina-juergens@boeckler.de

<sup>&</sup>lt;sup>2</sup> Chemnitz University of Technology, Germany.

Passing the partisan filter:

Political narratives, partisan bias and opinions on public finances

Ekaterina Juergens<sup>1</sup> and Sebastian Gechert<sup>2</sup>

<sup>1</sup>University of Bamberg and Macroeconomic Policy Institute (IMK), Dusseldorf,

Germany. Corresponding author, e-mail address: ekaterina-juergens@boeckler.de

<sup>2</sup>Chemnitz University of Technology, Germany, and FMM.

December 28, 2024

Abstract

This paper investigates whether political partisanship and political narratives affect voters' opinions about public finances. In a novel survey experiment, we test the causal effect of pro-consolidation and pro-public investment narratives used in German general election campaigns on participants' opinions on public debt and how to deal with budget deficits. We do not find a relevant average treatment effect of these narratives. However, they partly interact with political party preferences, which are a dominant covariate for opinions on public finances. We interpret our findings as a conjunction of narrative economics theory and the partisan bias literature, by which only emotionally charged narratives pass the partisan filter.

JEL Codes: D8, H5, H6

### 1 Introduction

Intergenerational fairness and sustainability of public finances pose a trade-off between fiscal consolidation and public investment. This paper investigates how voters form their opinions about public finances. We use recent data from a representative survey among the German populace to study the opinions of German residents on public spending, deficit and debt. In particular, we test whether influential political narratives affect the general public's preferences on government debt and deficit and attempt to understand the mechanism of their impact on individuals' views.

According to Shiller's "narrative economics" theory, societal narratives exhibit significant influence on economic behavior (Shiller, 2017). Preferences and decisions of individuals could be influenced by the stories they hear and believe, even if those are over-simplified or even misleading. The theory provides a possible explanation for an observed behavior, such as policy support or opposition, which may seem less than rational from an economic vantage point. We hypothesize that political narratives on public debt and public investment influence opinions of laypeople. We investigate their impact in the context of the so-called partisan bias in opinion formation, which refers to the empirically observed differences in how individuals evaluate facts and form opinions, depending on their political preferences.

Along these lines, we conduct a survey experiment to test whether fiscal policy preferences of German residents react to political narratives. We confront randomly selected subsamples of our respondents with one of the election program statements, taken from the 2021 election campaigns of a major fiscally conservative party (the Christian Democrats, CDU) and from a major fiscally liberal party (the German Green party, B90/Greens). The conservative statement stresses that fiscal consolidation promotes intergenerational fairness, while the liberal statement emphasizes the need for additional deficit-financed public investment in Germany. We use the verbatim statements from the party manifestos though without a reference to the party to avoid mental activation effects, i.e. activation of cognitive pathways associated with the party. We then estimate the narrative treatment effect on respondents' concerns about public debt in Germany. More precisely, survey participants were asked whether they agreed that the level of public debt in Germany was a major problem (on a linear scale of 1=fully disagree to 5=fully agree). Additionally, we test the treatment effect on their preferences of how best to handle a public budget deficit. Furthermore, we investigate interactions between treatments and political party preferences.

Concerning socio-demographic characteristics, the data confirm a number of expectable patterns and correlations. Most respondents consider the level of public debt in Germany to be a severe problem; more educated and more financially literate survey participants find public debt less of a problem; people with children and older participants are more concerned of public debt; a lower trust in government as well as concerns about the general economic situation also positively correlate with considering the level of public debt in Germany as a major problem; a preference for parties on the left of the political spectrum comes with less agreement that the level of public debt in Germany is a major problem in comparison to centrist voters, while the opposite is true for right-wing voters, who are more likely to consider public debt in Germany to be a severe problem. In addition, party preferences strongly correlate with respondents'

opinions about public deficit. Predictably, voters on the left prefer a tax increase or borrowing to cutting expenditure. Supporters of the far-right party favor spending cuts, but not tax increases. Those, who declared a party preference, were generally less likely to not know how to deal with the public deficit.

Our narrative treatment experiment sheds some light on the opinion formation and the stability of preferences of the survey participants. We do not find a pronounced and uniform impact of the narratives on the respondents' opinions. However, we identify an asymmetry in the treatment effects interacted with respondents' party preferences. The pro-consolidation narrative affects left-leaning voters to increase the likelihood that they consider public debt to be a severe problem. This interaction brings the assessment of public debt of left-leaning voters in the same range as centrist or non-partisan voters, while the conservative position of right-wing voters is even reinforced. The pro-investment narrative does not have a statistically significant interaction effect with party preferences.

To put our findings in the context of the existing research, our paper partly confirms and partly challenges findings from the literature on preferences for public finance. Previous surveys on fiscal policy preferences in Germany find that the majority of respondents supports fiscal consolidation and the German debt brake, especially if they were older, wealthier, male, educated, and employed (Heinemann & Hennighausen, 2012; Hayo & Neumeier, 2019). Similarly, the majority of our survey participants agreed with the statement that the level of public debt in Germany is a major problem; however, male and more educated respondents were *less likely* to find sovereign debt problematic. A companion paper by Behringer, Dräger, Dullien, and Gechert (2024), based on the same survey, further investigates the effects of education and information treatments about public finances, showing that more accurate prior knowledge or additional information helps people contextualize public finance figures.

Surveys often reveal that laypersons' knowledge of economic issues like inflation, tax policy and public finances is fragmented (D'Acunto, Malmendier, Weber, & Weber, 2022; Stantcheva, 2021; Roth, Settele, & Wohlfart, 2022). Male, older, more educated respondents show better knowledge on average, while supporters of the welfare state are more likely to demonstrate greater levels of knowledge about public policy (Eichhorn, Kenealy, & Bennett, 2024). Additionally, reasoning about fiscal matters is prone to the "more for less paradox" (Welch, 1985) where respondents desire more spending together with lower taxes and lower deficits. Bremer and Bürgisser (2023) show that exposing respondents to clear tradeoffs between deficit reduction, tax cuts and spending increases, reduces preferences for debt repayment. They find that expenditure-based and even more so revenue-based consolidation are unpopular. Also, Hübscher, Sattler, and Wagner (2021) find that voters generally dislike austerity policy. Other studies confirm low willingness to accept higher tax contributions for debt reduction, although richer respondents claim to be more open to it (Berger, Blesse, Heinemann, & Janeba, 2017; Hayo & Neumeier, 2017). Beliefs about the fiscal policy situation play an important role in shaping opinions (Havo & Neumeier, 2017), as does respondents' knowledge about debt levels and their perception of being personally affected (Zabler, 2017). Crucially, the receipt of contextualizing information as well as framing play an important role in opinion formation (Behringer et al., 2024; Roth et al., 2022; Stix, 2013).

Empirical evidence also demonstrates a partisan bias on economic policy questions. People gather information about the world through the lens of their political opinions (Campbell, Converse, Miller, & Stokes, 1960; Jerit & Barabas, 2012). Early evidence shows significantly diverging perceptions of objective economic facts about inflation, unemployment, and the size of the deficit, between liberals and conservatives in the US (Bartels, 2002). Likewise, residents of republican and democratic states have different inflation expectations depending on the party affiliation of the current president (Bachmann, Gründler, Potrafke, & Seiberlich, 2021). Political affiliation also influences inflation expectation formation in Australia (Gillitzer, Prasad, & Robinson, 2021) and Germany (Coleman & Nautz, 2022). According to Gerber and Huber (2009), consumers' economic expectations, influenced by their political leaning and election outcomes, translate into real changes in consumer behavior.

How does partisan bias relate to moral factors, information and narratives? According to Goren (2005), party identification is more stable than political and moral values of respondents, influencing policy preferences. Experimental data show that a treatment-induced increase in self-identification with one of the parties makes subjects shift their political views (Gerber, Huber, & Washington, 2010). Likewise, Dias and Lelkes (2022) argue that partisanship as a social identity, rather than actual (dis)agreements on policy questions, drives the polarization between conservatives and liberals in the US, which points in the direction of party preference being predominant to the views on economic policy. Bullock and Lenz (2019) suggest that differences in survey responses of voter groups might indicate support for the respective party instead of actual differences in opinions. Financial incentives for correct answers and including the option "don't know" can reduce partisan bias (Bullock, Gerber, Hill, & Huber, 2015).

