

RESEARCH NOTE

# How transnational party alliances influence national parties' policies\*

Roman Senninger<sup>1\*</sup> , Daniel Bischof<sup>2</sup> and Lawrence Ezrow<sup>3</sup>

<sup>1</sup>Department of Political Science, Aarhus University, Aarhus, Denmark, <sup>2</sup>Department of Political Science, University of Zurich, Zurich, Switzerland and <sup>3</sup>Department of Government, University of Essex, Colchester, United Kingdom

\*Corresponding author. Email: [rsenninger@ps.au.dk](mailto:rsenninger@ps.au.dk)

(Received 29 October 2019; revised 26 May 2020; accepted 21 July 2020)

## Abstract

Previous research reports that parties in established European democracies learn from and emulate the successful election strategies of foreign incumbents, i.e., successful parties are influential abroad. We theorize that—in addition to incumbency (or success)—exchange takes place through transnational party alliances in the European Union. Relying on party manifesto data and spatial econometric analyses, we show that belonging to the same European Parliament (EP) party group enhances learning and emulation processes between national political parties. Estimated short- and long-term effects are approximately two and three times greater when foreign incumbents are in the same EP party group compared to other foreign incumbents. Our results have implications for our understanding of how transnational party groups influence national parties' policy positions.

**Keywords:** Political Parties; Policy Diffusion; European Parliament; Spatial methods

## 1. Introduction

Anecdotal evidence suggests that domestic political parties learn from and emulate foreign parties—a process that has been labeled “party policy diffusion”. A few examples include Tony Blair’s “New Labour” drawing inspiration from Clinton’s “New Democrat” campaign, the Danish Conservatives taking cues from the UK Conservative Party under Thatcher, and more recently, the German party *Die Linke* adopting policies from the Greek government party *Syriza*. Research on party competition generally focuses on domestic factors driving party behavior, such as public opinion (see e.g., Adams *et al.*, 2006), rival parties (see e.g., Meguid, 2005), voter transitions (Abou-Chadi and Stoetzer, 2020), and economic conditions (De Vries and Solaz, 2019), and more recent studies suggest that political parties emulate and learn from successful foreign parties as well (Böhmelt *et al.*, 2016, 2017).

However, while the central finding of Böhmelt *et al.* (2016, 2017) that parties respond to foreign incumbent parties is important, the mechanism through which party policy diffusion occurs remains incomplete. Below we present theoretical and empirical arguments that exchanges between transnational party alliances in the European Parliament (EP) enhance party policy diffusion. The findings are important because they have implications for political representation and parties' election strategies. More specifically, they emphasize the role of transnational party

\*We are thankful for comments by three reviewers, the editor in charge Anja Neundorf, Tarik Abou-Chadi, Tobias Böhmelt, Patricia Calca, Nils Düpont, Noam Gidron, Fabrizio Gilardi, Roni Lehrer, and Arjan Schakal. Previous versions of this paper have been presented at Aarhus University, University of Mannheim, University of Zurich, and MPSA 2019. We are thankful for all comments shared by the audience at these seminars. Replication files are published in the Political Science Research and Methods Dataverse (<https://doi.org/10.7910/DVN/3FPTQT>)

alliances and (more generally) the European Union (EU) in explaining how the left-right policies of domestic political parties are influenced by foreign political parties.

## 2. The role of transnational party alliances

On first glance, the account that parties copy foreign incumbents as a heuristic to cope with uncertainty seems reasonable. But there is a large pool of foreign incumbents from which political parties could potentially learn, which suggests that there is considerable information to process in order for copying from foreign incumbents to occur. Surprisingly, recent studies do not find that domestic parties learn from and emulate foreign incumbent parties of the same party family. Peculiarly, this (non-)finding is at odds with findings in the literature on policy diffusion suggesting that governments are influenced by domestic and foreign governments—particularly from similar ideological camps (see e.g., Shipan and Volden, 2008; Gilardi, 2010). Furthermore, it goes against the anecdotal evidence that actually motivates current research on party policy diffusion.

We consider influential research about political parties in the EU (Marsh and Norris, 1997; Hix, 2002) to theorize that party policy diffusion takes place through transnational party alliances at the EU level which are composed of representatives from national parties and provide an arena for inter-party exchange. Transnational party alliances have a special role in facilitating contact between national party representatives. They organize congresses and conferences which bring together prime ministers and party leaders to agree political strategies and resolutions.

