

ARTICLE

Eppur si Muove! Young People, Issue Salience and Volatility in Nine European Countries

Johannes Kiess^{1,2*}  and Martín Portos³ 

¹Department of Sociology, University of Siegen, Siegen, Germany, ²Else-Frenkel-Brunswick-Institute, Leipzig University, Leipzig, Germany and ³Department of Social Sciences, Universidad Carlos III de Madrid, Madrid, Spain

*Corresponding author. Email: kiess@soziologie.uni-siegen.de

(Received 7 March 2022; revised 12 October 2022; accepted 26 October 2022;
first published online 13 January 2023)

Abstract

Political participation and party attachment in Western democracies have become more and more volatile. In turn, political campaigns seem increasingly dependent on short-term discursive windows of opportunity opened by dynamic debates on issues such as migration, climate, employment and economic policies. Based on panel data from nine European countries, we investigate how patterns and changes in the materialist and postmaterialist concerns of respondents affect electoral turnout and party switching. By relating these variables, we aim to uncover whether and to what extent underlying concerns – and thus short-term politicization – account for short-term patterns of electoral volatility. We pay special attention to young respondents, who are often framed as being particularly dynamic and less bound to traditional political loyalties. Our findings offer insights into short-term change in discursive opportunities for political mobilization and broader democratic engagement.

Keywords: party attachment; electoral turnout; volatility; polarization; issue salience; young people

The year 2019 saw not only new protest waves in the wake of climate change (Taylor et al. 2019; Wahlström et al. 2019), but the European Parliament elections, too, were described as a showdown, namely between the ‘Green wave versus right-wing populism’ (Waldholz 2019). Attached to such descriptive accounts and translated to a large body of academic research is the idea that (successful) mobilization is recurrent and dependent on contextual factors – that is, political opportunity structures and (discursive) windows of opportunity (Chiaromonte and Emanuele 2017; Koopmans and Muis 2009; Spoon and Klüver 2019). Moreover, the outcomes of political campaigns and elections have become more and more difficult to predict because of increasing electoral instability, turnout fluctuations and party switching, which are frequent patterns throughout industrialized democracies (Dalton et al. 2000; De Vries and Hobolt 2020; Emanuele et al. 2020;

Mair 2008). Focusing on individual-level characteristics, in this article we study to what extent short-term changes in political concerns can explain electoral volatility. Do rapid changes in the most salient issues for the respondents translate into changing prospects for turnout and party switching? And, since young people tend to be less supportive of traditional party politics (Franklin 2004; Mair and van Biezen 2001), what role does age play in accounting for turnout and party switching?

First, as the bulk of the literature suggests (e.g. Franklin 2004; van Biezen et al. 2012), our results with individual-level panel survey data show that young people are less willing to cast a vote but are at the same time more likely to switch their party preferences. Second, we shed light on issue salience's asymmetric impact on volatility. On the one hand, we explore whether being concerned about material/economic issues does translate into increased electoral volatility. One would expect that material concerns would be linked to grievances, bearing a reactive component and possibly inviting electoral turnout and party switching. However, empirical support for this argument is mixed: increased material concerns are not associated with electoral turnout, and the effects of concerns about inflation and unemployment on party switching are contradictory. Although concerns over rising prices and the fall in the purchasing value of money push people to switch their electoral preferences, widespread apathy, despair and anxieties about meagre economic prospects seem to counterbalance the positive effect of economic concerns on volatility. On the other hand, and similar to unemployment, embracing so-called postmaterialist aspects such as immigration – and, to a qualified extent, terrorism – as the most salient issues increases electoral turnout but decreases party switching. While the politicization of these issues activates partisan constituencies, it does not lead to a change in party preferences but largely reaffirms already existing political divides. However, climate concern works differently, as it invites change in electoral preferences.

Notwithstanding increased electoral volatility – and notwithstanding some asymmetric effects of issue concerns on electoral volatility – we believe that visible and important political divisions are still in place and tend to be reinforced by recurring changes in issue salience. If established political actors ignore such cleavages, the result could be a further undermining of party attachment, instead of working against the trend of volatile electorates for any party. In fact, political parties are becoming more responsive to the mean voter, which, in turn leads to a further erosion of their core electorate (Dassonneville 2018) given the diverse pluralist interests in society not covered by the mean voter. Moreover, on climate concerns, young people may be less prone to react along traditional party ideological lines than over more postmaterialistic and/or pressing political concerns.

We investigate hypotheses derived from the literature through original panel survey data. While accounting for longitudinal variation at the individual level, these data also allow us to control for different political and cultural contexts, as they include information from nine European countries, namely France, Germany, Greece, Italy, Poland, Spain, Sweden, Switzerland and the United Kingdom. The article is structured as follows. In the next section, we review relevant literature and present our theoretical framework on the interplay between issue salience and electoral volatility. After that we introduce our data and methodological design. In the subsequent section, we discuss our main results. In the concluding part we

summarize the main contributions of the article, reflect on the broader implications for political engagement and policymaking, and signal some avenues for further inquiry.

Young people, volatility and issue salience

Volatility refers to change in voting behaviour between elections. However, this change may relate to different aspects for different scholars. In their seminal study on campaign effects, Paul Lazarsfeld et al. (1948) distinguished between three different processes linked to volatility: *conversion*, where people start out with a voting intention but end up voting for another party; *crystallization*, namely acquiring a vote choice during the election campaign; and *reinforcement*, the strengthening of the preference for the original voting decision. Beyond their obvious differences, all these processes represent, in the context of an electoral campaign, a change that affects electoral turnout and/or electoral preferences.

Broadly speaking, we focus on two of the main mechanisms that may produce electoral volatility: differential turnout and party switching.¹ Differential turnout refers to the electoral involvement of some voters and, conversely, the deactivation of others – as already noted, ‘the potential effect of abstention on election outcomes is quite high, even in countries with high voting rates’ (Boyd 1985: 521). By switching parties, we refer to ‘an active behaviour on the side of voters who decide to choose different parties in consecutive elections’ (Gómez 2018: 174).² Much empirical research to date has addressed volatility at the level of parties and elections, looking at the overall shifts in party system and party support in society (e.g. Gómez 2018; Mair 2008; Pedersen 1979; Tavits 2008). In fact, ‘the choices of elites may be more responsible for instability in the early stages of party system development than the erratic behaviour of voters’ (Tavits 2008: 537). This point is supported by recent studies of (large) parties trying to ‘own’ the issues of challenger parties (Abou-Chadi et al. 2020) and on issue-ownership attack, where competing parties try to reframe and blame an issue ‘owned’ by another party (Seeberg 2020).

However, at odds with the emphasis on the aggregate and meso levels of analysis, in this article we build on the individualization thesis – that is, that individuals are increasingly required to construct their own lives because of social changes in late modernity (Beck 2001). In other words, we argue that individual interests and preferences can also be key drivers of volatility. Along these lines, Peter Mair (2008) understands that cleavages offer several constraints, tying voters down to various social and organizational identities. In his study of the Dutch case, he shows that ‘depillarization, secularization and individualization have obviously left ... voters with scarcely anything with which to anchor themselves into place in terms of cleavages and other social identities’ (Mair 2008: 240). As cleavages and partisanship no longer account for the voting behaviour of a cognitively mobilized electorate, turnout and voting choices are more likely to depend on short-term factors (Dalton et al. 2000; Dassonneville 2013).

In short, increasing volatility is leading to far-reaching consequences and changes in political environments across advanced industrial democracies. Voters seem to be increasingly prone to switching parties and breaking traditional allegiances (De Vries

and Hobolt 2020: 71–80). This is related to the dealignment thesis in a context of individualization – that is, a large portion of the electorate in advanced democracies abandons its previous partisan membership and identification, and thus does not show stable voting patterns but chooses who to vote for on the issues of the day.

With this article we make a few moves that are uncommon in the literature on volatility. First, to avoid dangers related to ecological fallacy we firmly believe that examining individual-level determinants of volatility is a critical task. The literature on the determinants of volatility with micro-data exploring the characteristics and attitudes of volatile voters, such as political sophistication and satisfaction with democracy, has mostly reached mixed, inconclusive results. Conflicting arguments have been put forward for a positive, negative or even curvilinear relationship between political sophistication and volatility (Dassonneville and Dejaeghere 2014; Dassonneville and Stiers 2018; Lachat 2007). Similarly, some evidence suggests that frustration with politics and dissatisfaction with the political system will increase volatility – although this has been disputed as well (Dassonneville and Stiers 2018; Voogd and Dassonneville 2020; Zelle 1995). Second, we use (two-wave) panel data with interviewees responding to the same set of questions, so we can track actual longitudinal change in attitudes – including issue salience at the personal level – and voting information. To be sure, studies on the determinants of volatility have used panel data before. For example, Sabine Geers and Jesper Strömback (2019) find that political knowledge influenced patterns of electoral volatility in the 2014 Swedish national election – not for stored knowledge in the first wave but only for acquired political knowledge across subsequent waves. Third, in contrast to existing case studies, we engage in a comparative study of nine European countries with panel data on the same individuals. Fourth, with this type of empirical evidence, we give age variables a central place in our account and explore how generational aspects play out in volatility.