Flynn, Nyhan, and Reifler (2017) reviews research on psychological aspects of partisan bias and misperceptions about political topics, suggesting that expert opinions and media narratives play a key role in promoting false political beliefs. Bursztyn, Rao, Roth, and Yanagizawa-Drott (2023) indeed document differences in the adoption of preventive behaviors between viewers of TV-shows broadcasting significantly diverging narratives about the COVID-19 crisis. In the context of fiscal policy, Barnes and Hicks (2018) demonstrate that laypeople's attitudes towards government deficits were correlated with their favorite newspaper's framing. In their survey experiment they show that a positive media narrative about government borrowing makes people less concerned about the size of government deficits in the UK, while a narrative framing public borrowing as problematic shows no effect.

Conservatives and liberals not only hold different views of the inheritance tax in the US, but they also react differently to factual information about it (Sides, 2016). Stantcheva (2021) argues that differences in tax policy preferences can be explained by divergent social values and views of the government between Democrats and Republicans. Besides, she identifies a minor partisan bias in reactions to information treatments. Glaser and Berry (2018) find asymmetry in willingness to compromise over policy between republicans and democrats, which they explain with the help of prospect theory. Since conservatives defend the status quo, they are more rigid about their position, than the progressives, who are pushing for change and, thus, are more open to a compromise.

Sears and Funk (1999) show that individual political preferences are remarkably consistent, and only few people experience a shift in their views over their lifetime. Also, Kiley and Vaisey (2020) demonstrate that empirical data on cultural beliefs are generally more consistent with stable attitudes than active updating models. However, while political party affiliation is strikingly stable, preferences for public spending and other concrete policy issues could be subject to updating.

In summary, the literature presents a complex picture on the determinants of laypeople's preferences towards fiscal consolidation and debt. Survey respondents seemingly have stable attitudes correlated with partisanship, but opinions can partly be influenced by media narratives, framing and information provision. Our findings align with the partisan bias literature, as we observe substantial differences in public debt preferences in line with partisanship, remaining largely unaltered by narrative treatments. In line with the literature, the pro-consolidation narrative slightly reduces the preference of respondents to incur new debt and the pro-investment narrative reduces the preference to cut spending, but the coefficients are small and statistical significance is low. Again, there is a much stronger correlation with party preferences in the expected direction that left-leaning voters favor tax hikes and deficit financing over spending cuts while the opposite is true for right-wing voters.

However, the pro-consolidation narrative has an asymmetrical effect on the concerns regarding public debt, depending on political beliefs of survey participants. We hypothesize that the pro-consolidation narrative might have crossed ideological boundaries and particularly affected left-leaning voters because of its moral framing. Self-identification with a particular political party could serve as an anchor or a "filter" to accepted narratives. The pro-consolidation narrative may have passed the partisan filter because it taps into deep ethical values when framed as "intergenerational justice". Left-leaning voters, who otherwise support additional deficit spending, may feel compelled by the moral framing to reevaluate their stance. In sum, our findings nuance the narrative economics theory and provide new evidence for the literature on partisan bias as well as insights for effective communication strategies regarding public finance policy, especially in times of political polarization.

The remainder of this paper is organized as follows. The next section explains our data and the survey experiment. Section 3 presents and discusses the results. Section 4 concludes.

## 2 Data and survey experiment

The data come from a German representative computer-assisted online survey of people aged 18 to 75 administered in the weeks after the general election in Germany in September 2021. Participants were recruited to represent the German working age population according to age, gender, federal state and household income. A total of 8,483 people were asked a series of questions on their demographics, education, knowledge and attitudes, as well as their views on public finances. Their preferences on public debt and deficit were surveyed simultaneously with attitudes to public investment to avoid the "more for less paradox."

Figure 1 shows the flowchart of the survey and the experiment. In the preamble, we query respondents regarding their socio-demographic characteristics. In the main part of the survey, we ask respondents to reveal their opinions on public spending, debt and deficit. In particular, they were asked whether they agreed that the level of public debt in Germany was a major problem (on a linear scale of 1=fully disagree to 5=fully agree) and how should the government deal with public deficit (they could choose one option among "cut spending", "increase tax", "take on debt", "I don't know"). As explained below, some of the survey participants were exposed to political narratives treatments within our survey experiment at this stage. Finally, we collect further information about our respondents, such as level of education and whether they have children, but also regarding their political party preferences, trust in government (on a scale from 1 to 7), financial literacy score (on a scale from 0 to 3), and concerns about the general economic situation (on a scale from 1 to 3). We collect the data on the time needed to complete the survey and remove those who spent less than half of the median time to account for "speeder" issues common in survey research (Greszki, Meyer, & Schoen, 2014).

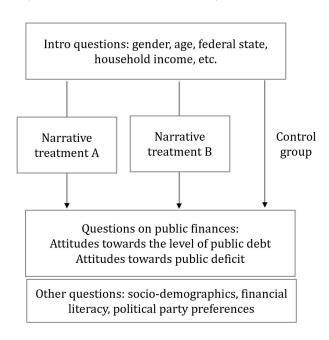


Figure 1: Flowchart of the survey and the experiment

For the regression analysis, we use a subsample of the data that includes a control group (not exposed to any treatments) and the two groups, selected for our experiment. The control group comprises a total of 2034 respondents, and each treatment group includes 659 participants. The rest of the survey participants (exposed to other information treatments not included in this study) have been removed from our sample. Table 1 shows the main socio-demographic characteristics of our final sample of 3352 respondents. The average age in our sample is 47.6 years. Almost 51 percent of participants are male. An average participant had graduated from a secondary school. About 26 percent of the surveyed individuals indicate that they have children. The political party preferences are plausibly split between the largest

German political parties, whereas about 46 percent of the respondents do not declare their support for any of the main parties.

Table 2 shows the comparison of the distribution of party preferences in our sample to the overall population which is measured by the so-called "Sonntagsfrage" ("Which party would you vote for if there was a general election next Sunday"?) which is a regular representative survey of the current political preferences in Germany (Infratest dimap, 2021). The party preferences among the participants of our survey are roughly in line with the German population at around the time of our survey.

Since the experiment treatments were assigned randomly, the descriptive statistics of the control and the treatment groups are nearly identical. Table A1 and Table A2 in Appendix A entail balance tests showing that the treated groups are not different to the control group in observed characteristics, with only a minor deviation in the share of respondents without finished school, the voters for the Left party (treatment A) and AfD supporters (treatment B), which might be explained by the small subsamples.

Table 1: Descriptive statistics of the survey respondents

Variable	Description	N	Mean	Min	Max
Age	Age in years	3352	47.61486	18	79
$Gender\ (Male)$	1 if male	3352	.5068616	0	1
Education	Education in levels	3306	2.329099	0	3
	0=No school (yet)	3306	.0275257	0	1
	1=Lower secondary school	3306	.1194797	0	1
	2=Secondary school	3306	.3493648	0	1
	3=Upper secondary school	3306	.5036298	0	1
Children	1 if having children	3219	.2618826	0	1
Party	Self-declared political preference	3352	2.796539	1	7
	1=None/Other	3352	.4630072	0	1
	2=Left party	3352	.0462411	0	1
	3=Social Democrats (SPD)	3352	.1434964	0	1
	4=Green Party	3352	.099642	0	1
	5= Conservative party (CDU/CSU)	3352	.1261933	0	1
	6=Liberal party (FDP)	3352	.0689141	0	1
	7=Far-right party (AfD)	3352	.052506	0	1
Control group	Not exposed to any treatment	2034			
$Treatment\ A$	1 if exposed to Treatment A	659			
Treatment B	1 if exposed to Treatment B	659			

At the stage of the experiment, we randomly confronted two subgroups of respondents with political narratives regarding public investment and debt. The treatments were given as an introduction to the question regarding respondents' attitude towards public debt. One treatment group saw a statement from the election program of a fiscally conservative party (Christian Democrats, CDU), the other a statement from the fiscally liberal green party (B90/Greens). The conservative statement stresses that fiscal consolidation promotes intergenerational fairness (Treatment A), while the liberal statement emphasizes the

Table 2: Comparison of the distribution of political preferences in the sample to the overall population

Party	Sample*	Population**
Left	7.47	6
Social Democrats (SPD)	23.18	25
Green	16.10	16
Conservative (CDU/CSU)	20.38	20
Liberal (FDP)	11.13	13
Far-right (AfD)	8.48	12
Other	13.26	8

\*Refers to the distribution of preferences in the control group and both treatment groups together, among respondents who indicated a party preference. \*\*Refers to the distribution of answers in the representative survey on September 2, 2021 (Infratest dimap, 2021)

need for additional deficit-financed public investment in Germany (Treatment B). Note that we did not mention the origin of the statements in order to avoid mental activation effects regarding the respective political party. The exact wording of the treatments is presented below:

### Treatment A:

After the general election, the new government must decide on fiscal policy priorities for the coming years.

