# **Campaign Communication and Legislative Leadership**

#### Stefan Müller

School of Politics and International Relations, University College Dublin, Dublin, Ireland ORCID: 0000-0002-6315-4125

## Naofumi Fujimura

Graduate School of Law, Kobe University, Kobe, Japan ORCID: 0000-0003-3600-5770

Political Science Research and Methods conditionally accepted – pending replication

Version: 14 February 2024

#### **Abstract**

Do policy priorities that candidates emphasize during election campaigns predict their subsequent legislative activities? We study this question by assembling novel data on legislative leadership posts held by Japanese politicians and using a fine-tuned transformer-based machine learning model to classify policy areas in over 46,900 statements from 1,270 candidate manifestos across five elections. We find that a higher emphasis on a policy issue increases the probability of securing a legislative post in the same area. This relationship remains consistent across multiple elections and persists even when accounting for candidates' previous legislative leadership roles. We also discover greater congruence in distributive policy areas. Our findings indicate that campaigns provide meaningful signals of policy priorities.

**Keywords**: congruence; elections; manifestos; legislative behavior; quantitative text analysis

Acknowledgments. We thank Shaun Bowler, Frederik Hjorth, Sarah King, Joseph Lacey, Yen-Chieh Liao, Chiara Valsangiacomo, the editor and anonymous reviewers, and participants at the Annual Conference of the European Political Science Association in Prague, the Politics Research Colloquium at the University of Oxford, the workshop on Election Campaigns and Democratic Norms in Dublin, and the SPIRe Seminar Series at University College Dublin for their comments and improvement suggestions. We are grateful to Yutaka Shinada for sharing digitized candidate manifestos. We would like to thank Daisuke Hakiai, Keiko Higuchi, Momoho Kikukawa, Kana Miyazaki, Tsubasa Nishimura, and Ken Yoshioka for outstanding research assistance.

**Financial Support**. This research was supported by the Grant-in-Aid for Scientific Research from the Japan Society for the Promotion of Science (research project number: 18K01413), the Research Fund from the Quantitative Methods for International Studies Program at Kobe University, and the UCD Ad Astra Start-Up Grant.

**Competing Interests.** The authors declare no competing interests.

### Introduction

Election campaigns are an integral part of democratic representation. During campaigns, candidates present their policy priorities to voters. Voters select political candidates based on their issue positions, promises, and past performance. Candidates express their positions in words, and these positions can shape laws and policy outcomes (Beerbohm, 2016). Many classic theories of representation assume that candidates seek to follow their policy priorities once elected (Riker, 1996; Mansbridge, 2003; Sulkin, 2009). While these theoretical models are normatively appealing, it remains unclear whether they accurately reflect reality. We know little about the congruence between individual candidates' policy priorities during election campaigns and subsequent legislative behavior. This is surprising since the "standard" point of view in many normative theories of political representation is "individualistic", focusing on the voter-candidate (or principal-agent) rather than voter-party relationship (e.g., Manin, 1997; Mansbridge, 2009; Rehfeld, 2006; Urbinati and Warren, 2008; Wolkenstein and Wratil, 2021). Once elected, do politicians prioritize the policies they emphasized during campaigns? Or are the statements made during elections in media appearances, candidate manifestos, leaflets, town hall meetings, and televised debates merely cheap talk?

Existing research on congruence between campaign communication and political actions mostly focuses on political parties, rather than individual candidates. Party positions and issue salience are communicated in party manifestos (e.g., Budge *et al.*, 2001), speeches (e.g., Proksch and Slapin, 2015), press releases (e.g., Gessler and Hunger, 2022), or social media (Sältzer, 2020). Comparing pre-election policy priorities with post-election policy outputs or outcomes sheds light on parties' ability to fulfill pledges. Numerous studies confirm that parties tend to fulfill a substantial portion of their election promises (e.g.,

Costello and Thomson, 2008; Royed, 1996; Louwerse, 2012; Thomson *et al.*, 2017; Zubek and Klüver, 2015). However, in elections, particularly elections using candidate-centered electoral systems, *candidates* propose their own election promises, and candidate characteristics often influence vote choice (Carey and Shugart, 1995; André *et al.*, 2015). Yet, evidence regarding candidates' ability and willingness to work on priorities emphasized during their election campaigns remains scarce.