As young people are a dynamic subset of the population, they are supposed to be particularly affected by the above-mentioned developments. At the same time, however, young people have often been depicted as one of the least politically engaged groups in the population, with little interest in political issues on average, often falling into apathy and disaffection towards politics (Blais et al. 2004). Indeed, relative to older cohorts, young people tend to move away from more formal, institutional political activity like voting and working through political parties (Franklin 2004; Grasso 2016; Mair and van Biezen 2001). While a body of literature has forcefully shown that young people are keener to engage in activities like political consumerism, volunteering, protesting and digital activism than older people, the former still turn out to vote at lower rates (Dalton 2009; Earl et al. 2017; Zukin et al. 2006).

In contrast, in terms of party switching, there is evidence and reason to assume that young people might be more volatile. Political socialization literature suggests that young people might be more open to changes in political identity, party affiliation and electoral loyalty (Niemi and Sobieszek 1977: 223); moreover, their political attitudes (and the perceived importance of issues) are less stable (Alwin and Krosnick 1991; Niemi and Klingler 2012). While young people are influenced by their parents, and form their disposition relatively early, this subset of the population can only start voting at the age of 18 when their ‘preferences may gradually become associated with their adult correlates such as social characteristics and

issue attitudes' (Rekker et al. 2019: 49). In general terms, young people, who are often still in education and only starting to move out of the parental home, are also exposed to peers, the media and (life and exogenous) events that might lead to a change in their political attitudes and behaviour (see Pew Research Center 2020). Indeed, net of time-related (period and cohort) effects, a significant negative effect of age on party switching has been reported for the Netherlands between 1971 and 2010 (Dassonneville 2013). Thus, we will test whether:

Hypothesis 1A: *Young people turn out to vote to a lesser extent than older people*
and

Hypothesis 1B: *Young people are a more volatile subset than older people in terms of party switching.*

We will first check if we really observe a greater probability among young people to change their main issues of concern as compared to older age groups. This could help understand why young people are more volatile in terms of turnout and party switching. Apart from this reasoning connected to our first set of hypotheses, we propose to zoom further into the explanatory role of changing issue salience. Salience refers to 'the degree to which a person is passionately concerned about and personally invested in an attitude' (Krosnick 1990: 60). In other words, salience designates the importance of issues, particularly for voters (Wlezien 2005). As James Dennison notes, 'in spite of the increased use of issue salience in recent years, with impressive explanatory results, the concept of issue salience remains underspecified and, at times, contradictory and ... its antecedents remain relatively unknown' (2019: 436). Salient issues are important drivers of the decision to vote and the specific vote orientation, but issue salience is also important because large proportions of people can accurately perceive the differences between the parties on the issues that were salient to them (RePass 1971). Moreover, as Catherine De Vries and Sara Hobolt argue, voters choose challenger parties 'on the basis of high appropriability issues and motivated by antiestablishment considerations' (2020: 183). According to the issue-ownership theory of voting (Budge and Farlie 1983; Lefevere et al. 2015; Petrocik 1996), voters will cast a ballot for the party that is the most credible proponent of a particular issue (Bélanger and Meguid 2008; Neundorff and Adams 2018). By way of example, through individual-level analyses of vote choices in the 1997 and 2000 Canadian federal elections, the effect of issue ownership on vote choice was found to be ultimately conditioned by the perceived salience of the issue in question (Bélanger and Meguid 2008). In sum, we focus on issue-specific mechanisms because, depending on the issue at stake – however it was made salient, we only capture if issue saliency has changed, not why – and the part of the electorate concerned with that particular issue, the impact of increased concern on volatility might differ.

Looking at the change in the political space in its economic and cultural dimensions, a general distinction has been made between materialist and postmaterialist values and issues (Inglehart 1977), which arguably conflate left-right and libertarian-authoritarian values (Grasso and Giugni 2019). Materialist people

tend to be preoccupied with satisfying immediate physiological needs (Inglehart 1977; Inglehart and Catterberg 2002). Indeed, concern for materialist issues such as the state of the economy, unemployment, inequality, inflation or government debt is likely to be connected to (perceived) personal affectedness (Singer 2011). While the economy is often the most important issue in an election, it is even more likely to dominate other issues of concern in contexts of high volatility (Singer 2011). In line with recent research on political protest (Grasso and Giugni 2016; Kurer et al. 2019; Portos 2021), one would expect citizens who perceive a deterioration in their economic prospects and who experience feelings of relative deprivation to become more worried about material issues. These citizens will seek to voice socioeconomic grievances and anxieties by increasing their political participation and turning out to vote. As the economic voting literature argues, voters hold the government accountable for the state of the economy; indeed, 'the citizen votes for the government if the economy is doing all right; otherwise, the vote is against' (Lewis-Beck and Stegmaier 2000: 183). Not only do sociotropic retrospective economic evaluations influence vote choice (Lewis-Beck and Stegmaier 2000, 2019), but recent evidence suggests that voters may turn against parties that have introduced austerity measures and similar policies (Bojar et al. 2022). In sum, a higher salience of economic issues should lead to higher volatility. Thus, we will test whether:

Hypothesis 2A: *An increase in the salience of materialist issues increases electoral turnout*

and

Hypothesis 2B: *An increase in the salience of materialist issues increases volatility in terms of party choice.*

While traditional social movements focused on issues of labour, 'new social movements' emerged in the 1960s around concerns such as women's liberation and environmental protection (Della Porta and Diani 2020). As these movements declined in the 1970s, increasing support for environmental issues did not, which eventually led to the emergence of Green parties (Müller-Rommel 1998). Changes in postmaterialist values lie behind these shifts in Western party systems, electoral behaviour and broader political conflict structures, with the emergence of Green parties in (Western) Europe in the 1980s as well as the recent climate protests being a case in point (de Moor et al. 2020; Zamponi et al. 2022). Connected to the politicization of issues such as crime, law and order, immigration and terrorism, another issue is the resurgence of the radical right in many countries. For the case of Israel, Claude Berrebi and Esteban Klor (2006, 2008) have shown that terror attacks and, consequently, the issue salience of terrorism resulted in electoral success for the right. Similar effects have been shown for Turkey (Aytaç and Çarkoğlu 2021). Based on Eurobarometer survey data, another study confirms that terror attacks also pushed voters towards right-wing preferences in 12 European Union countries (Economou and Kollias 2015).

Likewise, the salience of immigration as a contested topic in public debates contributes to explaining the success of right-wing parties (Dennison and Geddes

2019). Dennison (2020: 398) argues that the salience of immigration as an issue plays into ‘economic competition, cultural backlash, and political demography’ – factors that are commonly used to explain the success of right-wing populist milieus. It is important to emphasize that the reason for this electoral success is not an increase in anti-immigrant sentiment or even (increasing) immigration itself, but rather the effect of the salience of the topic (Dennison and Geddes 2019). The far-right Alternative for Germany, for example, capitalized on this issue particularly among right-wing non-voters but also even among non-voters from the whole spectrum, potentially including supporters of other parties (De Vries and Hobolt 2020: 219f.). In sum, increasing salience of these issues may appeal to additional voters (e.g. from climate strikes) and open up opportunities for small parties to capitalize on. Therefore, we will test whether:

Hypothesis 3A: *An increase in postmaterial issue salience – that is, concern for climate, immigration and terrorism issues – increases electoral turnout*

and

Hypothesis 3B: *An increase in postmaterial issue salience – that is, concern for climate, immigration and terrorism issues – increases volatility in terms of party choice.*

Data and operationalization

In the framework of a large collaborative research project, EURYKA, we built a representative panel survey that includes nine European countries, namely France, Germany, Greece, Italy, Poland, Spain, Sweden, Switzerland and the United Kingdom.³ At the European level, these nine countries cover a lot of variation in terms of regional scope (east/west, north/south), economic performance (especially after the Great Recession), political culture and developments. These data have two unique features. First, this is a sample that is representative of the general population in each country: a specialized polling agency collected the data ad hoc through administered online panels using balanced country quotas in terms of sex, age, region and education level to match national population statistics (EURYKA 2018).⁴ According to Kevin Kiley and Stephen Vaisey (2020), attitude change – and forecasted vote – with panel data is more likely to occur for younger people, variables related to public opinion, and for exceptionally salient issues. The EURYKA panel survey data are likely to account for this high figure for electoral volatility, also providing an excellent resource with which to closely examine to what extent these flows are determined by shifting issue salience. Second, it is a panel study with the first wave conducted during 2018 and the second wave approximately 12 months later (Figures A1–A2 in the Online Appendix). In total, 7,240 respondents have been interviewed in the two panel waves (for the country distribution of respondents, see Figure A3, Online Appendix).