Politicians' opinions often differ on whether the state should take on debt for public investment. Some want to get by without new debt as quickly as possible. They argue that this is intergenerational justice in practice.

### Treatment B:

After the general election, the new government must decide on fiscal policy priorities for the coming years.

Politicians' opinions often differ on whether the state should take on debt for public investment. Some want to allow limited borrowing in the amount of investments. They argue that the investment backlog in our country needs to be addressed and that climate protection, digitization and education need to be significantly strengthened.

We hypothesize that the pro-consolidation narrative should lead treated respondents to consider public debt to be a more severe problem and to reduce the willingness to finance a budget deficit with new debt. Regarding the pro-investment narrative, we would expect treated respondents to consider public debt to be a smaller problem and to increase the support for public spending financed by additional borrowing.

### 3 Baseline results

Our dependent variable is the agreement with the claim: "The level of public debt in Germany is a major problem" on a linear scale from 1 ("Strongly disagree") to 5 ("Strongly agree"). Figure 2 shows the distribution of the values of the dependent variable for the control group. The distribution exhibits a bell curve shape with a mean of about 3.7. Most survey participants expressed that they strongly agree or somewhat agree with the statement.

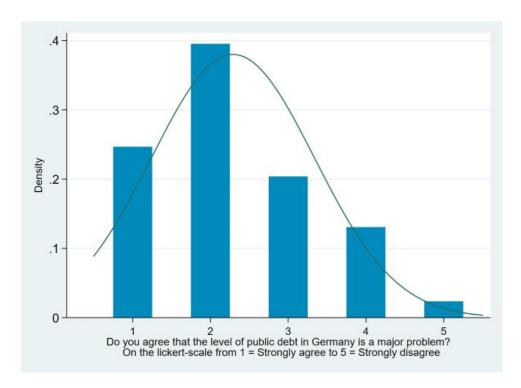


Figure 2: Distribution of attitudes towards public debt

How do the treatments affect respondents' assessment of public debt and how do respondents' characteristics relate to assessment? Table 3 presents the results of Ordinary Least Squares (OLS) regressions of the variable of interest on the treatments and the control variables, with the following linear regression model:<sup>1</sup>

$$OpinionDebt_i = \beta_0 + \beta_1 NarrativeTreatment + \beta^k X_i^k + \epsilon_i.$$
 (1)

Coefficients with a positive sign represent a ceteris paribus stronger agreement with the statement, that public debt is a major problem, and vice versa. Columns (1) and (2) show the treatment effect of the pro-consolidation narrative (Narrative A) on the opinions about public debt, against the control group, whereas columns (3) and (4) display the results for the pro-investment treatment (Narrative B), again in comparison to the control group with and without control variables respectively. As control variables, we use age, gender, level of education, a dummy for having children, a standard financial literacy test score<sup>2</sup> between 0 (all answers incorrect) and 3 (all answers correct), as well as trust in government (on a scale between 1-"no trust at all" and 7-"very high trust") and concern about the general economic situation (1-"not concerned at all", 2-"somewhat concerned", 3-"very concerned").

The results of the OLS regressions show that both narrative treatments do not have a statistically

$$Pr(OpinionDebt_{i}=j) = Pr(\alpha_{j-1} < OpinionDebt_{i}^{*} < \alpha_{j}) = F(\alpha_{j} - x_{i}^{'}\beta) - F(\alpha_{j-1} - x_{i}^{'}\beta),$$

where F is the logistic cdf  $F = e^z/(1+e^z)$ .

<sup>&</sup>lt;sup>1</sup>As a robustness check, we also estimate an ordered logistic regression model, where the probability of a particular outcome for the dependent variable is specified as:

<sup>&</sup>lt;sup>2</sup>We use three standard test questions on interest rate compounding, real interest rates and portfolio diversification (Lusardi & Mitchell, 2014) and sum up correct (+1) and incorrect (0) answers.

Table 3: Effect of treatments on opinions on public debt

	Narrative A	: Consolidation	Narrati	ve B: Investment
	(1)	(2)	(3)	(4)
Narrative A	0.015	0.032		
	(0.047)	(0.046)		
Narrative B			0.005	0.017
			(0.047)	(0.046)
Age		0.004***		0.004**
		(0.001)		(0.001)
Gender (male)		-0.062		-0.012
		(0.041)		(.041)
Children		0.108**		0.133**
		(0.048)		(0.047)
Education		-0.107***		-0.107***
		(0.026)		(0.026)
Financial literacy		-0.070**		-0.079***
		(0.023)		(0.023)
Trust in government		-0.088***		-0.070***
		(0.012)		(0.012)
Concern economy		0.365***		0.394***
		(0.032)		(0.032)
Constant	3.707***	3.446***	3.707***	3.325***
	(0.023)	(0.138)	(0.023)	(0.135)
Observations	2,693	2,549	2,693	2,556
R-squared	0.000	0.112	0.000	0.112

Notes: The Table presents results of OLS regressions. Dependent variable refers to respondents' agreement that 'the level of public debt in Germany is a major problem' (on a linear scale of 1=fully disagree to 5=fully agree). Explanatory variables: Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

significant effect on the dependent variable (column 1 and 3). Thus, we cannot reject the null hypothesis that such political statements do not on average affect the public opinion on sovereign debt. Adding the controls to the regressions does not change this result (column 2 and 4). The control variables mostly exhibit expected coefficients. On average, older participants and those with children agreed with the statement, that public debt is a major problem, more often. More educated persons and those with a higher financial literacy score were less likely to consider public debt a problem. Likewise, a higher trust in government is associated with lower concerns about public debt, while larger concerns about the general economic situation are correlated with stronger concerns about public debt.

Since political narratives did not show any statistically significant effect on their own, we dive deeper into investigating how political preferences shape the opinions on sovereign debt. Table 4 presents the results of OLS regressions of concern about public debt on the dummies for political preferences (left, centrist, or right-leaning) in addition to the previous set of regressors. We code the dummy for Left as supporters of the Left and the Green party, Centrist as preferring the Social Democrats, the Christian

Democrats, or the Free Liberals, and *Right* as the followers of the far-right party AfD.

Table 4: Effect of treatments on preferences for public debt, depending on political views

e 4. Effect of treatm	Narrative A: Consolidation		, 1	Narrative B: Investment		
	(1)	(2)	(3)	(4)		
Narrative A	0.028	-0.029	, ,	· · ·		
	(0.045)	(0.068)				
Narrative B	, ,	, ,	0.011	-0.034		
			(0.045)	(0.068)		
Left	-0.290***	-0.358***	-0.370***	-0.367***		
	(0.060)	(0.068)	(0.059)	(0.068)		
Centrist	0.014	0.012	0.019	-0.009		
	(0.046)	(0.053)	(0.046)	(0.053)		
Right	0.239**	0.192*	0.243***	0.213**		
	(0.093)	(0.107)	(0.090)	(0.107)		
Left*Narrative A		0.291**				
		(0.137)				
Centrist*Narrative A		0.013				
		(0.102)				
Right*Narrative A		0.192				
		(0.212)				
Left*Narrative B				-0.011		
				(0.134)		
Centrist*Narrative B				0.115		
				(0.103)		
Right*Narrative B				0.111		
				(0.192)		
Age	0.004***	0.004***	0.004***	0.004***		
	(0.001)	(0.001)	(0.001)	(0.001)		
Gender (male)	-0.079*	-0.081**	-0.034	-0.033		
	(0.041)	(0.041)	(0.040)	(0.040)		
Children	0.088*	0.089*	0.110**	0.109**		
	(0.048)	(0.048)	(0.047)	(0.047)		
Education	-0.096***	-0.096***	-0.091***	-0.091***		
	(0.026)	(0.026)	(0.026)	(0.026)		
Financial literacy	-0.060***	-0.059***	-0.069***	-0.069***		
	(0.023)	(0.023)	(0.023)	(0.023)		
Trust in government	-0.076***	-0.077***	-0.057***	-0.057***		
	(0.013)	(0.013)	(0.013)	(0.013)		
Concern economy	0.358***	0.356***	0.381***	0.380***		
	(0.032)	(0.032)	(0.032)	(0.032)		
Constant	3.429***	3.446***	3.309***	3.326***		
	(0.138)	(0.138)	(0.134)	(0.135)		
Observations	2,549	2,549	2,556	2,556		
R-squared	0.125	0.126	0.132	0.133		

Notes: Table presents results of OLS regressions. Dependent variable refers to respondents' agreement that 'the level of public debt in Germany is a major problem' (on a linear scale of 1=fully disagree to 5=fully agree). Explanatory variables: Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Narrative B is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Standard errors in parentheses. \*\*\*\* p<0.01, \*\*\* p<0.05, \* p<0.1.