The predominant focus on parties rather than candidates is primarily due to the lack of comprehensive data at the candidate level. In most countries, parties commonly issue manifestos, while individual candidates typically do not. Consequently, this precludes the use of manifestos for analyzing the specific priorities expressed by individual candidates during election campaigns. Some candidates distribute leaflets (Trumm *et al.*, 2023). Many candidates, though not all, are active on social media (Castanho Silva and Proksch, 2022). Response rates to candidate surveys are often relatively low (Bowler *et al.*, 2020), and anonymized responses cannot be linked to candidates. Only comprehensive and comparable sources detailing politicians' policy priorities during campaigns enable us to juxtapose campaign rhetoric with subsequent actions.

In this paper, we assess the congruence between campaign communication and legislative activities through the analysis of official candidate manifestos and politicians' legislative leadership posts. We focus on the case of Japan, recognized as the longest-lived and most stable democracy in Asia (Lipscy, 2023). Every Japanese candidate contesting in the district tier of national elections publishes short manifestos, which are distributed to all voters in their constituencies (Catalinac, 2016a, 2018; Crisp *et al.*, 2021). These candidate manifestos present a unique opportunity to study the congruence between pre-electoral policy priorities and legislative posts. Every Japanese household receives a printed copy of these

documents via post, with many voters taking their content into consideration when casting their ballots. According to Japanese election studies, between 31% (2005) and 39% (2014) of all respondents noticed the candidate manifestos during the election campaign (Table A1). Securing legislative leadership posts in policy areas emphasized during the campaign would suggest that candidates' pre-electoral priorities are meaningful indicators of their legislative intentions.

We assemble and merge two datasets to test our theoretical expectations. Based on state-of-the-art transformer-based machine learning methods (Devlin *et al.*, 2019; Wankmüller, 2022; Müller and Proksch, 2023), we identify policy emphasis in 48,877 statements from 1,270 candidate manifestos released during five lower house elections in Japan between 2003 and 2014. Afterwards, we combine our new measures of issue emphasis during campaigns with a novel dataset on the legislative posts of Members of Parliament (MPs) from 2003 to 2017.

Our results demonstrate that a higher issue emphasis on a particular policy area in manifestos leads to a statistically and substantively significant increase in the probability that an MP obtains a post in that area. We also detect differences across issue areas. The congruence is higher for *distributive* issue areas, such as Economy, Trade, and Industry, Land, Infrastructure, Transport and Tourism, and Agriculture, Forestry, and Fisheries, than for *public goods* and *high policy* areas like Internal Affairs and Financial Affairs (Pekkanen *et al.*, 2006). Furthermore, a measure of portfolio importance derived from expert surveys reveals weaker relationships for more important policy areas. These results imply that MPs, who focus on constituency-targeted particularistic policies, may strive even harder to secure legislative posts in these areas, possibly to enhance their popularity and re-election chances.

The findings carry important implications for theories of representation, campaign communication, and the congruence between elections and legislative actions. Campaigns act as meaningful indicators of subsequent legislative actions since voters can anticipate the policy areas their representatives will be active in if they elect them. These findings affirm the validity of the mandate model of democracy and contest the cynical yet commonly held belief that politicians disregard their promises (ISSP Research Group, 2018). Moreover, the study contributes to debates about electoral reforms. Many countries have "personalized" their electoral systems, allowing voters to express their preferences not only for parties but also for individual candidates (Renwick and Pilet, 2016). Our findings confirm existing research suggesting that the personalization of electoral systems tends to incentivize candidates to focus on the preferences of their voters (e.g., Zittel *et al.*, 2019; Schürmann and Stier, 2023). Overall, the results emphasize that campaigns function as a crucial democratic mechanism, bridging policy matters between the electoral sphere and the legislative process.