To build the main dependent variable, we use prospective voting information as a key indicator of electoral volatility and turnout. First, we ask, ‘If there were a general election in your country tomorrow, would you vote?’ (‘I would probably vote’ = 1; ‘I would probably not vote’ = 0; ‘I am not eligible to vote’ is recoded as missing).

On average, 86% of respondents in Wave 1 declared they would turn out to vote, and 87% did so in Wave 2. Prospective turnout change varied across countries, decreasing by 2% in the United Kingdom and increasing by 4% in Spain and Greece (see Figure 1, top). Second, in order to measure party switching, we ask ‘for which party?’ Overall, we provide information on eight parties with the highest vote intention for each of the nine countries, plus the options ‘other’ and ‘don’t know’. Since we are only interested in overall change, not in the specific shift of

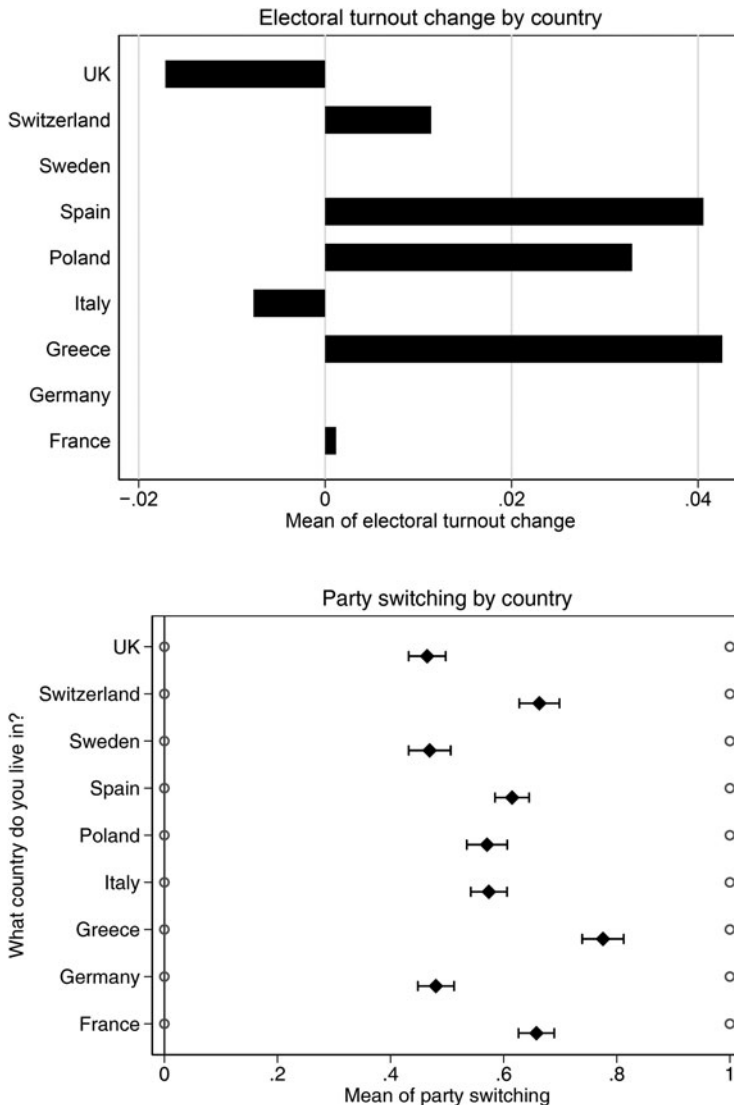


Figure 1. Individual Average Change in Prospective Electoral Turnout across Waves by Country (top) and Mean Value of Party Switching by Country (bottom)

votes, we create a dummy variable depending on whether the person has changed their vote intention across the two waves between the 10 categories. We observe an average party switching of 57% between the two waves, with the UK (46%) and Greece (76%) reporting the minimum and maximum values, respectively (see [Figure 1](#), bottom). In other words, 4,155 of 7,240 interviewed persons in the nine European countries covered throughout declared that they had changed their party preferences between 2018 and 2019. To mitigate for the limitations of our measurement – namely that prospective information is not a good indicator of volatility, national elections take place at different times in different countries, and our indicators refer to national elections – we replicate our results with retrospective (for Wave 1)/prospective (for Wave 2) electoral turnout and party-switching information at the former/forthcoming European Parliament elections, as well as with party attachment (see [Figure A13](#), Online Appendix).⁵

Our key predictor is constructed from the question, ‘Personally, what are the two most important issues for you at the moment?’ The phrasing deliberately focuses on the individual level – thus overcoming the problem of confusing the importance of issues and the degree to which issues are a problem at the national level (Wlezien 2005). We consider concern for six issues (out of 17 possible items),⁶ namely unemployment, inflation, the economic situation, immigration, climate and terrorism. These items were picked on the basis of two criteria: on the theoretical level, they are representative of the material-economic and postmaterial-cultural issue dimensions, respectively; moreover, empirically we found statistically significant variation in these items between the panel waves (see [Figures A4–A5](#), Online Appendix) but almost negligible variation in the other items. Overall, we observe fluctuations in issue concerns, with three of the issues in Wave 1 (unemployment, terrorism and immigration) decreasing their salience in Wave 2; conversely, concern over the economic situation, inflation and climate increased between panel waves. Note that these trends are uneven across countries, with concerns over the economy increasing, particularly in Italy and France, concerns over immigration increasing (instead of decreasing) in Greece and Spain, and concerns over terrorism decreasing, especially in the United Kingdom (see [Figure 2](#)).

Next to change in main issues of concern, we are interested in the age group to which the respondents belongs. We employ this as an ordinal variable (1 = 18–24, 2 = 25–34, 3 = 35–49, 4 = 50–64, 5 = 65+ years old) and keep it invariant across time. Obviously, age varies across time, but not at a different rate between individuals.⁷ Regarding variation across age groups, [Figure 3](#) shows that, overall, the younger cohorts do not change their main concerns more frequently – for instance, average change of concern is –0.003 among 18–24 year-olds and –0.010 among the oldest age group. While unemployment (climate) concern dramatically decreased (increased) among the youngest adults, terrorism and immigration concerns strongly decreased their salience among the +65 year-old subset. We will study below whether age and changing concerns interact in accounting for volatility.

In order to strengthen our arguments against alternative explanations, we use standard controls both in individual propensity to vote and party-switching bodies of literature. First, we know that different sociodemographic characteristics explain variations in turnout and party preferences (Blais 2000; Dassonneville 2013; Wolfinger and Rosenstone 1980), such as level of education, sex and urban/rural

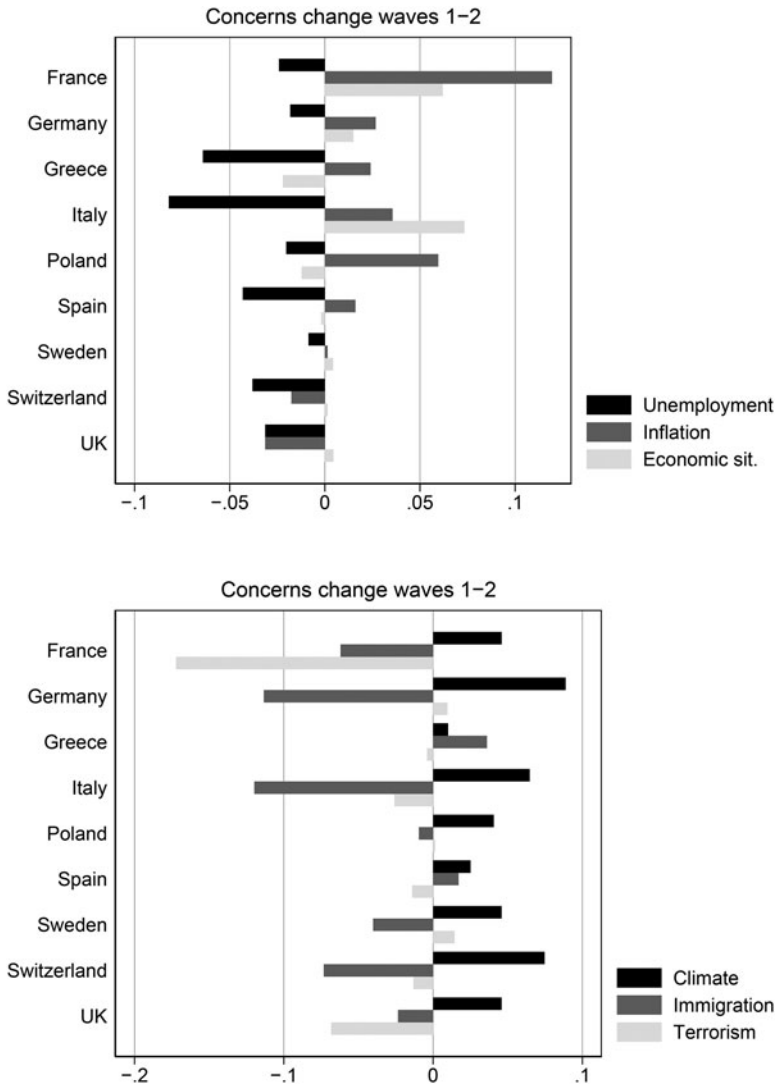


Figure 2. Individual Average Change in Choosing Unemployment, Inflation and Economic Situation as Main Concerns by Country (top); Individual Average Change in Choosing Climate, Immigration and Terrorism as Main Concerns by Country (bottom)