Indeed, political party preferences seem to be strongly aligned with the attitudes of the respondents towards public debt (columns 1 and 3). Those preferring a party on the left of the political spectrum (the Left or Green Party), are generally much less concerned with public debt. Respondents, who identified as far-right voters (AfD), report a ceteris paribus higher concern with public debt. Survey participants, who sympathize more with the parties of the political center (SPD, CDU/CSU, FDP), do not express any significantly different views on public debt than the participants without a specific party preference.

Interestingly, as shown in column 2, the pro-consolidation treatment (Narrative A) has a statistically significant and strong effect on left-wing voters. Their comparatively low concern with public debt drastically increases after being confronted with the statement from the CDU program, with the treatment almost neutralizing the gap between left and centrist voters. The concerns of right-wing voters about public debt are even slightly reinforced even though the effect is statistically insignificant. However, the pro-investment treatment does not have any mirroring effect (column 4): left voters do not respond to this narrative at all, while centrist and right-wing voters have even slightly increased concerns with public debt (not statistically significant). Thus, the influence of political narratives on the general public seems to exhibit an interesting asymmetry: whereas the pro-consolidation narrative can alter the sovereign debt preferences of the left-wing voters, the pro-public investment statement does not seem to persuade the centrists or the far-right.

Although the dependent variable exhibits a bell-curved distribution, it is an ordinal variable. For this reason, we also run an ordered logit regressions with the same sets of regressors to confirm that the OLS estimator does not distort the findings. Table B1 and B2 in Appendix B correspond to Table 3 and 4. All the coefficients exhibit the same sign and roughly the same level of statistical significance (albeit the interpretation differs), supporting the main results.

We perform a further robustness check, i.e., we reduce the sample to the respondents who named their party preference. Table B3 in Appendix B, corresponding to Table 4, presents the results of the regressions. Now, we compare answers of the left-leaning and right-wing survey participants to responses of the centrists. This exercise confirms the main results: again, ceteris paribus, respondents on the left tend to be much less concerned with public debt, and those on the right are more likely to consider public debt to be a major problem. Also, we confirm the finding that the pro-consolidation narrative has a statistically significant effect of increasing the concerns about public debt of left-leaning voters.

We also test if the treatments had any significant effect on the views regarding the public deficit. This has been done in a holistic way, so that the respondents were confronted with the questions: "How should the government deal with public deficit?" and had to choose between the answers "Cut expenditures", "Increase taxes", and "Borrow", or "I don't know". Figure 3 shows the distribution of the values of the answers for the control group. The shares of the preferred ways to deal with the public deficit are almost evenly split, with a somewhat lower preference for a tax hike. About 15% of participants chose the answer "I don't know".

Table 5 and 6 present the marginal effects of the multinomial logit regressions of respondents' opinion

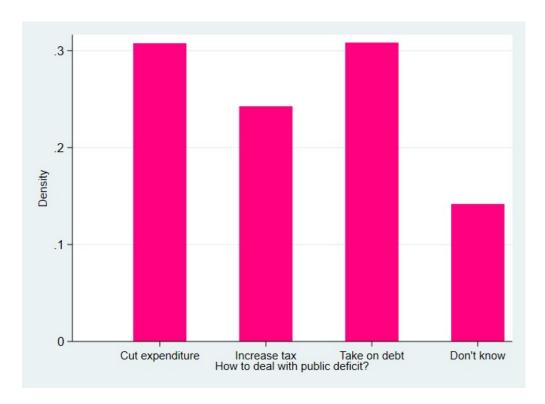


Figure 3: Distribution of opinions on how to deal with public deficit.

on how to deal with a budget deficit on the treatment dummies A and B, respectively, as well as the control variables. The model assumes that the probability of each outcome of the dependent variable is determined as:

$$Pr(OpinionDeficit_i = k) = \frac{e^{x'_i \beta_k}}{1 + \sum_{j=1}^{K-1} e^{x'_i \beta_j}}, 1 \le k < K.$$
 (2)

Again, we find that the party preference strongly correlates with respondents' answers to this question. As might be expected, voters on the left of the political spectrum are much less likely to endorse cutting expenditure and prefer a tax increase or borrowing, instead. At the same time, respondents, who prefer the far-right party, more often prefer to cut spending and not increase taxes. Importantly, the survey participants, who indicated a specific party preference, were overall much less inclined to answer that they don't know how to deal with the public deficit. This supports our suspicion that the attitudes of respondents towards public finance issues aligned strongly with the ideology of the preferred political party. The narrative treatments do not seem to affect these opinions by much. The consolidation narrative A does not lead to a relevant and statistically significant treatment effect (Table 5). The pro-investment treatment (Table 6) slightly decreases the preference for cutting expenditure, in line with our hypothesis, since it emphasized the need for increased public spending. Still, in this case, the respondents did not express an alternative preferred solution for the public deficit and were more likely to answer "I don't know" instead.

From this finding, we could again conclude that party preferences strongly align with budgetary priorities in expected ways, and exposing the respondents to political statements does not essentially

change their views. Again, partisan bias may partially explain this finding. If the treatment weakened alignment with their preferred party, it might have increased uncertainty about the best approach to managing government deficits.

Table 5: Opinion on government deficit. Narrative A

Table 5	(1)	(2)	(3)	(4)
	Cut Spending	Increase Tax	New Debt	Don't know
Age	-0.00322***	0.000799	0.000815	0.00161***
	(0.000624)	(0.000586)	(0.000635)	(0.000486)
Gender (male)	0.0304	0.0234	-0.00721	-0.0466***
	(0.0188)	(0.0174)	(0.0189)	(0.0139)
Children	-0.00282	0.00543	-0.0340	0.0314**
	(0.0215)	(0.0206)	(0.0225)	(0.0159)
Education	-0.0205*	-0.000471	0.0383***	-0.0173**
	(0.0117)	(0.0110)	(0.0124)	(0.00832)
Financial literacy	-0.0107	0.0109	0.0341***	-0.0343***
	(0.0105)	(0.0101)	(0.0109)	(0.00695)
Trust in government	-0.00812	0.0262***	-0.00906	-0.00904**
	(0.00601)	(0.00549)	(0.00601)	(0.00435)
Concern economy	0.0346**	-0.00423	-0.0300**	-0.000341
	(0.0148)	(0.0139)	(0.0149)	(0.0107)
Left	-0.112***	0.0849***	0.0845***	-0.0573**
	(0.0307)	(0.0240)	(0.0266)	(0.0226)
Centrist	0.0448**	0.0181	-0.00842	-0.0545***
	(0.0210)	(0.0197)	(0.0217)	(0.0160)
Right	0.175***	-0.129**	-0.0282	-0.0180
	(0.0410)	(0.0566)	(0.0489)	(0.0297)
Narrative A	0.0194	-0.00758	-0.0190	0.00711
	(0.0209)	(0.0196)	(0.0213)	(0.0151)
Observations	2,549	2,549	2,549	2,549

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with public deficit?" Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

In addition, Table B4 and B5 in Appendix B present the results of the marginal effects of the multinomial logit regressions for the treatment A and B, respectively, with the interactions of the treatment and the dummies for political preferences (left, centrist, or right-leaning). The interactions are not as strong as in Table 4 and largely statistically insignificant, but they point in a similar direction: left-wing voters turn more to conservative policy options (cut spending instead of increasing taxes or incur new debt) while the preferences of right-wing voters are reinforced. Narrative B, which is more positive about

Table 6: Opinion on government deficit. Narrative B

	(1)	(2)	(3)	(4)
	Cut Spending	Increase Tax	New Debt	Don't know
Age	-0.00346***	0.000923	0.000900	0.00164***
	(0.000611)	(0.000591)	(0.000639)	(0.000486)
Gender (male)	0.0356*	0.0385**	-0.0274	-0.0467***
	(0.0184)	(0.0174)	(0.0188)	(0.0139)
Children	-0.0302	0.0316	-0.0275	0.0261*
	(0.0211)	(0.0201)	(0.0223)	(0.0158)
Education	-0.0125	0.00399	0.0203*	-0.0118
	(0.0115)	(0.0111)	(0.0123)	(0.00839)
Financial literacy	-0.00480	0.0101	0.0382***	-0.0435***
	(0.0103)	(0.0100)	(0.0109)	(0.00687)
Trust in government	-0.00406	0.0215***	-0.00980	-0.00762*
	(0.00588)	(0.00545)	(0.00598)	(0.00434)
Concern economy	0.0312**	-0.0119	-0.0230	0.00375
	(0.0145)	(0.0139)	(0.0150)	(0.0107)
Left	-0.146***	0.124***	0.0817***	-0.0605***
	(0.0309)	(0.0237)	(0.0269)	(0.0225)
Centrist	0.0304	0.0350*	-0.000839	-0.0646***
	(0.0207)	(0.0200)	(0.0218)	(0.0163)
Right	0.147***	-0.0685	-0.0485	-0.0298
	(0.0381)	(0.0486)	(0.0464)	(0.0290)
Narrative B	-0.0385*	0.0126	0.000568	0.0253*
	(0.0210)	(0.0194)	(0.0212)	(0.0148)
Observations	2,556	2,556	2,556	2,556

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with public deficit?" Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

debt-financed investment, does neither make left nor right-wing voters prefer new debt in comparison to their peers in the control group. Table B6 and B7 in Appendix B show the same regressions for the sample reduced only to the respondents who named their party preference. The results stay fairly robust.