## Theory and Hypotheses

Campaign communication plays a crucial role in the chain of accountability between voters and politicians. Campaigns "open up channels of communication that allow us to hold representatives answerable for their attempts to solicit our trust. If reliable, these channels enable us to elicit commitments that manage the power imbalances built in representative democracy" (Beerbohm, 2016: 382). Vote-seeking MPs face incentives to put their words into action, as the performance of individual MPs can sway voter choice, particularly in candidate-centered electoral systems (Cain *et al.*, 1987; Carey and Shugart, 1995). We posit that MPs develop policy priorities according to the policy interests of voters in the districts where they are elected. In other words, MPs' policy priorities may derive from their voters' interests. This is attributed to the following mechanism: (1) voters vote on the basis of their

evaluation of MPs as well as their evaluation of parties (Cain *et al.*, 1987; Carey and Shugart, 1995); (2) MPs seek to represent the interests of their voters to win elections (Shepsle, 1978; Weingast and Marshall, 1988); and (3) different MPs seek to represent interests in different policy areas because voters' interests vary by district due to demographic differences (Adler and Lipinski, 1997; Raymond and Holt, 2019).

Political theorists, journalists, and many voters doubt that campaigns provide a truthful signal of policy priorities. The cross-national survey by the ISSP Research Group (2018) reveals that only a minority of citizens believe that politicians try to keep their promises. Media coverage of campaign promises tends to focus on broken promises rather than fulfilled ones (Müller, 2020), and political theorists assert that campaign communication may not convey the truth (for a discussion, see Beerbohm, 2016). For example, Manin (1997: 180) states: "[e]ven assuming that voters choose to pay some attention to the candidates' promises, they know, or should know, that the credibility of those promises is an open question. It is not reasonable on their part to suppose that candidates will necessarily honor their commitments." Measuring candidates' pledge fulfillment proves difficult, especially in parliamentary systems. Party unity in legislative voting is usually very high (Sieberer, 2006), making the task of tracking individual legislators' influence on bills quite challenging. In the absence of reliable indicators of candidate-level pledge fulfillment, Sulkin (2009: 1094) investigates the linkage between the content of candidates' televised advertisements and bill introductions as well as co-sponsorship in the US House. Our study follows a similar logic. To be clear, while we cannot measure promise-keeping by candidates in the same way as it is measured at the party level (Thomson et al., 2017; Brouard, 2018), the involvement in lawmaking through leadership posts serves as a signal of legislative action.

One of the most efficient ways for individual MPs to work on their priorities during campaigns is to hold leadership posts. Policy-making authority in governments, legislatures, and parties is delegated to sub-organizations, such as cabinet ministries, legislative committees, and party policymaking organs. In many democracies, leadership posts represent one of the few institutionalized channels for influencing law-making in a specific area. The distributive theory of the U.S. Congress demonstrates that legislators seek to serve on committees relevant to their constituents' interests. By holding committee posts, legislators can represent their constituents' interests and improve their re-election chances (Shepsle and Weingast, 1987; Weingast and Marshall, 1988). The distributive theory has been extended and confirmed in other countries with strong parties beyond the United States, including several European countries and Japan (Fujimura, 2012; Gschwend and Zittel, 2018; Mickler, 2022; Raymond and Holt, 2019; Riera and Cantú, 2018). By holding legislative leadership posts, MPs can participate in policymaking and influence policy in each area. Although the party leadership retains the formal power to allocate legislative posts to MPs, obtaining desired posts necessitates them investing time and effort, such as attending committees regularly and demonstrating their policy expertise to the leadership. Our first hypothesis therefore states that candidates have electoral incentives to take on legislative posts in policy areas that they mentioned more often during their campaign.

**Hypothesis 1**: MPs who focus extensively on a specific policy issue in their campaign are more likely to take on legislative posts in the same policy area once elected.

The second hypothesis addresses how differences in issue areas shape the level of congruence between campaigns and legislative posts. Some policies have particular effects

on a small group of constituents (i.e., distributive policy areas), while others have broad effects on most constituents (i.e., programmatic policy areas). We argue that this difference in the scope and target of policy effects across areas leads to differences in the congruence across areas.