residence. We use a three-point ordinal scale for education – primary, secondary and higher education. A dummy variable measures the respondent's sex assigned at birth (1 = female; 0 = male).⁸ Sex is, like age group, treated as a time-invariant indicator in the panel regression models reported throughout. Since urban citizens might be more likely to turn out to vote and switch party preferences (Gimpel et al. 2020; McKee 2008), we also control for the urban–rural cleavage through a 1–5 scale that best describes the area in which the respondent lives (1 = 'big city';

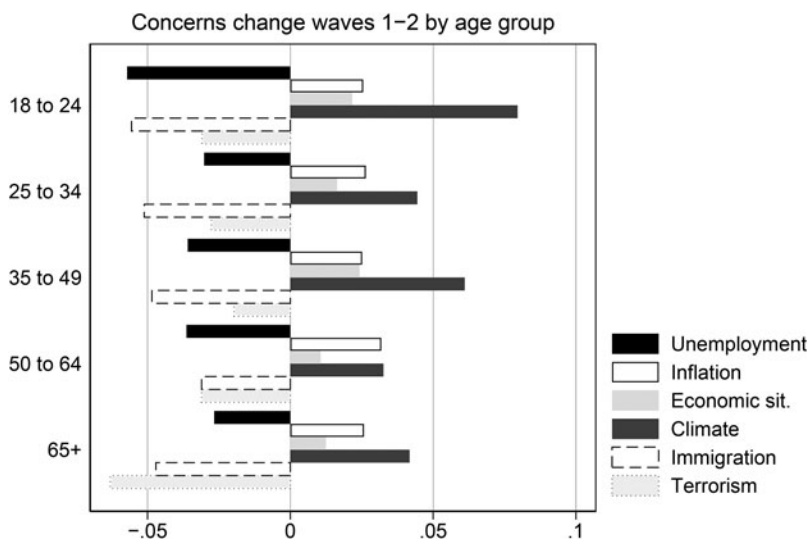


Figure 3. Individual Average Change in Choosing Unemployment, Inflation, Economic Situation, Climate, Immigration and Terrorism as Main Concerns by Age Group

2 = ‘suburbs or outskirts of a big city’; 3 = ‘town or small city’; 4 = ‘country village’; 5 = ‘farm or home in the countryside’). The experience of economic strain is captured through perceived relative deprivation, specifically if the respondent acknowledges that they have ‘experienced real financial difficulties (e.g. could not afford food, rent, electricity) in the past 12 months’ or not.

Besides sociodemographic factors, we also consider change in political values and social capital, which are usual determinants in research on electoral turnout/abstention and party switching (see, e.g. Dassonneville and Dejaeghere 2014; Dassonneville and Stiers 2018; Pattie and Johnston 1998; Portos et al. 2020). Left–right ideology is measured through a self-placement scale that ranges from 0 (= left) to 10 (= right). As an indicator of political sophistication, we also measure how often the respondent gets political information through various media sources.⁹ To account for social capital, we include information on how often the respondent has ‘met socially with friends not living in [his/her] household’ during the past month (1 = almost every day; 2 = every week; 3 = once or twice a month; 4 = less than once a month) and how many social media accounts the respondent has.¹⁰ Descriptive statistics of the variables used throughout are reported in Table 1.

Results and discussion

To test our hypotheses, we fit several logit panel regression models with random effects so that we can keep time-invariant age (and sex). While in Model 1 we study to what extent shifts in our material–economic and postmaterial–cultural concern variables account for variation in electoral turnout (both time-variant and time-invariant), sociodemographic controls are included in Model 2 (Table 2). In Model 3 (Table 2) we add controls related to political values and social

Table 1. Summary Statistics of Individual-Level Predictors and Controls in Wave 1 and 2

	Wave 1		Wave 2		N	Min.	Max.
	Mean	S.D.	Mean	S.D.			
Electoral turnout	0.86	0.35	0.87	0.35	7,119	0	1
Party switching			0.58	0.49	7,240	0	1
Concerns: unemployment	0.11	0.31	0.11	0.31	7,240	0	1
Concerns: inflation	0.16	0.37	0.18	0.37	7,240	0	1
Concerns: economic situation	0.12	0.33	0.15	0.33	7,240	0	1
Concerns: immigration	0.23	0.42	0.18	0.42	7,240	0	1
Concerns: climate	0.08	0.26	0.07	0.26	7,240	0	1
Concerns: terrorism	0.12	0.32	0.08	0.32	7,240	0	1
Education	2.11	0.75	2.12	0.75	7,240	1	3
Urban–rural	2.46	1.15	2.41	1.15	7,240	1	5
Deprivation	0.25	0.43	0.24	0.43	7,240	0	1
Left–right	4.91	2.39	4.90	2.39	7,240	0	10
Political news	5.35	2.21	5.51	2.31	7,240	2	10
Meeting friends	2.56	0.94	2.57	0.94	7,240	1	4
Social media	2.15	1.44	2.15	1.42	7,240	0	6
Age group (static)	2.81	1.35			7,240	1	5
Gender (female) (static)	0.50	0.50			7,240	0	1

capital. Models 4, 5 and 6 replicate specifications 1, 2 and 3, replacing change in electoral turnout with party switching as the dependent variable (Table 2). We also include country fixed effects in all models to account for the specific (institutional, historical and cultural) characteristics of each country that may correlate with changes in prospective turnout and volatility in terms of party preferences. Table A1 in the Online Appendix reports a correlation matrix of predictors and control variables. We replicate Table 2 with country fixed effects to test for within-individual variation, removing the time-invariant controls (Table A2, Online Appendix); we also replace the dependent variables with retrospective/prospective turnout and party switching in the European Parliament elections and changing party attachment in Table A3 in the Online Appendix.

Overall, empirical support for our issue-salience hypotheses is mixed (Table 2; Figure 4; Tables A2–A3 and Figure A14, Online Appendix). While concern over unemployment has a negative effect on party switching, concern over inflation undermines constant party preferences – these effects are not large in substantive terms (Figures A7, A9, A14 and A16, Online Appendix). Moreover, salience of other postmaterial issues like immigration and terrorism decreases party switching, but the positive effect reported for climate is strong, significant and robust (Figures A7, A9, A16 and A17, Online Appendix). In contrast, increased salience of

Table 2. Panel Logit Regression Models with Random Effects

	Model 1		Model 2		Model 3		Model 4		Model 5		Model 6	
	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.	Coeff.	S.E.
Concerns: unemployment	−0.14	0.13	−0.02	0.13	0.01	0.13	−0.20***	0.05	−0.25***	0.05	−0.26***	0.05
Concerns: inflation	−0.16	0.14	−0.07	0.14	0.06	0.14	0.28***	0.06	0.24***	0.06	0.22***	0.06
Concerns: economic situation	0.06	0.13	0.06	0.13	0.07	0.13	0.05	0.05	0.05	0.05	0.05	0.05
Concerns: immigration	0.45**	0.13	0.42**	0.13	0.41**	0.14	−0.36***	0.05	−0.35***	0.05	−0.36***	0.05
Concerns: climate	0.55**	0.18	0.57**	0.18	0.52**	0.18	0.32***	0.06	0.32***	0.06	0.33***	0.06
Concerns: terrorism	−0.09	0.16	−0.04	0.16	−0.06	0.16	−0.35***	0.07	−0.38***	0.07	−0.37***	0.07
Education			0.58***	0.07	0.34***	0.08			−0.10***	0.03	−0.06*	0.03
Urban–rural			0.03	0.05	0.11*	0.05			−0.04*	0.03	−0.05**	0.02
Deprivation			−0.54***	0.11	−0.70***	0.11			0.09*	0.07	0.11*	0.04
Left–right					0.03	0.02					0.00	0.01
Political news					0.49***	0.03					−0.06***	0.01
Meeting friends					0.19***	0.06					−0.01***	0.02
Social media					0.24***	0.04					−0.04**	0.01
Age group (static)			0.51***	0.05	0.46***	0.06			−0.14***	0.02	−0.13***	0.02
Gender (female) (static)			−0.33**	0.12	0.07	0.12			0.18***	0.04	0.13***	0.04
Constant	3.86***	0.20	1.34***	0.33	−1.88***	0.40	−0.63***	0.06	−0.02***	0.11	0.34*	0.14
N	14,236		14,236		14,236		14,480		14,480		14,480	
Country dummies	Yes		Yes		Yes		Yes		Yes		Yes	

Notes: Dependent variable: electoral turnout (Models 1, 2 and 3) and party switching (Models 4, 5 and 6). ° $p < 0.10$, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. Coefficients are log odds.