All in all, our experiment does not confirm the hypothesis that political narratives per se have a strong influence on views about sovereign debt. However, it is apparent that the political leaning is strongly correlated with these views. Along the lines of the partisan bias theory, the self-identification with a specific party is a powerful predictor for the revealed opinions on the topic of public debt. A further explanation for this finding might be that the opinions on sovereign debt were already politicized at the time of the survey due to the election, so that the treatments did not convey any new information for

the respondents. In this case, the preference for a specific party is more closely linked to opinions about public debt than our treatments.

We interpret these findings as a conjunction of the narratives economics theory (Shiller, 2017) and the partisan bias literature. Self-identification with a political party could serve as a narrative anchor. As the partisan bias research shows, partisan identity comes with a set of pre-established meta-narratives that provide a stable framework for interpreting new information. This also resonates with Shiller's idea that narratives are especially potent when they resonate with pre-existing values. Individuals interpret or accept narratives that align with their beliefs and resist those that contradict them. If people strongly identify with a political group, they are likely to be skeptical of narratives presented by, or perceived as beneficial to, opposing groups. Thus, party preference can serve as a "filter" to accepted narratives. However, if narratives trigger fundamental emotionally charged values, they can become more powerful. This is reflected in the so-called concept of "narrative contagion" where the most emotionally engaging stories are the most convincing (Shiller, 2017). Against this background, the asymmetrical effect of the conservative narrative is particularly interesting. The consolidation narrative may have crossed ideological boundaries because it taps into very deep ethical values when framed as "intergenerational justice". Left-leaning voters, who might otherwise support additional deficit spending, may feel compelled by the moral framing to reevaluate their stance.

### 4 Conclusion

This paper investigates whether political narratives influence people's preferences for public finances. It employs the data from a new representative survey and a survey experiment that shed some light on the attitudes of laypersons towards public deficit and debt. We treat two randomly selected subsamples of survey participants with political statements taken from the CDU and the Green Party election programs. We do not identify a general effect of these treatments on the public opinion of sovereign debt. To the contrary, our data reveal that self-declared political party preferences strongly align with opinions on public debt and deficit in expected ways. Moreover, people with a party preference are less likely to have no opinion or idea about the best way to handle public deficits. Therefore, we conclude that the attitudes of the participants align strongly with the preferred party's views, which confirms the notion of a significant partisan bias in matters of public finance. This seems plausible also because the survey was conducted in the weeks after the general election in Germany in the year 2021, and opinions could have been already highly politicized.

Even though the treatments did not impact the views on public debt in general, we found some influence on the attitudes of specific voter groups. The pro-consolidation narrative increased concerns about public debt of the Green and the Left party voters. As this treatment equates fiscal consolidation with "intergenerational justice" it might have transcended ideological boundaries by appealing to deeply rooted ethical principles. We thus interpret our findings in the way that only emotionally charged

narratives pass the partisan filter. Future research could explore conditions for "narrative contagion" in more detail, as well as possible asymmetries in openness to conflicting narratives across the political spectrum.

To conclude, our results nuance the narrative economics theory and provide novel evidence for the partisan bias literature. Our findings may have implications for policy making. In increasingly polarized political landscapes, "narrative filters" may have become more rigid, making it more challenging to engage individuals across ideological divides. Under these conditions, the most effective communication strategy about necessary reforms would be a universally compelling storyline which resonates with the broader population on a deeper emotional level.

### References

- Bachmann, O., Gründler, K., Potrafke, N., & Seiberlich, R. (2021). Partisan Bias in Inflation Expectations. *Public Choice*, 186 (3-4), 513–536. doi: 10.1007/s11127-019-00741-0
- Barnes, L., & Hicks, T. (2018). Making Austerity Popular: The Media and Mass Attitudes toward Fiscal Policy. American Journal of Political Science, 62(2), 340–354. doi: 10.1111/ajps.12346
- Bartels, L. M. (2002). Beyond the Running Tally: Partisan Bias in Political Perceptions. *Political Behavior*, 24(2), 117–150. doi: 10.1023/A:1021226224601
- Behringer, J., Dräger, L., Dullien, S., & Gechert, S. (2024). News and Views on Public Finances: A Survey Experiment (IMK working paper No. 223).
- Berger, M., Blesse, S., Heinemann, F., & Janeba, E. (2017). Föderalismuspräferenzen in der deutschen Bevölkerung. *Perspektiven der Wirtschaftspolitik*, 18(2), 145–158. doi: 10.1515/pwp-2017-0007
- Bremer, B., & Bürgisser, R. (2023). Do Citizens Care about Government Debt? Evidence from Survey Experiments on Budgetary Priorities. *European Journal of Political Research*, 62(1), 239-263. doi: https://doi.org/10.1111/1475-6765.12505
- Bullock, J. G., Gerber, A. S., Hill, S. J., & Huber, G. A. (2015). Partisan Bias in Factual Beliefs about Politics. Quarterly Journal of Political Science, 10(4), 519–578. doi: 10.1561/100.00014074
- Bullock, J. G., & Lenz, G. (2019). Partisan Bias in Surveys. Annual Review of Political Science, 22(1), 325–342. doi: 10.1146/annurev-polisci-051117-050904
- Bursztyn, L., Rao, A., Roth, C., & Yanagizawa-Drott, D. (2023). Opinions as Facts. The Review of Economic Studies, 90(4), 1832-1864. doi: 10.1093/restud/rdac065
- Campbell, A., Converse, P. E., Miller, W. E., & Stokes, D. E. (1960). *The American voter* (Reprint ed.). Chicago: Univ. of Chicago Press.
- Coleman, W., & Nautz, D. (2022). Inflation Expectations, Inflation Target Credibility, and the COVID-19 Pandemic: Evidence from Germany. *Journal of money, credit, and banking*. doi: 10.1111/jmcb.12998
- D'Acunto, F., Malmendier, U. M., Weber, M., & Weber, M. (2022). What Do the Data Tell Us about Inflation Expectations? *CESifo Working Paper Series*, 9602. doi: http://dx.doi.org/10.2139/ssrn.4048523
- Dias, N., & Lelkes, Y. (2022). The Nature of Affective Polarization: Disentangling Policy Disagreement from Partisan Identity. *American Journal of Political Science*, 66(3), 775–790. doi: 10.1111/ajps.12628
- Eichhorn, J., Kenealy, D., & Bennett, H. (2024). Public Understandings of Welfare and the Economy: Who Knows What and Does It Relate to Political Attitudes? Social Policy & Administration, 58(3), 344-367. doi: https://doi.org/10.1111/spol.12963
- Flynn, D. J., Nyhan, B., & Reifler, J. (2017). The Nature and Origins of Misperceptions: Understanding False and Unsupported Beliefs About Politics. *Political Psychology*, 38(S1), 127–150. doi: 10.1111/pops.12394