Most centrally, transnational party representation in Europe takes place through the party groups in the EP which have huge potential to facilitate party policy diffusion (Wolkenstein *et al.*, 2020). Since the EP is one of the EU's co-legislators (together with the Council of the EU) a key task of party groups in the EP is to build and coordinate political majorities on legislation. To this end, groups generally convene during “Group week” in Brussels where they prepare the upcoming plenary agenda. In addition, they also meet in Strasbourg during plenary week to (de-)brief parliamentary sittings. While the purpose of these meetings clearly serves the goal of having smooth and informed parliamentary processes, they are also used for, “[...] *development of Group positions on major political issues or debates or broader political strategy, and for receiving visiting delegations or leaders of national parties or other personalities*” [emph. added] (Corbett *et al.*, 2011, 117).

Hence, meetings of transnational EP party groups go way beyond the work in the EP. They organize their own political activities which form an important channel of communication between national parties, as groups frequently welcome representatives from national parties, including ministers and front-bench parliamentarians. In addition, they often send delegations to national parties, organize seminars and conferences with national parties, and they publish brochures, studies, and newsletters aimed in part at national parties. A striking recent example is a meeting of the European Liberal Forum in April 2018 which brought together top-level representatives from liberal parties belonging to the EP party group ALDE “*with the aim to equip politicians and staff members from liberal parties across Europe with concrete arguments and strategies on how to counter populist and nationalistic tendencies*” [emph. added] (European Liberal Forum, 2018).

Representatives to the EP participating in events and meetings organized by the transnational EP party groups have regular contact to the national party and contribute to the position-taking of the national party just like parties' national parliamentary delegations and other factions (Gauja, 2013; Greene and O'Brien, 2016; Senninger and Bischof, 2018; Ceron, 2019).

EP party groups are not the only form of transnational party cooperation at the EU level. There are also European Parties (“Europarties”) that are organized outside of the EP, but these are weak and depend almost entirely on the EP groups for funding and organizational staff (Kreppel, 2002). As a result, we suggest that transnational party policy diffusion is channeled

through EP party groups and not Europarties. Belonging to transnational party groups in the EP also differs from belonging to party families because relations between parties in EP party groups are highly institutionalized and more active, and membership does not perfectly overlap, i.e., parties in the same party family do not automatically belong to the same EP party group. Therefore, EU membership, success in European elections, and strategic decisions about membership make transnational party alliances in the EP a much more important category for understanding party policy diffusion than party family.

In sum, institutionalized transnational party alliances in the EP provide a channel through which parties observe, learn, and evaluate the successful election strategies of foreign incumbents:

*Transnational Party Group Hypothesis:* Political parties respond to the left-right policy position of foreign incumbents that recently belonged to the same EP party group more than to other foreign incumbents.

### 3. Research design

To test our hypothesis, we use time-series cross-sectional data from Böhmelt *et al.* (2016) that include 215 political parties from 26 Western European democracies for the time period from 1977 to 2010.<sup>1</sup> The unit of analysis is a party-year.

To measure party's left-right position, we rely on the Comparative Manifesto Project data (MARPOR) (Volkens *et al.*, 2014), which provide a measure of each party's general left-right placement (RILE). The original MARPOR variable ranges from -100 (extreme left) to +100 (extreme right). We use a linearly rescaled version of the response variable that ranges from 1 (extreme left) to 10 (extreme right). As information from MARPOR codes only election years, values from years between elections are missing. Therefore, each party's position between election years is assigned its value at the last election.<sup>2</sup>

Using party's left-right placement as our dependent variable we estimate spatio-temporal autoregressive models of the following form:

$$y_{it} = \phi y_{it-1} + \beta \mathbf{x}_{it-1} + \rho \mathbf{W} y_{ie-1} + \lambda_i + \tau_t + \epsilon_{it} \quad (1)$$

where  $y_{it}$  is the dependent variable (RILE Party Position) for party  $i$  at time  $t$ ,  $y_{it-1}$  signifies the (one year) temporally lagged dependent variable (Lagged RILE Party Position),  $\mathbf{x}_{it-1}$  is a vector of temporally lagged control variables as described in Böhmelt *et al.* (2016),  $\lambda_i$  and  $\tau_t$  are party and year-fixed effects respectively, and  $\epsilon$  is the error term.