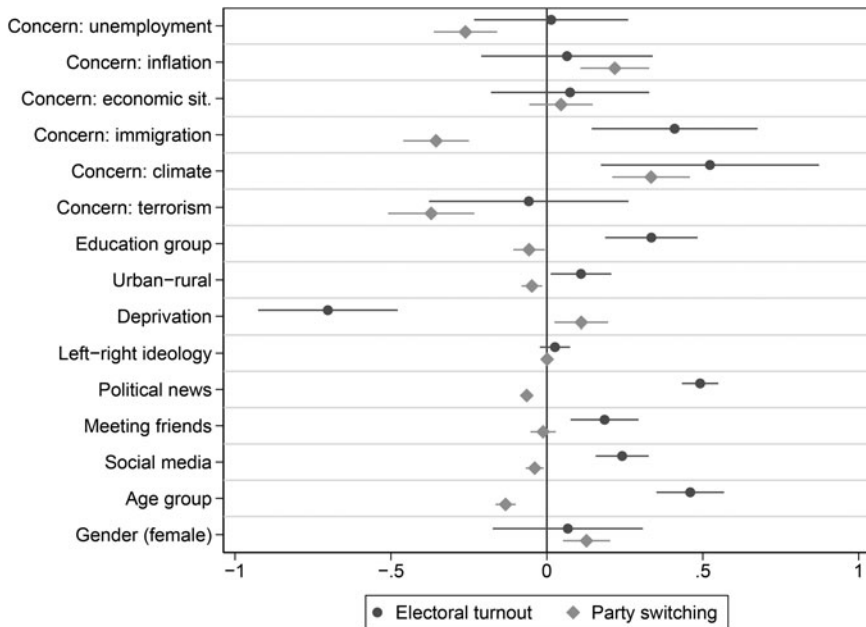


Figure 4. Plot of Coefficients from a Logit Panel Regression with Random Effects (with Age Group, Sex and Country Dummies as Time-Invariant Variables)

Notes: From Models 3 and 6, Table 2. Country dummies are not plotted but are included in the model specification. Dependent variable: electoral turnout/party switching.

economic and materialist issues among respondents does not increase electoral turnout (Figure 4; Figures A6, A8, A14 and A15, Online Appendix). In sum, we observe asymmetric effects of issue concerns on volatility: whereas H2A must be rejected, H3A is (partially) confirmed as we find some support for the effect of postmaterialist issue salience on electoral turnout. Empirical evidence is mixed for H2B and H3B: while it is confirmed that inflation and climate concerns are positively associated with party switching, the opposite holds for other issues like unemployment, immigration and terrorism.

In terms of age, our results confirm our expectations: young people are less likely to vote but they are more likely to change their electoral choices (H1A and H1B, see Table 2; Figure 4; Table A2 and Figure A14, Online Appendix). We find not only that young people engage to a low extent through formal mechanisms of participation (Blais et al. 2004; Dalton 2009) but also that party loyalties and attachments are less stable among the younger cohorts. It has been noted that young people were overrepresented among protesters against precarious work and racism (Cini et al. 2022; Della Porta 2019). A recent study found that parties with strong ties to civil society organizations have a more stable voter base (Martin et al. 2022). Our findings, too, imply that politicization of the above-mentioned issues does trigger electoral turnout, but it also crystallizes party preferences: at least to a qualified extent, citizens participate based upon previously existing issue alignments. Respondents concerned with immigration or unemployment will feel urged to turn out to vote for parties 'owning' these issues.

Indeed, research on the supply side of electoral participation could help us interpret our results: we know that organizational settings and strategies tend to be rather slow to change because parties often choose to maintain their reputational advantage and focus on their historically strong issues (Aragonès et al. 2015). The stronger and more established the party's reputation on key (material) issues is, the less competitive the election becomes and therefore the less likely it is that the party will try to 'steal' the issue from its opponents (Aragonès et al. 2015). Hence, if voters are more concerned about materialist topics, it does not seem to have a clear impact on volatility. This could be explained by the fact that fears and anxieties over material conditions and accompanying emotions (stress, social isolation and feelings of alienation) often trigger not political participation but apathy (Schaub 2021). Citizens who become increasingly concerned over material issues such as unemployment opt for resignation, embracing risk-averse options and staying with parties that 'own' relevant issues, thus reinforcing previously existing preferences and allegiances (economic stability on the right and social justice on the left). This would mean that we see less party switching. The salience of inflation seems to be the exception here, as concerns over generalized rises in prices seem to foster indignation, further undermining traditional party allegiances.

As already suggested, the activation of new groups of voters around postmaterialist concerns could stand behind the mobilizing potential of these issues. For instance, the climate emergency and the subsequent campaigns of the Fridays for Future and Extinction Rebellion movements or the hundreds of deaths in the Mediterranean in recent years following the 2015 long summer of migration have led to mass movements across European countries (BBC News 2020). The politicization of issues such as climate or immigration could push people to cast a vote, but these effects are not robust to model specifications with fixed effects. However, two different patterns can follow pre-established party choices, which can be explained by the two above-mentioned mechanisms. On the one hand, the increased salience of immigration and terrorism activates fears and anxieties, rarely leading people to the risky choice of changing party preferences, a factor that might in turn help mobilize the electoral potential of existing postmaterialist cleavages. But this mechanism does not operate in the same way for all groups of the population: among those who are concerned about immigration, younger cohorts are much more likely to switch party preferences than older people in order to give voice to this pressing concern (Table A4 and Figure A12, Online Appendix).¹¹ Similarly, people worried about the climate are more likely to switch party preferences, as indignation with the way this issue was handled by the previous electoral choice prevails.

Besides the hypotheses related to issue salience and age, we also find significant asymmetric effects of other control variables on volatility (Table 2; Figure 4). In line with the extant literature, increasing one's level of education, meeting more often with friends, social media presence and following political news are positively associated with electoral turnout. Conversely, these controls have a negative impact on the propensity to change voters' partisan choices. However, these effects are not always robust (Tables A2, A3 and A4 and Figure A14, Online Appendix). In addition, being a woman is associated with increased willingness to change party preferences. Crucially, experiencing real financial difficulties hinders

electoral turnout but seems to facilitate party switching (see Giugni and Grasso 2019). Hence, socioeconomic grievances depress participation but, among those who turn out to vote, experiences of deprivation facilitate the break with party loyalties to give a political voice to personal financial hardship and meagre circumstances – again this effect does not meet all robustness checks (Tables A2, A3, A4 and Figure A14, Online Appendix).

Conclusion

In this article we set out to investigate specific individual-level drivers of electoral volatility across nine European countries with panel survey data. We tested whether changing issue salience among voters leads to altered party choice and change of turnout. Recent economic crises, the climate emergency as well as migration and subsequent anti-racist protest against official migration policy could be driving volatility, especially among young voters. Our findings corroborate that issue salience is relevant, although the hypotheses derived from the literature receive only partial support. In this respect, we provide important insights into the mechanisms of volatility.

We can conclude that increased salience of materialist issues does not lead to higher turnout. While there was reason to believe that grievances and frustration with economic policies increase turnout, an experience of deprivation suppresses voting. Moreover, increasing postmaterialist issue salience increases electoral turnout, as we can observe from the Fridays for Future demonstrations and the success of Green parties among young voters. However, an increase of salience of postmaterialist issues has a mixed impact on volatility in terms of party switching. Parties that own these issues tend to benefit from increasing salience, leading to higher turnout and, in turn, we observe a decrease in volatility. We can find examples for this development on the political right, where extremist parties are successfully ‘owning’ migration issues, and on the left where social-democratic parties are able to stabilize their voter base against the general likelihood of changing party preferences. This is in line with prior evidence showing how unemployed and labour market outsiders prefer parties that give priority to social protection and welfare, thus voting ‘with their wallet, not with their guts’ (Negri 2019). Lastly, we confirm that young people generally turn out to vote to a lesser extent than older people and are also more volatile in terms of party switching compared to older people. Whether this is a finding connected to generational or age effects, we cannot conclusively determine here, but we can rule out interpretations based on young people changing issues of concern more frequently than older cohorts in light of pressing societal challenges.