- Gerber, A. S., & Huber, G. A. (2009). Partisanship and Economic Behavior: Do Partisan Differences in Economic Forecasts Predict Real Economic Behavior? *American Political Science Review*, 103(3), 407–426. doi: 10.1017/S0003055409990098
- Gerber, A. S., Huber, G. A., & Washington, E. (2010). Party Affiliation, Partisanship, and Political Beliefs: A Field Experiment. *American Political Science Review*, 104(4), 720–744. doi: 10.1017/S0003055410000407
- Gillitzer, C., Prasad, N., & Robinson, T. (2021). Political Attitudes and Inflation Expectations: Evidence and Implications. *Journal of Money, Credit, and Banking*, 53(4), 605–634. doi: 10.1111/jmcb.12797
- Glaser, J. M., & Berry, J. M. (2018). Compromising Positions: Why Republican Partisans Are More Rigid than Democrats. *Political Science Quarterly*, 133(1), 99–125. doi: 10.1002/polq.12735
- Goren, P. (2005). Party Identification and Core Political Values. American Journal of Political Science, 49(4), 881–896. doi: 10.1111/j.1540-5907.2005.00161.x
- Greszki, R., Meyer, M., & Schoen, H. (2014). The Impact of Speeding on Data Quality in Nonprobability and Freshly Recruited Probability-based Online Panels. In M. Callegaro, R. Baker, J. Bethlehem, A. S. Göritz, J. A. Krosnick, & P. J. Lavrakas (Eds.), *Online panel research* (pp. 238–262). Wiley.
- Hayo, B., & Neumeier, F. (2017). Public Attitudes toward Fiscal Consolidation: Evidence from a Representative German Population Survey. Kyklos, 70(1), 42–69. doi: 10.1111/kykl.12130
- Hayo, B., & Neumeier, F. (2019). Public Preferences for Government Spending Priorities: Survey Evidence from Germany. *German Economic Review*, 20(4), 1–37. doi: 10.1111/geer.12149
- Heinemann, F., & Hennighausen, T. (2012). Understanding Public Debt Preferences. FinanzArchiv, 68(4), 406-430. doi: 10.1628/001522112X659556
- Hübscher, E., Sattler, T., & Wagner, M. (2021). Voter Responses to Fiscal Austerity. British Journal of Political Science, 51(4), 1751–1760. doi: 10.1017/S0007123420000320
- Infratest dimap. (2021). Sonntagsfrage Bundestagswahl. Retrieved from https://www.infratest-dimap.de/umfragen-analysen/bundesweit/sonntagsfrage/
- Jerit, J., & Barabas, J. (2012). Partisan Perceptual Bias and the Information Environment. The Journal of Politics, 74(3), 672–684. doi: 10.1017/S0022381612000187
- Kiley, K., & Vaisey, S. (2020). Measuring Stability and Change in Personal Culture Using Panel Data. American Sociological Review, 85(3), 477–506. doi: 10.1177/0003122420921538
- Lusardi, A., & Mitchell, O. S. (2014). The Economic Importance of Financial Literacy: Theory and Evidence. *Journal of Economic Literature*, 52(1), 5–44. doi: 10.1257/jel.52.1.5
- Roth, C., Settele, S., & Wohlfart, J. (2022). Beliefs about Public Debt and the Demand for Government Spending. *Journal of Econometrics*, 231(1), 165-187. doi: https://doi.org/10.1016/j.jeconom.2020.09.011
- Sears, D. O., & Funk, C. L. (1999). Evidence of the Long-Term Persistence of Adults' Political Predispositions. *The Journal of Politics*, 61(1), 1–28. doi: 10.2307/2647773

- Shiller, R. J. (2017). Narrative Economics. American Economic Review, 107(4), 967–1004. doi: 10.1257/aer.107.4.967
- Sides, J. (2016). Stories or Science? Facts, Frames, and Policy Attitudes. American Politics Research, 44(3), 387–414. doi: 10.1177/1532673X15610190
- Stantcheva, S. (2021). Understanding Tax Policy: How do People Reason? The Quarterly Journal of Economics, 136(4), 2309-2369. doi: 10.1093/qje/qjab033
- Stix, H. (2013). Does the Broad Public Want to Consolidate Public Debt? The Role of Fairness and of Policy Credibility. *Kyklos*, 66(1), 102–129. doi: 10.1111/kykl.12013
- Welch, S. (1985). The "More for Less Paradox": Public Attitudes on Taxing and Spending. *Public Opinion Quarterly*, 49(3), 310–316. doi: 10.1086/268929
- Zabler, S. (2017). Die Konsolidierungsbereitschaft der Bürger. Die Rolle des Problemdrucks auf kommunaler Ebene. Zeitschrift für Politikwissenschaft, 27(1), 29–45. doi: 10.1007/s41358-017-0090-3

# Appendices

### A Balance tests

Table A1: Balance tests for treatment (Narrative A) vs. control group

	Control	Treated	t-statistic	<i>p</i> -value	N
Male	0.508	0.511	-0.114	0.909	2,581
Age	47.720	47.886	-0.237	0.813	2,581
Education					
No graduation (yet)	0.032	0.017	1.899	0.058*	2,581
Lower secondary school	0.121	0.108	0.914	0.361	2,581
Secondary school	0.346	0.354	-0.395	0.693	2,581
Upper secondary school	0.489	0.506	-0.736	0.462	2,581
Party preference					
Die Linke	0.052	0.035	1.744	0.081*	2,581
SPD	0.140	0.160	-1.258	0.209	2,581
B90/Die Grünen	0.098	0.108	-0.698	0.486	2,581
CDU/CSU	0.125	0.133	-0.506	0.613	2,581
FDP	0.072	0.065	0.595	0.552	2,581
AfD	0.050	0.051	-0.087	0.931	2,581
Other or no preference	0.464	0.449	0.634	0.526	2,581
Children	0.260	0.252	0.401	0.688	2,581
Financial literacy	2.226	2.214	0.287	0.774	2,581
Trust in government	3.588	3.650	-0.812	0.417	2,581
Concern economy	2.068	2.043	0.865	0.387	2,581

Table presents results of t-tests. Statistical significance levels: \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table A2: Balance tests for treatment (Narrative B) vs. control group

	~ .	_ `		,	
	Control	Treated	t-statistic	<i>p</i> -value	N
Male	0.508	0.500	0.371	0.711	2,587
Age	47.720	47.708	0.016	0.987	2,587
Education					
No graduation (yet)	0.032	0.020	1.494	0.135	2,587
Lower secondary school	0.121	0.107	0.987	0.324	2,587
Secondary school	0.346	0.345	0.046	0.693	2,587
Upper secondary school	0.489	0.516	-1.148	0.251	2,587
Party preference					
Die Linke	0.052	0.042	0.960	0.337	2,587
SPD	0.140	0.139	0.004	0.997	2,587
B90/Die Grünen	0.098	0.108	-0.740	0.459	2,587
$\mathrm{CDU}/\mathrm{CSU}$	0.125	0.133	-0.529	0.597	2,587
FDP	0.072	0.067	0.379	0.705	2,587
AfD	0.050	0.067	-1.709	0.088*	2,587
Other or no preference	0.464	0.442	0.960	0.337	2,587
Children	0.260	0.279	-0.963	0.336	2,587
Financial literacy	2.226	2.221	0.113	0.910	2,587
Trust in government	3.588	3.699	-1.428	0.154	2,587
Concern economy	2.068	2.061	0.228	0.820	2,587

Table presents results of t-tests. Statistical significance levels: \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

### B Robustness tests

Table B1: Effect of treatments on opinions on public debt, Ordered Logit Model

	Narrative	A: Consolidation	Narrative B: Investment	
	(1)	(2)	(3)	(4)
Narrative A	0.031	0.046		
	(0.081)	(0.085)		
Narrative B			0.013	0.049
			(0.082)	(0.085)
Age		0.009***		0.009***
		(0.003)		(0.003)
Gender (male)		-0.069		0.022
		(0.075)		(0.075)
Children		0.196**		0.250***
		(0.088)		(0.086)
Education		-0.181***		-0.185***
		(0.048)		(0.048)
Financial literacy		-0.104**		-0.128***
		(0.042)		(0.042)
Trust in government		-0.177***		-0.146***
		(0.023)		(0.023)
Concern economy		0.720***		0.788***
		(0.062)		(0.062)
Observations	2,693	2,549	2,693	2,556
LR chi2	0.15	315.68	0.02	330.49
p-value	0.702	0.000	0.877	0.000
Pseudo R-squared	0.000	0.045	0.000	0.047

Notes: Table presents results of logit regressions. Dependent variable refers to respondents' agreement that 'the level of public debt in Germany is a major problem' (on a linear scale of 1=fully disagree to 5=fully agree). Explanatory variables: Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B2: Effect of treatments on opinions on public debt, with partisanship, Ordered Logit Model