$\mathbf{W} y_{ie-1}$  is then the spatial lag variable that is the product of a spatial weights matrix  $\mathbf{W}$  ( $N \times N \times T$ ) that captures the relative connectivity of units  $w_{ik}$  and a matrix ( $N \times T$ ) of the time-lagged dependent variable of other units  $k$ . The time lag is constructed such that it considers positions of parties in the year before the last election held in their country.<sup>3</sup> The approach considers that drafting manifestos is a "time-consuming process [...] which typically takes place over a two-three year period during which party-affiliated research departments and committees draft sections of this manuscript, which are then circulated for revisions and approval upward to party elites and downward to activists" (Adams and Somer-Topcu, 2009: 832).

<sup>1</sup>These data cover EU member states from 1977 onwards, with additional data becoming available with the accession of new member states, and are also available for a few non-member states. Please consult Section G in the Supplementary Information for a list of all parties.

<sup>2</sup>Our results are robust to alternative approaches in which party positions between elections are interpolated using linear and spline interpolation (see Tables S6 and S7).

<sup>3</sup>To illustrate this lag structure, assume that the political parties competing in the 2002 Dutch national election looked to the party position of the incumbent UK Labour Party. The previous inter-election period in the UK was 1997–2001. Thus, given our assumptions, Dutch parties relied on the 1997 Labour party position.

As described above, our decision to use a time-lagged spatial lag variable is theoretically motivated. However, under certain assumptions, the approach also helps to avoid simultaneity bias of spatial ordinary least squares (S-OLS) (Beck *et al.*, 2006; Franzese and Hays, 2008b; Franzese *et al.*, 2016). A central assumption is that interdependence does not occur instantaneously which in our study is probable due to the time-consuming process of drafting manifestos. In addition, parties' actions do not depend on foreign parties' expected actions. Instead parties are backward-looking (i.e., they look to what foreign incumbents have done in the past), again implying non-instantaneous interdependence.<sup>4</sup>

Even though the tools to empirically analyze interdependence between units have significantly developed in recent years (Anselin, 1988; Franzese and Hays, 2008a; Darmofal, 2015), challenges for empirical researchers still exist. First, one needs to distinguish interdependence from correlated responses to common shocks. Second, interdependence must be disentangled from temporal dynamics (Franzese and Hays, 2006, 2008b; Plümper and Neumayer, 2010).

We take different measures to reduce the possibility that what appears to be interdependence among political parties is actually the result of common exposure, and temporal dynamics (common trends) are addressed by adding a lagged dependent variable and year fixed effects. Further, party fixed effects hold unobserved variables constant. In addition to the above considerations, we account for public opinion and globalization. Including such relevant non-interdependent (domestic and unit-level, exogenous-external, and context-conditional) explanations is important.<sup>5</sup> Failure to include the variables described above in the model leads to overestimating of the effects of interdependence.

### 3.1 Defining spatial connectivity

Based on our hypothesis, connectivity between our units of analysis is defined by incumbency status of the foreign party (party<sub>k</sub>) and parties' belonging to transnational alliances. The connectivity matrix (*W* Foreign Incumbent: Same party group) of this spatial lag variable is defined so that each element  $W_{i,k,t}$  receives a value of 1 if party<sub>i</sub> and party<sub>k</sub> are not based in the same country, party<sub>i</sub> and party<sub>k</sub> belong to the same EP party group and party<sub>k</sub> was in government (or part of the governing coalition) during the year before the last election in its own system before time  $t$ ; and 0 otherwise. The data on parties' status indicating whether they are recent incumbents or not come from the ParlGov project (Döring and Manow, 2012). Transnational affiliations are obtained from the Euromanifesto project (Braun *et al.*, 2015). The Euromanifesto project covers all parties that gained representation in the EP and issued their own party manifesto (see Section F — Table S14).