To examine differences across policy areas, it is essential first to classify them. Prior work separates policy areas into distributive and programmatic policy areas, depending on whether policies affect particular or broad constituents (e.g., Catalinac, 2016a, 2016b; Cox and McCubbins, 2007; Primo and Snyder, 2010). Pekkanen *et al.* (2006) and Shugart *et al.* (2021) propose a more fine-grained three-policy classification, further dividing programmatic policy areas into "public goods" and "high policy" areas. We also adopt the three-policy classification, as their classification provides a more nuanced understanding of programmatic policy areas.

According to Shugart *et al.* (2021), distributive policy areas involve benefits that "can be targeted to specific geographical entities" (Shugart *et al.*, 2021: 35). MPs can gain support from constituents in exchange for delivering agricultural or business subsidies to particular sectors and public projects to particular geographic regions. Public goods and high policy areas, in contrast, encompass benefits that affect the entire country and individual MPs are limited in delivering them. Public goods areas involve "diffuse but specific policy benefits for which larger groups of citizens and organized interest groups" such as "healthcare, education, public utilities, and environmental protection" (Shugart *et al.*, 2021: 34–35). High policy areas are "those in which the party leadership is deeply engaged" such as "management of the economy, foreign and defense affairs, and the broad functioning of the

legal and constitutional system" (Shugart et al., 2021: 34). In short, following Pekkanen et al. (2006: 189) and Shugart et al. (2021), we propose that distributive areas comprise construction, transportation, trade and industry, agriculture, local affairs, house budget, and posts and telecommunications; public goods areas comprise environment, science, labor, social affairs, and education; high policy areas comprise finance, foreign affairs, legal affairs, defense, cabinet, and taxation.

We predict a higher degree of congruence between campaigns and leadership posts in distributive areas than in public goods and high policy areas. Individual MPs have greater autonomy and effectiveness in securing distributive benefits. By targeting particular regions or sectors, individual MPs can achieve distributive benefits with relatively limited budgets. Furthermore, the effects of targeted benefits on other constituents are minimal (Cox and McCubbins, 2007: ch 8). For example, distributing subsidies and public works projects to some constituencies has little impact on other constituencies, unless they are enormous projects that could strain national finances. MPs can engage in vote trading in which they gain support for their own benefits from other MPs in exchange for supporting the latter's benefits (Weingast and Marshall, 1988). Consequently, MPs can effectively deliver distributive benefits, such as subsidies or public projects, to their own constituencies by participating in the policymaking process in governments, parliaments, and parties.

Individual MPs play a limited role in achieving public goods and high policy objectives, because governments typically adopt a unified policy applicable to the entire country. For instance, individual MPs face difficulty when attempting to reform a national pension system alone, as the system affects all constituents and thus requires the involvement

-

<sup>&</sup>lt;sup>1</sup> Following Pekkanen *et al.* (2006) and Shugart *et al.* (2021), we use the term "high policy" areas, synonymous with "high politics" areas.

of most MPs. Similarly, their impact on improving relations with other countries is limited when acting alone, as these are national-level issues. In short, we expect MPs to be more likely to follow their campaign priorities in distributive policy areas as opposed to public goods and high policy areas.

**Hypothesis 2:** Congruence between issue emphasis during campaigns and subsequent legislative posts is higher for distributive policy areas than for public goods or high policy areas.

## The Case of Japan

Having derived our testable hypothesis, we turn to the description of our data: candidate manifestos and legislative activities in Japan. Here, we outline the importance of candidate manifestos and describe relevant legislative posts in Japan.

#### Campaign Communication in Japanese Candidate Manifestos

In Japan, every candidate running in the district tier in national elections is required to publish a concise election manifesto. These official documents offer a unique opportunity for scholars to identify MPs' policy positions and their salience on issues during elections (Catalinac, 2016a, 2018). Since 1996, the Japanese lower house has had a combination of Single Member Districts (SMDs) and Proportional Representation (PR). Around 300 members are elected from SMDs, and around 180 candidates are elected from a PR list. Candidates can run for both SMD and PR tiers; those defeated in SMDs have a second chance to be elected from a PR list. Voters have two votes: one for a candidate in an SMD and another for a party in PR. Candidates from major parties run for both tiers, and most aim to win in an SMD (Ariga *et al.*, 2016). SMD systems incentivize candidates to cultivate both

personal and party votes (Carey and Shugart, 1995). Therefore, under the Japanese mixed system of SMDs and PR, candidates are incentivised to develop their personal reputation with voters while also cultivating their party's collective reputation (Horiuchi and Saito, 2003; Krauss and Pekkanen, 2011; Goplerud and Smith, 2023).