Our study has a few limitations: first, while our study takes a big step by using actual panel data, the time span covered is short and consists of two waves only. Second, we do not have actual voting data at hand. Such cross-national panel data – if it were available in the future – would make the study of actual voting behaviour possible, going beyond party attachment, voting recalls and intentions. Third, as some studies have demonstrated, party identification shapes policy preferences (Franklin 1984). Accordingly, a change in party priorities could make people more aware about certain (materialistic or postmaterialistic) issues, and

thus reverse causality is a possibility we cannot conclusively rule out. Moreover, we cannot determine why the change of issue salience occurs. Certainly, however, issue salience emerges and is transmitted through the media. The existing literature (e.g. Statham and Trenz 2013) gives us reason to believe that combining such a panel study with the analysis of issue salience in the public sphere would further increase the complexity and explanatory power of the mechanisms investigated here.

We leave it to future studies, moreover, to investigate how diverging news-consumption patterns between the young and the old, the well-off and the precarious, feed into patterns of issue salience and how this could explain polarization and volatility in contemporary societies. While we may assume based on socialization theory that young people will develop more stable voting preferences as they grow older, it is also possible that we will see further increasing volatility in the future based on the pluralization and diversification of modern societies.

What our findings suggest, therefore, is that parties fare better if they stick to ‘their’ issues and benefit from increasing salience of those issues they own. This corroborates the findings in the literature, according to which it is not so much the voters that are responsible for the instability of contemporary party systems, but the fact that parties ignore visible and important cleavages that are still in place. Indeed, for some time political parties have been found to be more and more oriented towards the mean voter, leading to further erosion of their core electorates (Dassonneville 2018). While the pluralization of lifestyles may have already made the electorate more volatile, ignoring this pluralization along with the reinforcement as well as diversification of existing cleavages – visible in changing issue salience – is likely to further undermine party attachment. Having said this, parties cannot put aside the pressing issues of the day, such as skyrocketing inflation or record temperatures and fires associated with global warming, which invite party change.¹² Moreover, young people should not be regarded as ideologically arbitrary and as changing their main issues of concern much more frequently. Rather, young people follow existing divides, are as moved by increased issue salience as older cohorts, and tend to follow and stick to those parties they believe are fit to deliver on these issues. This also opens the potential future of more stable party attachments – if parties choose to focus on those issues that their electorates find most important.

Supplementary material. The supplementary material for this article can be found at <https://doi.org/10.1017/gov.2022.49>.

Acknowledgements. Earlier versions of this article have been presented at the EURYKA Final Conference (Brussels, 2020) and the 27th and 28th International Conference of Europeanists (online, 2021; Lisbon, 2022). We are grateful to participants in these events, and especially Björn Bremer, James Dennison and Piotr Zagorski for helpful feedback. We also thank the editors of *Government and Opposition* and three anonymous reviewers for their comments and suggestions. Finally, we are also grateful to Lorenzo Bosi, Marco Giugni, Maria Grasso and Christian Lahusen for their help and support throughout.

Financial support. This work has received funding from the European Union’s Horizon 2020 research and innovation programme under Grant Agreement No. 727025. Martín Portos also acknowledges support from the Conex-Plus Marie Curie framework (G.A. No. 801538).

Notes

- 1 Some research has noted that volatility might indicate contrasting political preferences across generations: 'the generational renewal of the electorate may, thus, lead to sustained changes in election results even if voters did not change their choice at all' (Gómez 2018: 175). However, generational replacement (1) cannot be gauged at the individual level, but it is observed at the party or party system levels; (2) can be – in its effect, not its reasoning – subsumed to the former two mechanisms: young people may switch or show different patterns of participation compared to older people who are no longer able to vote (see Dassonneville 2013; Gómez 2018).
- 2 There are other sources of volatility than those discussed here, e.g. not being allowed to vote because the individual was abroad or party-supply reconfiguration (parties collapsing, merging, splitting etc.).
- 3 See <https://www.unige.ch/sciences-societe/euryka/home/>.
- 4 While 27,446 individuals participated in Wave 1, the panel survey had a smaller scope. The attrition rate was 73.62%, corrected via weights and refreshments. No significant deviations have been found in terms of sociodemographic information and political socialization between respondents in the first wave and the panel pool (EURYKA 2018).
- 5 The question reads as follows: 'Which of the following parties do you feel closest to?' The same options as in prospective voting at the next national election are listed.
- 6 The options were: (a) inequality, (b) corruption, (c) unemployment, (d) economic situation, (e) rising prices/inflation, (f) government debt, (g) health and social security, (h) crime, (i) taxation, (j) pensions, (k) the education system, (l) immigration, (m) housing, (n) the environment, (o) climate and energy issues, (p) terrorism and (q) other.
- 7 Treating it as time variant does not change the main results in any significant way.
- 8 The question reads as follows: 'What sex were you assigned at birth, on your birth certificate?' As the correlation between sex and gender identification is almost perfect (Pearson's $r = 0.99$), we shall use them interchangeably throughout.
- 9 The items read as follows: 'read the politics section of the newspaper'; 'watch political news on TV'; 'listen to political news on the radio'; 'look for political information on the internet'. All of them were measured in five-point scales, ranging from 'never' to 'every day'. As the level of correlation between the items was moderate to high (Pearson's $r > 0.41$), we ran a principal component analysis, which offered a solution with one single component's eigenvalue above the 1.00 threshold (eigenvalue = 2.37; it accounts for 59.22% of the total variance). We created a summated weighted scale that meets the reliability threshold. See Table 1.
- 10 The items read as follows: 'Which of the following social media accounts do you have? [Select all that apply] (a) Facebook; (b) Instagram; (c) Twitter; (d) YouTube; (e) SnapChat; (f) other (please specify)'. See Table 1.
- 11 The moderation relationship between age groups and issue concerns on volatility is largely insignificant (Table A4, Online Appendix; Figures A10–A11, Online Appendix).
- 12 The annual growth rate of inflation for OECD countries is 9.6% on average (OECD 2022). See Kirk et al. (2022).

References

- Abou-Chadi T, Green-Pedersen C and Mortensen PB (2020) Parties' Policy Adjustments in Response to Changes in Issue Saliency. *West European Politics* 43(4), 749–771. <https://doi.org/10.1080/01402382.2019.1609296>.
- Alwin D and Krosnick J (1991) Aging, Cohorts, and the Stability of Sociopolitical Orientations over the Life Span. *American Journal of Sociology* 97(1), 169–195. <https://doi.org/10.1086/229744>.
- Aragonès E, Castanheira M and Giani M (2015) Electoral Competition through Issue Selection. *American Journal of Political Science* 59(1), 71–90. <https://doi.org/10.1111/ajps.12120>.
- Aytaç SE and Çarkoğlu A (2021) Terror Attacks, Issue Saliency, and Party Competence: Diagnosing Shifting Vote Preferences in a Panel Study. *Party Politics* 27(4), 755–766. <https://doi.org/10.1177/1354068819890060>.
- BBC News (2020) Hundreds of Migrants Still Dying in Med Five Years since 2015. BBC, 1 September, www.bbc.co.uk/news/world-europe-53764449.
- Beck U (2001) *Individualization: Institutionalized Individualism and Its Social and Political Consequences*. London: SAGE Publications.