To compare results from models that link parties that belong to the same EP party group with results from models that link parties that belong to different groups, we create the following weight matrices. The connectivity matrix (*W* Foreign Incumbent: Different party group) captures links between parties and foreign incumbents that do not belong to the same transnational party alliance but are represented at the EU level. It is defined so that each element  $W_{i,k,t}$  receives a value of 1 if party<sub>i</sub> and party<sub>k</sub> are not based in the same country, party<sub>i</sub> and party<sub>k</sub> belong to different party groups and party<sub>k</sub> was in government (or part of the governing coalition) during the year before the last election in its own system before time  $t$ ; and 0 otherwise. Finally, we created a spatial weights matrix to replicate the main finding by Böhmelt *et al.* (2016). The connectivity matrix (*W* Foreign Incumbent) is defined so that each element  $W_{i,k,t}$  receives a value of 1 if party<sub>i</sub> and party<sub>k</sub> are not based in the same country, and party<sub>k</sub> was in government (or part of the governing coalition) during the year before the last election in its own system before time  $t$ ; and 0 otherwise.

<sup>4</sup>In the appendix, we test for remaining temporal correlation in regression residuals.

<sup>5</sup>In the appendix, we also consider that parties might not respond equally to globalization (see Table S8).

#### 4. Empirical results

Model 1 (without controls) and Model 2 replicate earlier studies that conclude that foreign incumbent parties promote party policy diffusion (Böhmelt *et al.*, 2016). The estimates on the spatial lag variable ( $\rho$  Foreign Incumbent) in our models are similarly positive and statistically significant, which is consistent with these previous findings. The remaining models turn to our hypothesis about the influence of transnational party groups. The spatial lag variable linking parties that belong to the same EP party group ( $\rho$  Foreign Incumbent: Same party group) is positive and statistically significant. The spatial lag variable linking parties that are not in the same EP party group but represented at the EU level ( $\rho$  Foreign Incumbent: Different party group) is positive, smaller in size, and not statistically significant. The spatial weights matrices are not row-standardized (Williams, 2015; Williams *et al.*, 2016), and, consequently, to estimate the short-term effects (i.e., first post-diffusion period effects), the coefficients of the spatial lags are multiplied by the average number of neighbors (Plümper and Neumayer, 2010).<sup>6</sup>

Each political party in the data has 22.29 neighbors, on average, that are foreign incumbents, and only 1.97 neighbors that are foreign incumbents and belong to the same party group. Also, each party has 7.82 neighbors that are foreign incumbents but belong to different party groups. Focusing on our first hypothesis, the short-term effect of foreign incumbents in the same party group is 0.003 (SE = 0.001). It is calculated from its rounded coefficient of 0.002 (Model 4) multiplied by the average number of neighbors. The coefficient size is comparable to findings in other research on party policy diffusion (Böhmelt *et al.*, 2016).

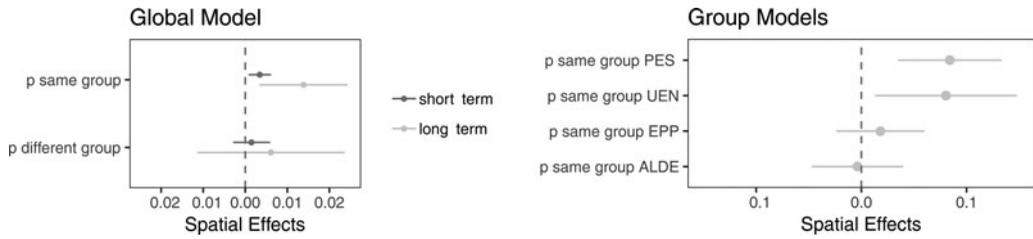
Substantively, a party's left-right policy position would be 0.003 points farther to the right in the short run, if the two foreign incumbents (on average) in the same transnational party group shift one unit to the right, compared to the year before. For the second spatial lag variable (Foreign Incumbent: Different party group), if all foreign incumbents in different transnational party groups (i.e., eight on average) move to the right, the statistically insignificant effect would be 0.001 (SE = 0.002). The difference in the average number of foreign incumbents between the same transnational party group and other transnational party groups is quite large, and the implication of this difference is non-trivial. The fact that the short-term effect of foreign incumbents in the same party group outperforms the short-term effect of foreign incumbents in different party groups underscores the substantive importance of belonging to the same transnational party group: there are fewer parties leading to a greater overall effect on the focal party position.<sup>7</sup>

Since our model includes a temporally lagged variable (Lagged RILE Party Position), the coefficient estimates of the spatial lags only reflect short-term effects in a current year (Whitten *et al.*, 2019). Therefore, we estimate asymptotic long-term effects for our spatial lag variables by considering the coefficient of our temporally lagged dependent variable (Plümper *et al.*, 2005; Plümper and Neumayer, 2010). The asymptotic long-term effects are shown in Figure 1 (left panel).