Japan's Public Offices Election Law determines that the Election Administration Commission in each prefecture issues an election bulletin containing individual candidates' names, careers, and political views every national election (Article 167). The Commission distributes the bulletins to all households at least two days before an election (Article 170). Candidate election manifestos are essential for candidates to communicate policy areas and provide a comparable source of candidates' campaign communication. In fact, several studies have used candidate manifestos to measure electoral incentives and policy interests in the case of Japan (Catalinac, 2016a, 2016b, 2018; Crisp *et al.*, 2021; Muraoka, 2018; Shinada, 2001, 2011, 2018; Tsutsumi, 1998, 2002, 2013).

## Appointment of Legislative Posts

The Liberal Democratic Party (LDP) has been in power in Japan continuously since 1955, except for brief periods between 1993 and 1994 and 2009 and 2012. Under the LDP government, as in many other countries, policy-making authority in the cabinet, the party, and the Diet is delegated to sub-organizations, such as cabinet ministries, party policy divisions, and Diet committees. MPs who hold leadership posts in these organizations can influence policymaking (Fujimura, 2015; Pekkanen *et al.*, 2006; Tatebayashi, 2004).

The policy-making process in the LDP government starts with a bill drafted by the cabinet.<sup>2</sup> Cabinet-sponsored bills (cabinet bills) account for most enacted bills, although both the cabinet and Diet members can submit bills. The cabinet comprises 12 ministries which play a central role in drafting cabinet bills. Each ministry is headed by a minister (daijin), a senior vice-minister (fuku-daijin), and a vice-minister (daijin-seimukan). Second, the LDP screens cabinet bills before submitting them to the Diet. Fifteen policy divisions in the Policy Research Council (PCR) play a central role in screening bills and influencing their contents. The cabinet cannot submit bills to the Diet without the party's approval. Using this veto power, PRC divisions can force the cabinet to revise drafts of bills in their favor. Three leadership posts – a director (bukaicho), an acting-director (bukaicho-dairi) and a deputy director (fuku-bukaicho) – screen bills in each division. Third, in the Japanese Diet, which adopts a committee-centered system, committees play a substantial role in deliberating bills (Fujimura, 2012). Twelve standing committees organized by policy area (corresponding to the twelve cabinet ministries) have the authority to pass, abandon, or reject bills in each policy area under their jurisdiction. With only a few exceptions, bills that are not voted on or rejected by a committee are not sent to the parent chamber. A chair (iincho) and directors (riji) set the agenda in a committee, including decisions about whether to open a committee meeting, as well as selecting the bills for voting and scheduling when these votes will occur.

Having outlined the relevance of holding legislative posts, we briefly describe the appointment of legislative posts in Japan (see also Nakakita, 2018: 70–81). In the LDP, MPs are required to submit a "request form" indicating the posts that they wish to hold to the party secretary-general every time posts are reshuffled. These posts include cabinet senior vice-

\_

<sup>&</sup>lt;sup>2</sup> The DPJ government, which held power from 2009 to 2012, had a similar bill drafting process in the cabinet and the bill deliberation process in the Diet as those of the LDP. By contrast, the DPJ government did not have a bill screening process in the party like the LDP (Fujimura 2013).

ministers and vice-ministers, Diet committee chairs and directors, and party PRC division directors, acting-directors, and deputy-directors. Based on the requests from MPs, the LDP party secretary-general, the chief cabinet secretary, and ministers determine the appointment of senior vice-ministers and vice-ministers; the LDP secretary-general determines the appointment of Diet committee chairs; the LDP Diet affairs committee chairperson determines the appointment of Diet committee directors; the LDP PRC chairperson determines the appointment of PRC division directors, acting-directors, and deputy-directors. Meanwhile, the influence of intraparty factions on the appointment of legislative posts has significantly waned. In cases where multiple MPs request the same post, government and party leaders prioritize MPs with policy expertise in relevant policy areas. Therefore, legislative posts are a suitable proxy to determine whether MPs seek to deliver on their campaign promises in each policy area, as they represent MPs' intentions to implement policies and their policy expertise in that area.