- Bélanger É and Meguid BM** (2008) Issue Salience, Issue Ownership, and Issue-Based Vote Choice. *Electoral Studies* 27(3), 477–491. <https://doi.org/10.1016/j.electstud.2008.01.001>.
- Berrebi C and Klor EF** (2006) On Terrorism and Electoral Outcomes: Theory and Evidence from the Israeli–Palestinian Conflict. *Journal of Conflict Resolution* 50(6), 899–925. <https://doi.org/10.1177/0022002706293673>.
- Berrebi C and Klor EF** (2008) Are Voters Sensitive to Terrorism? Direct Evidence from the Israeli Electorate. *American Political Science Review* 102(3), 279–301. <https://doi.org/10.1017/S0003055408080246>.
- Blais A** (2000) *To Vote or Not to Vote? The Merits and Limits of Rational Choice*. Pittsburgh: University of Pittsburgh Press.
- Blais A, Gidengil E and Nevitte N** (2004) Where Does Turnout Decline Come From? *European Journal of Political Research* 43, 221–236. <https://doi.org/10.1111/j.1475-6765.2004.00152.x>.
- Bojar A, Bremer B, Kriesi H and Wang C** (2022) The Effect of Austerity Packages on Government Popularity during the Great Recession. *British Journal of Political Science* 52(1), 181–199. <https://doi.org/10.1017/S0007123420000472>.
- Boyd RW** (1985) Electoral Change in the United States and Great Britain. *British Journal of Political Science* 15(4), 517–528. <https://doi.org/10.1007/BF01002099>.
- Budge I and Farlie D** (1983) *Explaining and Predicting Elections: Issue Effects and Party Strategies in Twenty-Three Democracies*. London and Boston: Allen & Unwin.
- Chiaramonte A and Emanuele V** (2017) Party System Volatility, Regeneration and De-Institutionalisation in Western Europe (1945–2015). *Party Politics* 23(4), 376–388. <https://doi.org/10.1177/1354068815601330>.
- Cini L, Maccarrone V and Tassinari A** (2022) With or Without U(Nions)? Understanding the Diversity of Gig Workers' Organizing Practices in Italy and the UK. *European Journal of Industrial Relations* 28(3), 341–362. <https://doi.org/10.1177/09596801211052531>.
- Dalton RJ** (2009) *The Good Citizen: How a Younger Generation Is Reshaping American Politics*. Washington, DC: CQ Press.
- Dalton RJ, McAllister I and Wattenberg M** (2000) The Consequences of Partisan Dealignment. In Dalton RJ and Wattenberg MP (eds), *Parties without Partisans: Political Change in Advanced Industrial Democracies*. Oxford: Oxford University Press, pp. 37–63.
- Dassonneville R** (2013) Questioning Generational Replacement: An Age, Period and Cohort Analysis of Electoral Volatility in the Netherlands, 1971–2010. *Electoral Studies* 32(1), 37–47. <https://doi.org/10.1016/j.electstud.2012.09.004>.
- Dassonneville R** (2018) Electoral Volatility and Parties' Ideological Responsiveness. *European Journal of Political Research* 57, 808–828. <https://doi.org/10.1111/1475-6765.12262>.
- Dassonneville R and Dejaeghere Y** (2014) Bridging the Ideological Space: A Cross-National Analysis of the Distance of Party Switching. *European Journal of Political Research* 53(3), 580–599. <https://doi.org/10.1111/1475-6765.12049>.
- Dassonneville R and Stiers D** (2018) Electoral Volatility in Belgium (2009–2014): Is There a Difference between Stable and Volatile Voters? *Acta Politica* 53, 68–97. <https://doi.org/10.1057/s41269-016-0038-5>.
- Della Porta D** (2019) Deconstructing Generations in Movements: Introduction. *American Behavioral Scientist* 63(10), 1407–1426. <https://doi.org/10.1177/0002764219831739>.
- Della Porta D and Diani M** (2020) *Social Movements: An Introduction*. Malden: Wiley-Blackwell.
- de Moor J, Uba K, Wahlström M, Wennerhag M and de Vydt M (eds)** (2020) Protest for a Future II: Composition, Mobilization and Motives of the Participants in Fridays for Future Climate Protests on 20–27 September, 2019, in 19 Cities around the World. OSF Project, https://osf.io/asruw/?fbclid=IwAR0N0uOHF_qV1KGY_2W0lJ2r3tXRCrzClq6K9_kRapmhsJzVraHvRt_es.
- Dennison J** (2019) A Review of Public Issue Salience: Concepts, Determinants and Effects on Voting. *Political Studies Review* 17(4), 436–446. <https://doi.org/10.1177/1478929918819264>.
- Dennison J** (2020) How Issue Salience Explains the Rise of the Populist Right in Western Europe. *International Journal of Public Opinion Research* 32(3), 397–420. <https://doi.org/10.1093/ijpor/edz022>.
- Dennison J and Geddes A** (2019) A Rising Tide? The Salience of Immigration and the Rise of Anti-Immigration Political Parties in Western Europe. *Political Quarterly* 90, 107–116. <https://doi.org/10.1111/1467-923X.12620>.
- De Vries CE and Hobolt SB** (2020) *Political Entrepreneurs: The Rise of Challenger Parties in Europe*. Princeton: Princeton University Press.

- Earl J, Maher TV and Elliott T (2017) Youth, Activism and Social Movements. *Sociology Compass* 11(4), e12465. <https://doi.org/10.1111/soc4.12465>.
- Economou A and Kollias C (2015) Terrorism and Political Selfplacement in European Union Countries. *Peace Economics, Peace Science and Public Policy* 21(2), 217–238. <https://doi.org/10.1515/peps-2014-0036>.
- Emanuele V, Chiaramonte A and Soare S (2020) Does the Iron Curtain Still Exist? The Convergence in Electoral Volatility between Eastern and Western Europe. *Government and Opposition: An International Journal of Comparative Politics* 55(2), 308–326. <https://doi.org/10.1017/gov.2018.25>.
- EURYKA (2018) Reinventing Democracy in Europe: Youth Doing Politics in Times of Increasing Inequalities Panel Survey Analysis (Deliverable 4.2). https://www.unige.ch/sciences-societe/euryka/application/files/3915/8046/7680/EURYKA_D4.2.pdf.
- Franklin CH (1984) Issue Preferences, Socialization, and the Evolution of Party Identification. *American Journal of Political Science* 28(3), 459–478. <https://doi.org/10.2307/1957569>.
- Franklin MN (2004) *Voter Turnout and the Dynamics of Electoral Competition in Established Democracies since 1945*. Cambridge: Cambridge University Press.
- Geers S and Strömbäck J (2019) Patterns of Intra-Election Volatility: The Impact of Political Knowledge. *Journal of Elections, Public Opinion and Parties* 29(3), 361–380. <https://doi.org/10.1080/17457289.2018.1531010>.
- Gimpel JG, Lovin N, Moy B and Reeves A (2020) The Urban–Rural Gulf in American Political Behavior. *Political Behavior* 42, 1343–1368. <https://doi.org/10.1007/s11109-020-09601-w>.
- Giugni M and Grasso MT (2019) Blame and Contention: How Perceptions of the Government's Role in the Economic Crisis Shape Patterns of Political Action. *Acta Politica* 54, 346–370. <https://doi.org/10.1057/s41269-017-0073-x>.
- Gómez R (2018) 'People Are Running, But Where Are They Heading?' Disentangling the Sources of Electoral Volatility. *Comparative European Politics* 16, 171–197. <https://doi.org/10.1057/cep.2015.22>.
- Grasso MT (2016) *Generations, Political Participation and Social Change in Western Europe*. London: Routledge.
- Grasso MT and Giugni M (2016) Protest Participation and Economic Crisis: The Conditioning Role of Political Opportunities. *European Journal of Political Research* 55, 663–680. <https://doi.org/10.1111/1475-6765.12153>.
- Grasso MT and Giugni M (2019) Political Values and Extra-Institutional Political Participation: The Impact of Economic Redistributive and Social Libertarian Preferences on Protest Behaviour. *International Political Science Review* 40(4), 470–485. <https://doi.org/10.1177/0192512118780425>.
- Inglehart R (1977) *The Silent Revolution: Changing Values and Political Styles among Western Publics*. Princeton: Princeton University Press.
- Inglehart R and Catterberg G (2002) Trends in Political Action: The Developmental Trend and the Post-Honeymoon Decline. *International Journal of Comparative Sociology* 43, 300–316. <https://doi.org/10.1177/002071520204300305>.
- Kiley K and Vaisey S (2020) Measuring Stability and Change in Personal Culture Using Panel Data. *American Sociological Review* 85(3), 477–506. <https://doi.org/10.1177/0003122420921538>.
- Kirk A, Blood D and Gutiérrez P (2022) Europe's Record Summer of Heat and Fires – Visualised. *Guardian*, 26 July, www.theguardian.com/environment/ng-interactive/2022/jul/26/how-europe-has-been-hit-by-record-fire-damage-and-temperatures.
- Koopmans R and Muis J (2009) The Rise of Right-Wing Populist Pim Fortuyn in the Netherlands: A Discursive Opportunity Approach. *European Journal of Political Research* 48(5), 642–664. <https://doi.org/10.1111/j.1475-6765.2009.00846.x>.
- Krosnick J (1990) Government Policy and Citizen Passion: A Study of Issue Publics in Contemporary America. *Political Behavior* 12(1), 59–92. <https://www.jstor.org/stable/586285>.
- Kurer T, Häusermann S, Wüest B and Enggist M (2019) Economic Grievances and Political Protest. *European Journal of Political Research* 58, 866–892. <https://doi.org/10.1111/1475-6765.12318>.
- Lachat R (2007) *A Heterogeneous Electorate: Political Sophistication, Predisposition Strength, and the Voting Decision Process*. Baden-Baden: Nomos.
- Lazarsfeld PF, Berelson B and Gaudet H (1948) *The People's Choice: How the Voter Makes Up His Mind in a Presidential Campaign*. New York: Columbia University Press.