If the two foreign incumbents in the same party group (on average) switch their left-right position by one, the long-term effect on a party is 0.013 (SE = 0.005) (0.29 units on the original MARPOR scale). If all foreign incumbents in different party groups switch their left-right position by one, the effect on a party is 0.007 (SE = 0.009), and this effect is insignificant. Also, Model 6 includes both spatial lag variables in a multiple spatial lag regression model, and it

<sup>6</sup>Row-standardization imposes the assumption that total exposure to the spatial stimulus is equal for all units  $i$  (Neumayer and Plümper, 2016). We do not feel that this is a justifiable assumption. Without row-standardization, but with all-positive elements, the sign of  $\rho$  is the sign of the contagion, but the size of  $\rho$  cannot be interpreted directly. One reasonable option is to multiply the coefficient  $\rho$  by the average element of the connectivity matrix (Plümper and Neumayer, 2010). The choice to not row standardize in this context is consistent with previous research (Williams, 2015; Williams *et al.*, 2016).

<sup>7</sup>We also compare results to foreign incumbents that are not represented in transnational party groups in the Supplementary Information (Section D and E, Table S5). We also rely on statistical simulation techniques in the Supplementary Information (Section B), and these analyses support our conclusion.



**Figure 1.** Temporal short-term and asymptotic long-term effects if foreign incumbents in the same party group and in different party groups shift their left-right position by one.

*Note:* PES, Social Democrats; EPP, European People’s Party; ALDE, Liberals; UEN, Union for Europe of the Nations. The horizontal bars are 95 percent confidence intervals and the vertical dashed line represents a spatial effect of 0. Estimates in the left panel are based on Models 4 and 5 in Table 1. Estimates in the right panel are based on the models in Table S2.

suggests that belonging to the same party group is a significant predictor of a party’s policy position while belonging to a different party group is not. Model 7 shows results from a model in which the data are updated (1977–2016).

Finally, it might be that how party policy diffusion in the EP occurs varies across party groups. Specifically, Social Democrats should be more inclined to adapt their policies to successful

**Table 1.** Single and multiple spatial lag regression models (S-OLS and MSTAR)

	<i>Dependent variable: RILE party position</i>						
	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6	Model 7
Lagged RILE party position		0.751*** (0.013)		0.749*** (0.013)	0.752*** (0.013)	0.749*** (0.013)	0.743*** (0.012)
Lagged median voter		0.501*** (0.159)		0.453*** (0.158)	0.434*** (0.158)	0.450*** (0.158)	0.203** (0.0.88)
Lagged economic globalization		0.032*** (0.011)		0.029** (0.011)	0.027** (0.011)	0.029** (0.011)	0.010 (0.007)
Lagged median voter* Lagged economic globalization		-0.007*** (0.002)		-0.006*** (0.002)	-0.006*** (0.002)	-0.006*** (0.002)	-0.003** (0.001)
$\rho$ Foreign incumbent	0.004** (0.002)	0.004*** (0.001)					
$\rho$ Foreign incumbent: same party group			0.005*** (0.001)	0.002*** (0.001)		0.002** (0.001)	0.001* (0.001)
$\rho$ Foreign incumbent: different party group					0.0002 (0.0003)	0.0001 (0.0003)	
Constant	4.128*** (0.180)	-1.562* (0.836)	4.391*** (0.152)	-1.100 (0.819)	-1.005 (0.820)	-1.088 (0.820)	0.294 (0.487)
Party fixed effects	✓	✓	✓	✓	✓	✓	✓
Year fixed effects	✓	✓	✓	✓	✓	✓	✓
Observations	2,718	2,718	2,718	2,718	2,718	2,718	3,265
Adjusted $R^2$	0.701	0.877	0.702	0.877	0.876	0.877	0.865
Residual Std. Error	0.505	0.324	0.504	0.324	0.325	0.324	0.342
F statistic	26.629***	77.746***	26.865***	77.642***	77.419***	77.311***	81.972***