	Narrative A: Consolidation		Narrative B: Investment		
	(1)	(2)	(3)	(4)	
	Narrative A	Narrative A	Narrative B	Narrative B	
Narrative A	0.031	-0.064			
	(0.085)	(0.13)			
Narrative B	,	,	0.027	-0.044	
			(0.085)	(0.126)	
Left	-0.523***	-0.654***	-0.668***	-0.670***	
	(0.111)	(0.125)	(0.110)	(0.125)	
Centrist	0.043	0.044	0.050	0.006	
	(0.087)	(0.099)	(0.088)	(0.099)	
Right	0.619***	0.588***	0.664***	0.624***	
	(0.183)	(0.212)	(0.179)	(0.212)	
Left*Narrative A		0.593**			
		(0.258)			
Centrist*Narrative A		0.009			
		(0.191)			
Right*Narrative A		0.128			
		(0.410)			
Left*Narrative B				0.009	
				(0.251)	
Centrist*Narrative B				0.179	
				(0.193)	
Right*Narrative B				0.152	
				(0.385)	
Age	0.009***	0.009***	0.009***	0.009***	
	(0.003)	(0.003)	(0.003)	(0.003)	
Gender (male)	-0.109	-0.113	-0.030	-0.028	
	(0.076)	(0.076)	(0.076)	(0.076)	
Children	0.158*	0.158*	0.203**	0.202**	
	(0.088)	(0.088)	(0.087)	(0.087)	
Education	-0.162***	-0.162***	-0.158***	-0.158***	
	(0.048)	(0.048)	(0.048)	(0.048)	
Financial literacy	-0.087**	-0.087**	-0.109***	-0.110***	
	(0.042)	(0.043)	(0.042)	(0.042)	
Trust in government	-0.151***	-0.152***	-0.116***	-0.116***	
α.	(0.025)	(0.025)	(0.025)	(0.025)	
Concern economy	0.715***	0.716***	0.779***	0.777***	
01	(0.062)	(0.062)	(0.062)	(0.063)	
Observations	2,549	2,549	2,556	2,556	
LR chi2	357.15	362.97	392.88	393.88	
p-value	0.000	0.000	0.000	0.000	
Pseudo R-squared	0.050	0.051	0.055	0.055	

Notes: Table presents results of logit regressions. Dependent variable refers to respondents' agreement that 'the level of public debt in Germany is a major problem' (on a linear scale of 1=fully disagree to 5=fully agree). Explanatory variables: Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B3: Effect of treatments on opinions on public debt, with partisanship, subsample with a party preference, "centrist" as reference group

	Narrative A	: Consolidation	Narrative	Narrative B: Investment	
	(1)	(2)	(3)	(4)	
Narrative A	0.073	-0.014			
	(0.063)	(0.079)			
Narrative B			0.046	0.084	
			(0.063)	(0.080)	
Left	-0.298***	-0.365***	-0.391***	-0.358***	
	(0.064)	(0.073)	(0.064)	(0.073)	
Right	0.269**	0.225*	0.273***	0.274**	
	(0.106)	(0.120)	(0.103)	(0.120)	
Left*Narrative A		0.273*			
		(0.146)			
Right*Narrative A		0.164			
		(0.222)			
Left*Narrative B				-0.133	
				(0.144)	
Right*Narrative B				-0.009	
Ü				(0.203)	
Age	0.003*	0.003*	0.001	0.001	
	(0.002)	(0.002)	(0.002)	(0.002)	
Gender (male)	-0.085	-0.091	-0.024	-0.022	
,	(0.057)	(0.057)	(0.057)	(0.057)	
Children	0.081	$0.083^{'}$	0.088	0.088	
	(0.068)	(0.068)	(0.067)	(0.067)	
Education	-0.095***	-0.096***	-0.092**	-0.091***	
	(0.036)	(0.036)	(0.036)	(0.036)	
Financial literacy	-0.087**	-0.085**	-0.086**	-0.087***	
·	(0.034)	(0.034)	(0.033)	(0.034)	
Trust in government	-0.054***	-0.055***	-0.034*	-0.034*	
<u> </u>	(0.018)	(0.018)	(0.018)	(0.018)	
Concern economy	0.369***	0.368***	0.370***	0.368***	
J	(0.046)	(0.046)	(0.046)	(0.047)	
Constant	3.424***	3.455***	3.435***	3.429***	
	(0.210)	(0.211)	(0.209)	(0.210)	
Observations	1,382	1,382	1,392	1,392	
R-squared	0.129	0.131	0.132	0.132	

Notes: Table presents results of OLS regressions. Dependent variable refers to respondents' agreement that 'the level of public debt in Germany is a major problem' (on a linear scale of 1=fully disagree to 5=fully agree). Explanatory variables: Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B4: Opinion on government deficit. Narrative A

Table B4: Opinion on government dencit. Narrative A							
	(1)	(2)	(3)	(4)			
	Cut Spending	Increase Tax	New Debt	Don't know			
Age	-0.003***	0.001	0.001	0.002***			
	(0.001)	(0.001)	(0.001)	(0.000)			
Gender (male)	0.030	0.024	-0.007	-0.047***			
	(0.019)	(0.017)	(0.019)	(0.014)			
Children	-0.003	0.005	-0.034	0.032**			
	(0.0215)	(0.0205)	(0.0225)	(0.0159)			
Education	-0.020*	-0.000	0.038***	-0.017**			
	(0.012)	(0.011)	(0.012)	(0.008)			
Financial literacy	-0.011	0.011	0.034***	-0.034***			
	(0.011)	(0.010)	(0.011)	(0.007)			
Trust in government	-0.0082	0.026***	-0.009	-0.009**			
_	(0.006)	(0.005)	(0.006)	(0.004)			
Concern economy	0.034**	-0.004	-0.030**	-0.001			
-	(0.015)	(0.014)	(0.015)	(0.011)			
Left	-0.129***	0.098***	0.091***	-0.059***			
	(0.036)	(0.027)	(0.030)	(0.026)			
Centrist	0.038	0.020	-0.006	-0.052***			
	(0.0241)	(0.0226)	(0.0247)	(0.0183)			
Right	0.159***	-0.107*	-0.018	-0.033			
	(0.047)	(0.063)	(0.055)	(0.035)			
Narrative A	-0.002	$0.006^{'}$	-0.010	$0.005^{'}$			
	(0.031)	(0.030)	(0.032)	(0.020)			
Narrative A*Left	0.069	-0.054	-0.024	0.008			
	(0.069)	(0.057)	(0.062)	(0.051)			
Narrative A*Centrist	$0.027^{'}$	-0.007	-0.011	-0.009			
	(0.046)	(0.044)	(0.048)	(0.035)			
Narrative A*Right	0.076	-0.098	-0.038	0.060			
	(0.099)	(0.148)	(0.122)	(0.066)			
Observations	2,549	2,549	2,549	2,549			

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with a public deficit?". Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative A is a dummy=1 when the respondent is exposed to the proconsolidation narrative. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B5: Opinion on government deficit. Narrative B

Cut Spending         Increase Tax         New Debt         Don't know           Age         -0.003***         0.001         0.001         0.002***           Gender (male)         0.036*         0.038**         -0.027         -0.047***           Children         -0.030         0.032         -0.028         0.026*           Children         -0.012         0.003         0.021*         -0.012           Education         -0.012         0.003         0.021*         -0.012           Education         -0.012         0.003         0.021*         -0.012           Education         -0.012         0.0011         (0.012)         (0.008)           Financial literacy         -0.005         0.011         0.038***         -0.043***           Financial literacy         -0.005         0.011         0.038***         -0.043***           Financial literacy         -0.005         0.011         0.038***         -0.043***           Financial literacy         -0.005         0.011         (0.007         0.008*           Financial literacy         -0.005         0.011         (0.011)         (0.007           Trust in government         -0.005         0.011         (0.001)         (0.001)	Table Do	(1)	(2)	(3)	(4)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Age				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9	(0.001)	(0.001)	(0.001)	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Gender (male)	0.036*	0.038**	-0.027	-0.047***
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	,	(0.018)	(0.017)	(0.019)	(0.014)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Children	-0.030	$0.032^{'}$	-0.028	0.026*
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.021)	(0.020)	(0.022)	(0.016)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Education	-0.012	0.003	0.021*	-0.012
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.012)	(0.011)	(0.012)	(0.008)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Financial literacy	-0.005	0.011	0.038***	-0.043***
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.010)	(0.010)	(0.011)	(0.007)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Trust in government	-0.004	0.021***	-0.010	-0.008*
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.006)	(0.005)	(0.006)	(0.004)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Concern economy	0.032**	-0.012	-0.023	0.004
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			(0.014)	(0.015)	(0.011)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Left	-0.134***	0.100***	0.095***	-0.061**
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.035)	(0.028)	(0.031)	(0.027)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Centrist	0.032	0.023	-0.001	-0.054***
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.024)	(0.023)	(0.025)	(0.019)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Right	0.164***	-0.117*	-0.017	-0.030
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		(0.046)	(0.063)	(0.055)	(0.036)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Narrative B	-0.024	-0.031	0.019	0.036*
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		(0.031)	(0.032)	(0.032)	(0.020)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Narrative B*Left	-0.052	0.099*	-0.052	
Narrative B*Right $(0.047)$ $(0.045)$ $(0.048)$ $(0.036)$ $0.001$ $(0.08)$ $(0.100)$ $(0.102)$ $(0.060)$		(0.077)	(0.055)	(0.064)	(0.049)
Narrative B*Right -0.053 0.150 -0.098 0.001 (0.08) (0.100) (0.102) (0.060)	Narrative B*Centrist	-0.008	0.050	-0.002	-0.041
$(0.08) \qquad (0.100) \qquad (0.102) \qquad (0.060)$		(0.047)	(0.045)	(0.048)	(0.036)
	Narrative B*Right	-0.053	0.150	-0.098	0.001
Observations 2,556 2,556 2,556 2,556		(0.08)	(0.100)	(0.102)	(0.060)
	Observations	$2,\!556$	$2,\!556$	2,556	2,556

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with public deficit?" Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Standard errors in parentheses. \*\*\*\* p<0.01, \*\*\* p<0.05, \* p<0.1.