- Lefevere J, Tresch A and Walgrave S (2015) Introduction: Issue Ownership. *West European Politics* 38(4), 755–760. <https://doi.org/10.1080/01402382.2015.1039375>.
- Lewis-Beck MS and Stegmaier M (2000) Economic Determinants of Electoral Outcomes. *Annual Review of Political Science* 3, 183–219. <https://doi.org/10.1146/annurev.polisci.3.1.183>.
- Lewis-Beck MS and Stegmaier M (2019) Economic Voting. In Congleton RD, Grofman B and Voigt S (eds), *The Oxford Handbook of Public Choice*. Oxford: Oxford University Press, pp. 247–265.
- Mair P (2008) Electoral Volatility and the Dutch Party System: A Comparative Perspective. *Acta Politica* 43, 235–253. <https://doi.org/10.1057/ap.2008.1>.
- Mair P and van Biezen I (2001) Party Membership in Twenty European Democracies, 1980–2000. *Party Politics* 7, 5–21. <https://doi.org/10.1177/1354068801007001001>.
- Martin N, de Lange S and van der Brug W (2022) Holding on to Voters in Volatile Times: Bonding Voters through Party Links with Civil Society. *Party Politics* 28(2), 354–364. <https://doi.org/10.1177/1354068820980304>.
- McKee S (2008) Rural Voters and the Polarization of American Presidential Elections. *PS: Political Science and Politics* 41(1), 101–108. <https://www.jstor.org/stable/20452117>.
- Müller-Rommel F (1998) Explaining the Electoral Success of Green Parties: A Cross-National Analysis. *Environmental Politics* 7(4), 145–154. <https://doi.org/10.1080/09644019808414428>.
- Negri F (2019) Economic or Cultural Backlash? Rethinking Outsiders' Voting Behavior. *Electoral Studies* 59, 158–163. <https://doi.org/10.1016/j.electstud.2019.02.009>.
- Neundorff A and Adams J (2018) The Micro-Foundations of Party Competition and Issue Ownership: The Reciprocal Effects of Citizens' Issue Salience and Party Attachments. *British Journal of Political Science* 48(2), 385–406. <https://doi.org/10.1017/S0007123415000642>.
- Niemi R and Klingler J (2012) The Development of Political Attitudes and Behaviour among Young Adults. *Australian Journal of Political Science* 47(1), 31–54. <https://doi.org/10.1080/10361146.2011.643167>.
- Niemi R and Sobieszek B (1977) Political Socialization. *Annual Review of Sociology* 3, 209–233. <https://doi.org/10.1146/annurev.so.03.080177.001233>.
- OECD (2022) Inflation (CPI) (Indicator). <https://doi.org/10.1787/eee82e6e-en>.
- Pattie C and Johnston R (1998) Voter Turnout at the British General Election of 1992: Rational Choice, Social Standing or Political Efficacy? *European Journal of Political Research* 33, 263–283. <https://doi.org/10.1023/A:1006854900327>.
- Pedersen MN (1979) The Dynamics of European Party Systems: Changing Patterns of Electoral Volatility. *European Journal of Political Research* 7, 1–26. <https://doi.org/10.1111/j.1475-6765.1979.tb01267.x>.
- Petrocik JR (1996) Issue Ownership in Presidential Elections, with a 1980 Case Study. *American Journal of Political Science* 40(3), 825. <https://doi.org/10.2307/2111797>.
- Pew Research Center (2020) Voters Rarely Switch Parties, but Recent Shifts Further Educational, Racial Divergence. August 2020, www.pewresearch.org/politics/2020/08/04/voters-rarely-switch-parties-but-recent-shifts-further-educational-racial-divergence/.
- Portos M (2021) *Grievances and Public Protests: Political Mobilisation in Spain in the Age of Austerity*. Cham: Palgrave Macmillan.
- Portos M, Bosi L and Zamponi L (2020) Life beyond the Ballot Box: The Political Participation and Non-Participation of Electoral Abstainers. *European Societies* 22(2), 231–265. <https://doi.org/10.1080/14616696.2019.1610785>.
- Rekker R, Keijsers L, Branje S and Meeus W (2019) The Formation of Party Preference in Adolescence and Early Adulthood: How and When Does It Occur in the Multiparty Context of the Netherlands? *Young* 27(1), 48–68. <https://doi.org/10.1177/1103308818757037>.
- RePass D (1971) Issue Salience and Party Choice. *American Political Science Review* 65(2), 389–400. <https://doi.org/10.2307/1954456>.
- Schaub M (2021) Acute Financial Hardship and Voter Turnout: Theory and Evidence from the Sequence of Bank Working Days. *American Political Science Review* 115(4), 1258–1274. <https://doi.org/10.1017/S0003055421000551>.
- Seeberg HB (2020) Issue Ownership Attack: How a Political Party Can Counteract a Rival's Issue Ownership. *West European Politics* 43(4), 772–794. <https://doi.org/10.1080/01402382.2019.1625242>.

- Singer MM** (2011) Who Says 'It's the Economy'? Cross-National and Cross-Individual Variation in the Salience of Economic Performance. *Comparative Political Studies* 44(3), 284–312. <https://doi.org/10.1177/0010414010384371>.
- Spoon J-J and Klüver H** (2019) Party Convergence and Vote Switching: Explaining Mainstream Party Decline across Europe. *European Journal of Political Research* 58, 1–22. <https://doi.org/10.1111/1475-6765.12331>.
- Statham P and Trenz H-J** (2013) *The Politicization of Europe: Contesting the Constitution in the Mass Media*. Abingdon: Routledge.
- Tavits M** (2008) On the Linkage between Electoral Volatility and Party System Instability in Central and Eastern Europe. *European Journal of Political Research* 47, 537–555. <https://doi.org/10.1111/j.1475-6765.2008.00782.x>.
- Taylor M, Watts J and Bartlett J** (2019) Climate Crisis: 6 Million People Join Latest Wave of Global Protests. *Guardian*, 27 September, www.theguardian.com/environment/2019/sep/27/climate-crisis-6-million-people-join-latest-wave-of-worldwide-protests.
- van Biezen I, Mair P and Poguntke T** (2012) Going, Going, ... Gone? The Decline of Party Membership in Contemporary Europe. *European Journal of Political Research* 51, 24–56. <https://doi.org/10.1111/j.1475-6765.2011.01995.x>.
- Voogd R and Dassonneville R** (2020) Are the Supporters of Populist Parties Loyal Voters? Dissatisfaction and Stable Voting for Populist Parties. *Government and Opposition: An International Journal of Comparative Politics* 55(3), 349–370. <https://doi.org/10.1017/gov.2018.24>.
- Wahlström M, Kocyba P, De Vydt M and de Moor J** (2019) *Protest for a Future: Composition, Mobilization and Motives of the Participants in Fridays For Future Climate Protests on 15 March, 2019 in 13 European Cities*. www.protestinstitute.eu.
- Waldholz R** (2019) 'Green Wave' vs Right-Wing Populism: Europe Faces Climate Policy Polarisation. *Clean Energy Wire*, 27 May, www.cleanenergywire.org/news/green-wave-vs-right-wing-populism-europe-faces-climate-policy-polarisation.
- Wlezien C** (2005) On the Salience of Political Issues: The Problem with 'Most Important Problem'. *Electoral Studies* 24(4), 555–579. <https://doi.org/10.1016/j.electstud.2005.01.009>.
- Wolfinger RE and Rosenstone SJ** (1980) *Who Votes?* New Haven, CT: Yale University Press.
- Zamponi L, Baukloh AC, Bertuzzi N, Chironi D, Della Porta D and Portos M** (2022) (Water) Bottles and (Street) Barricades: The Politicization of Lifestyle-Centred Action in Youth Climate Strike Participation. *Journal of Youth Studies* 25(6), 854–875. <https://doi.org/10.1080/13676261.2022.2060730>.
- Zelle C** (1995) Social Dealignment versus Political Frustration: Contrasting Explanations of the Floating Vote in Germany. *European Journal of Political Research* 27(3), 319–345. <https://doi.org/10.1111/j.1475-6765.1995.tb00473.x>.
- Zukin C, Keeter S, Andolina M, Jenkins K and Delli Carpini MX** (2006) *A New Engagement? Political Participation, Civic Life, and the Changing American Citizen*. Oxford: Oxford University Press.