*Note:* \* $p < 0.1$ ; \*\* $p < 0.05$ ; \*\*\* $p < 0.01$

incumbent parties of their group as their efforts to exchange internationally is well known in the scholarly debate (Eley, 2002). To estimate heterogeneity across groups, we show long-term effects from four models in which we disaggregate the weight matrices so that only parties *within each EP group* are connected with each other (Section A in the Supplementary Information). We do find a positive effect of EP group belonging across all groups other than the Liberals, which is consistent with the central findings of this study. Interestingly and in line with our priors discussed here, diffusion is strongest amongst parties belonging to the Social Democratic group.<sup>8</sup> In contrast, results for models in which we disaggregated the weight matrix so that all parties from the Social Democratic party family are connected with each other (see Table S3) provide no evidence for party policy diffusion. This underscores the important role of institutionalized party cooperation in the EP.<sup>9</sup> Furthermore, the case of the UEN provides important evidence showing that foreign incumbents can influence the other parties from the same EP group even when the group has no long-standing history of cooperation beyond the EP. The finding is in line with recent studies on radical right and populist parties that emphasize that these parties increasingly collaborate through EP party groups (McDonnell and Werner, 2019).

## 5. Conclusion

Previous research finds that policies diffuse across national boundaries, and that political parties are influenced by foreign incumbent parties. Yet, this finding is at odds with anecdotal evidence about how parties may influence one another through transnational party families. Here, we shed light on the initial non-finding around party family, by showing that belonging to transnational party alliances in the EP provides a direct institutionalized channel for party policy diffusion. In addition, we show that party policy diffusion is particularly pronounced among Social Democratic parties, which suggests that the recent electoral success of the Danish and Spanish Social Democrats will in turn influence the policy platforms of foreign parties that belong to the same EP party group.

**Supplementary material.** The supplementary material for this article can be found at <https://doi.org/10.1017/psrm.2020.55>.

## References

- Abou-Chadi T and Stoetzer LF (2020) How parties react to voter transitions. *American Political Science Review* **114**, 940–945.
- Adams J and Somer-Topcu Z (2009) Policy adjustment by parties in response to rival parties' policy shifts: spatial theory and the dynamics of party competition in twenty-five post-war democracies. *British Journal of Political Science* **39**, 825–846.
- Adams J, Clark M, Ezrow L and Glasgow G (2006) Are niche parties fundamentally different from mainstream parties? The causes and the electoral consequences of Western European parties' policy shifts, 1976–1998. *American Journal of Political Science* **50**, 513–529.
- Anselin L (1988) *Spatial Econometrics: Methods and Models*. Dordrecht: Kluwer.
- Beck N, Gleditsch KS and Beardsley K (2006) Space is more than geography: using spatial econometrics in the study of political economy. *International Studies Quarterly* **50**, 27–44.
- Böhmelt T, Ezrow L, Lehrer R and Ward H (2016) Party policy diffusion. *American Political Science Review* **110**, 397–410.
- Böhmelt T, Ezrow L, Lehrer R, Schleiter P and Ward H (2017) Why dominant governing parties are cross-nationally influential. *International Studies Quarterly* **61**, 749–759.
- Braun D, Schmitt H, Wüst AM, Adrian Popa S, Mikhaylov S and Dwinger F (2015) European parliament election study 1979–2009, Euromanifesto Study. GESIS Data Archive, Cologne. ZA5102 Data file Version 1.1.0.

<sup>8</sup>In the Supplementary Information (Section C), we show that party policy diffusion among Social Democratic Parties is particularly pronounced from the mid-1990s onwards providing evidence for the diffusion of “third way” Social Democratic policies.

<sup>9</sup>We leverage differences in the timing of EU accession to provide evidence for our proposed mechanism of transnational party policy diffusion through EP party groups in the appendix (see section “Interrupted time series analysis”). In addition, we extend our analyses to other dimensions of political conflict (see section “EU, migration, and RILE disaggregation”).