#### **Data and Measurement**

We combine human coding and transformer-based machine learning classifiers to construct a novel dataset of issue emphasis in Japanese candidate manifestos. We collected all the manifestos of the largest governing party candidates who ran and won a seat in SMDs in lower house elections between 2003 and 2014 (LDP candidates in 2003, 2005, 2012, and 2014 and DPJ candidates in 2009). We then match the emphasis on policy issues with a novel dataset on MPs' legislative posts. Our period of analysis begins with the 2003 election because Diet committees and cabinet ministries were restructured in 2001. Below, we describe the classification procedure, validation, and measurements of legislative priorities.

#### Classifying Issue Importance in Candidate Manifestos

The classification of issue importance in candidates consists of a multi-stage process. Previous studies have analyzed the candidate manifestos using topic models (Catalinac, 2016a) and scaling methods (Catalinac, 2018; Di Tella *et al.*, 2023). While topic models are helpful for exploring a text corpus and unidimensional scaling models can measure candidates' ideological positions, such methods do not suit the purposes of this research question. Since we know the categories of interest in advance (11 policy areas of committees and ministries), a supervised classification trained through human annotation of statements is more appropriate than an ex-post interpretation of unsupervised methods.<sup>3</sup>

The data collection, classification, and aggregation work as follows (see also Figure A3). First, we collect all available manifestos of the largest government party in 2003, 2005, 2009, 2012, and 2014. The average manifesto includes between 30.6 (2005) and 54.8 (2014) statements (Table A6). For comparability, we limit the analysis to members who served for the entire legislative term, excluding MPs who died, resigned, or left the party during the legislative term. After applying this restriction, our analysis considers between 95.6% (2014) and 100% of MPs (2009, 2012) elected in an SMD or those not elected in their SMD but via a PR list. We construct a text corpus of these manifestos and segmented the documents to the level of statements (usually full sentences or items from a bulleted list). We randomly select 60 manifestos and manually segment these documents into statements. We then compare the automated separation based on punctuation characters and bullet points with human segmentation (Figure A4). The number of manifestos statements identified through the

-

<sup>&</sup>lt;sup>3</sup> All pre-processing steps were conducted using the quanteda R package (Benoit *et al.*, 2018). We use *bert-base-japanese* and the HuggingFace Python infrastructure (Wolf *et al.*, 2019) to fine-tune the classifier for the downstream task of annotating policy areas.

automated segmentation correlates very highly with the segmentation of the same set of documents by human coders (r=0.96).

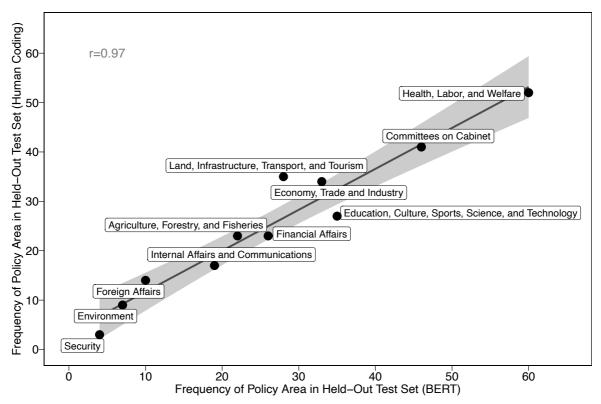
Having validated the segmentation of Japanese manifestos, we turn to the classification of policy areas. The Diet and the cabinet are each divided into 12 policy areas. Our categories in the supervised classification task mirror these policy areas. We also add a *No/Other Policy Area* category.<sup>4</sup> SI Section G includes detailed coding instructions and examples for each policy area. Two trained native speakers conducted various reliability tests. Intercoder reliability reached satisfactory levels (Krippendorff's  $\alpha = 0.84$ ) in the second coding round of 300 statements. Having trained the coders and validated the intercoder reliability, each coder coded 1,500 statements, resulting in a combined sample of annotated 3,000 statements.