Table B6: Opinion on government deficit. Narrative A, subsample with a party preference, "centrist" as reference group

	(1)	(2)	(3)	(4)
	Cut Spending	Increase Tax	New Debt	Don't know
Age	-0.003***	0.001	0.001	0.001**
	(0.001)	(0.001)	(0.001)	(0.001)
Gender (male)	0.019	0.047*	-0.018	-0.047***
	(0.025)	(0.024)	(0.026)	(0.017)
Children	-0.029	0.026	-0.046	0.049**
	(0.030)	(0.029)	(0.032)	(0.020)
Education	-0.026*	0.008	0.027	-0.010
	(0.016)	(0.016)	(0.017)	(0.010)
Financial literacy	-0.025*	0.011	0.035**	-0.021**
	(0.015)	(0.015)	(0.016)	(0.009)
Trust in government	-0.006	0.026***	-0.005	-0.015***
	(0.008)	(0.008)	(0.008)	(0.005)
Concern economy	0.052**	-0.013	-0.025	-0.014
	(0.020)	(0.020)	(0.021)	(0.013)
Left	-0.166***	0.082***	0.095***	-0.012
	(0.035)	(0.030)	(0.032)	(0.022)
Right	0.128**	-0.135**	0.009	-0.001
	(0.051)	(0.069)	(0.060)	(0.031)
Narrative A	0.026	-0.000	-0.021	-0.004
	(0.033)	(0.034)	(0.037)	(0.023)
Narrative A*Left	0.044	-0.051	-0.010	0.017
	(0.069)	(0.061)	(0.065)	(0.044)
Narrative A*Right	0.049	-0.092	-0.020	0.063
	(0.100)	(0.158)	(0.128)	(0.055)
Observations	1,382	1,382	1,382	1,382

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with public deficit?" Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative A is a dummy=1 when the respondent is exposed to the pro-consolidation narrative. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table B7: Opinion on government deficit. Narrative B, subsample with a party preference, "centrist" as reference group

<u>F</u>	(1)	(0)	(0)	(4)
	(1)	(2)	(3)	(4)
VARIABLES	Cut Spending	Increase Tax	New Debt	Don't know
Age	-0.004***	0.001	0.001	0.002***
	(0.001)	(0.001)	(0.001)	(0.001)
Gender (male)	0.022	0.065***	-0.032	-0.055***
	(0.025)	(0.025)	(0.026)	(0.017)
Children	-0.051*	0.064**	-0.048	0.035*
	(0.029)	(0.029)	(0.031)	(0.019)
Education	-0.024	0.014	0.014	-0.004
	(0.015)	(0.016)	(0.017)	(0.010)
Financial literacy	-0.007	0.004	0.036**	-0.033***
	(0.014)	(0.015)	(0.016)	(0.009)
Trust in government	0.000	0.022***	-0.007	-0.016***
	(0.008)	(0.008)	(0.00)	(0.005)
Concern economy	0.042**	-0.002	-0.026	-0.013
	(0.020)	(0.020)	(0.021)	(0.013)
Left left	-0.163***	0.085***	0.092***	-0.014
	(0.034)	(0.030)	(0.032)	(0.022)
Right	0.147***	-0.156**	0.010	-0.000
	(0.049)	(0.071)	(0.061)	(0.031)
Narrative B	-0.030	0.020	0.017	-0.007
	(0.034)	(0.034)	(0.036)	(0.023)
Narrative B*Left	-0.041	0.054	-0.052	0.039
	(0.076)	(0.060)	(0.066)	(0.042)
Narrative B*Right	-0.048	0.108	-0.101	0.041
Ü	(0.089)	(0.108)	(0.106)	(0.050)
Observations	1,392	1,392	1,392	1,392

Notes: Table presents average marginal effects of a multinomial logit regression. Dependent variable refers to respondents' answer to the question "How should the government deal with public deficit?" Explanatory variables: Age (in years), Gender (1=male, 0=other), Education (1=lower, 2=secondary, 3=upper secondary), Children (1=household with children, 0=no children), Financial literacy (linear scale, 0 to 3 correct answers), Trust in government (linear scale, from 1=no trust to 7=profound trust), Concern economy (linear scale, from 1=no concerns to 3=big concerns). Left is a dummy=1 when the respondent reported preference for Left or Green party, Centrist is a dummy=1 when the respondent reported preference for SPD, CDU/CSU or FDP, Right is a dummy=1 when the respondent reported preference for AfD. Narrative B is a dummy=1 when the respondent is exposed to the pro-investment narrative. Standard errors in parentheses. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

### C Survey questions

This section provides the English translation of the survey questions we use to construct the variables for our empirical analysis. We list the original survey numbers of the questions. The full questionnaire can be found at https://www.boeckler.de/pdf/p\_2021\_fragebogen\_staatsverschuldung\_imk.pdf

A2. Age How old are you? Age in years
A3. Gender What is your gender?  [] Male  [] Female  [] Other
E1. Opinion on public debt  To what extent do you agree with the following statement: "The level of public debt in Germany is a major problem"?  [] Fully agree  [] Tend to agree  [] Undecided  [] Tend to disagree  [] Fully disagree  [] No answer
E5. Opinion on public deficit [randomized sequence of answers] Suppose there is a deficit in the government budget (i.e. revenues are lower than expenditures). How should the Federal Government deal with this deficit?  Please choose the answer that suits best.  [] Cut spending (e.g. on social security, health care, education, infrastructure, security)  [] Raise taxes (e.g. income taxes, value added taxes, business taxes)  [] Borrow money  [] Don't know
H1. Level of education What is your highest level of education?  [] Still in school  [] Lower secondary education (Hauptschulabschluss)  [] Intermediate secondary education (Realschulabschluss)  [] Upper secondary education (Abitur/Allgemeine Hochschulreife)  [] Other education  [] No graduation  [] No answer

H5. Household size ow many people permanently live in your household (including yourself)? Please also consider all children.
People above age 18: Number
[] People from above age 14 to below age 18: Number
[] People below age 14: Number
[] No answer
I2. Party preference – general lany people in Germany lean towards one party over a longer time span, even if they occasionally vote for another arty. What about you? Do you lean towards a particular party in Germany?
[] Yes
[] No
I3. Party preference – specific party [randomized sequence of answers]  Which party do you lean toward?
[] SPD
[] CDU
[] CSU
[] FDP
[] B90/Die Grünen
[] Die Linke
[] AfD
[] Other
[] No answer
I4. Trust in government ow much do you trust the following public institution or organization? a The Federal Government
[] 1 = No trust at all
[] 2–6
7 = Very high level of trust
[] No answer
J5. Concerns ow concerned are you about the following issues?
a The economy in general
[] Very concerned
Somewhat concerned

[] I do not agree. [] Don't know

### **Imprint**

### **Publisher**

Macroeconomic Policy Institute (IMK) of Hans-Böckler-Foundation, Georg-Glock-Str. 18, 40474 Düsseldorf, Germany, phone +49 211 7778-312, email <a href="mailto:imk-publikationen@boeckler.de">imk-publikationen@boeckler.de</a>

**IMK Working Paper** is an irregular online publication series available at: https://www.imk-boeckler.de/de/imk-working-paper-15378.htm

The views expressed in this paper do not necessarily reflect those of the IMK or the Hans-Böckler-Foundation.

ISSN 1861-2199



This publication is licensed under the Creative commons license: *Attribution 4.0 International* (CC BY).

Provided that the author's name is acknowledged, this license permits the editing, reproduction and distribution of the material in any format or medium for any purpose, including commercial use.

The complete license text can be found here: https://creativecommons.org/licenses/by/4.0/legalcode

The terms of the Creative Commons License apply to original material only. The re-use of material from other sources (marked with source) such as graphs, tables, photos and texts may require further permission from the copyright holder.