- Ceron A** (2019) *Leaders, Factions and the Game of Intra-Party Politics*. Milton Park: Routledge.
- Corbett R, Jacobs F and Shackleton M** (2011) *The European Parliament*. London: John Harper.
- Darmofal D** (2015) *Spatial Analysis for the Social Sciences*. Cambridge: Cambridge University Press.
- De Vries CE and Solaz H** (2019) Sweeping it under the rug: how government parties deal with deteriorating economic conditions. *Party Politics* **25**, 63–75.
- Döring H and Manow P** (2012) Parliament and government composition database (ParlGov): an infrastructure for empirical information on parties, elections and governments in modern democracies.
- Eley G** (2002) *Forging Democracy: The History of the Left in Europe, 1850–2000*. Oxford: Oxford University Press.
- European Liberal Forum, (ELF)** (2018) *A Liberal European Leadership after 2019*. Stockholm: ELF.
- Franzese RJ and Hays JC** (2006) Strategic interaction among EU governments in active labor market policy-making: subsidiarity and policy coordination under the European employment strategy. *European Union Politics* **7**, 167–189.
- Franzese RJ and Hays JC** (2008a) Empirical Models of Spatial Dependence. In Box-Steffensmeier JM, Brady HE and Collier D (eds), *Oxford Handbook of Political Methodology*. Oxford: Oxford University Press, pp. 570–604.
- Franzese RJ and Hays JC** (2008b) Interdependence in comparative politics—substance, theory, empirics, substance. *Comparative Political Studies* **41**, 742–780.
- Franzese RJ, Hays JC and Cook SJ** (2016) Spatial- and spatiotemporal-autoregressive probit models of interdependent binary outcomes. *Political Science Research and Methods* **4**, 151–173.
- Gauja A** (2013) *The Politics of Party Policy*. London: Palgrave Macmillan.
- Gilardi F** (2010) Who learns from what in policy diffusion processes? *American Journal of Political Science* **54**, 650–666.
- Greene Z and O'Brien DJ** (2016) Diverse parties, diverse agendas? Female politicians and the parliamentary party's role in platform formation. *European Journal of Political Research* **55**, 435–453.
- Hix S** (2002) Parliamentary behavior with two principals: preferences, parties, and voting in the European parliament. *American Journal of Political Science* **46**, 688–698.
- Kreppel A** (2002) *The European Parliament and Supranational Party System*. Cambridge: Cambridge University Press.
- Marsh M and Norris P** (1997) Political representation in the European parliament. *European Journal of Political Research* **32**, 153–164.
- McDonnell D and Werner A** (2019) *International Populism: The Radical Right in the European Parliament*. London: Hurst & Company.
- Meguid BM** (2005) Competition between unequals: the role of mainstream party strategy in niche party success. *American Political Science Review* **99**, 347–359.
- Neumayer E and Plümpert T** (2016) W. *Political Science Research and Methods* **4**, 175–193.
- Plümpert T and Neumayer E** (2010) Model specification in the analysis of spatial dependence. *European Journal of Political Research* **49**, 418–442.
- Plümpert T, Troeger VE and Manow P** (2005) Panel data analysis in comparative politics: linking method to theory. *European Journal of Political Research* **44**, 327–354.
- Senninger R and Bischof D** (2018) Working in unison: political parties and policy issue transfer in the multilevel space. *European Union Politics* **19**, 140–162.
- Shipan CR and Volden C** (2008) The mechanisms of policy diffusion. *American Journal of Political Science* **52**, 840–857.
- Volkens A, Lehmann P, Merz N, Regel S and Werner A** (2014) *The Manifesto Data Collection. Manifesto Project (M R G/C M P/M A R P O R). Version 2014b*. Berlin, Wissenschaftszentrum Berlin für Sozialforschung.
- Whitten GD, Williams LK and Wimpy C** (2019) Interpretation: the final spatial frontier. *Political Science Research & Methods*, 1–17. doi:10.1017/psrm.2019.9.
- Williams LK** (2015) It's all relative: spatial positioning of parties and ideological shifts. *European Journal of Political Research* **54**, 141–159.
- Williams LK, Seki K and Whitten GD** (2016) You've got some explaining to do: the influence of economic conditions and spatial competition on party strategy. *Political Science Research and Methods* **4**, 47–63.
- Wolkenstein F, Senninger R and Bischof D** (2020) Party policy diffusion in the European multilevel space: what it is, how it works, and why it matters. *Journal of Elections, Public Opinion and Parties* **30**, 339–357.