We use *bert-base-Japanese*, a BERT (Devlin *et al.*, 2018) model that was initially pretrained on the entire Japanese Wikipedia corpus as of September 2019. We fine-tune the BERT classifier for our prediction task using a randomly sampled training set of 2,000 statements, with an additional 500 statements for evaluation during the fine-tuning process. The remaining 485 statements are then used for out-of-sample predictions. The F1 scores (the harmonic mean of precision and recall) for the BERT classification range from 0.53 for *Committees on Cabinet* to 0.89 for *Agriculture, Forestry, and Fisheries*. The average F1 score across the eleven categories is 0.73. The performance metrics in Table A3 demonstrate that our fine-tuned BERT model substantially outperforms conventional bag-of-words classifiers.

<sup>&</sup>lt;sup>5</sup> We excluded *Judicial Affairs* from the analysis since this policy was almost never mentioned in candidate manifestos, which reduced the number of policy areas in our analysis from 12 to 11 and the sample of hand-coded sample from 2,000 to 1,885 observations.

Moving beyond individual statements as our unit of analysis, we calculate the proportions of each policy area for a separate held-out test set and compare the proportions with human coding of the same set of statements. Figure 1 shows that the aggregated proportions are similar, and the correlation between both measures is 0.97 (for a comparable validation, see Soroka and Wlezien, 2022; Müller and Proksch, 2023). Even though we observe misclassification at the level of individual statements, these errors seem to cancel each other out when aggregating issue salience to the level of manifestos. The predictions of the machine learning model closely mirror human coding and provide accurate representations of policy priorities in candidate manifestos.

**Figure 1**: Comparing the correspondence between the frequencies of policy areas in the test set based on the BERT predictions and human coding of the same set of statements



We assess both the face and content validity of the classification by implementing a technique known as keyness analysis (e.g., Severin *et al.*, 2023; Zollinger, 2024). This identifies distinct words classified into a policy area, as compared to statements classified

into different categories. The keyness analysis (Table A4) underscores that our fine-tuned model works for the Japanese context since almost all the top words for each category are relevant to the respective policy area.

After validating the text segmentation and classification, we aggregate the corpus of 46,961 statements to the level of manifestos and calculate the proportion of manifestos falling into each of the eleven policy areas. While the size of the leaflet is standardized, candidates use various layouts and font sizes, which results in different amounts of statements. 58.1% of the hand-coded statements and 58.8% of the entire text corpus are classified into one of the eleven policy areas (Figures A5 and A6). The *No/Other Policy Area* statements primarily focus on aspects like a candidate's name, determination, personality, or profile such as education and previous occupations or endorsements from other politicians. In SI Section D, we annotated all sections of three typical manifestos to highlight the prevalence of statements unrelated to policy priorities.

For each of the 1,744 hand-coded statements related to policy, we identified the type of content. 752 (43.1%) of the statements were classified as a campaign pledge (Thomson *et al.*, 2017; Müller, 2020), 628 (36.0%) of the statements are policy content but not a promise, 229 (13.1%) of the statements are clarifications, and 98 (5.6%) of the statements describe former jobs or are personal statements. Only 37 statements, corresponding to 2.1% of the statements, were classified as credit claiming (Table A5). Candidates use the limited space of their manifestos to communicate priorities for the upcoming legislative cycle rather than focusing on their achievements in the past. This is an important finding in itself since manifestos released by political parties tend to devote considerable space to describing the status quo, claiming credit, and discussing other parties' failures (Müller, 2022).

### Measuring Legislative Priorities

To measure candidates' legislative priorities, we manually collected information on the assignments to leadership posts in Diet committees, party policymaking divisions, and cabinet ministries in the legislative cycles of 2003–2005, 2005–2009, 2009–2012, 2012–2014, and 2014–2017. The Diet and the cabinet each have 12 committees and 12 ministries, respectively, whose jurisdiction corresponds unambiguously to 12 categories in our coding.<sup>6</sup>

We focus on five types of posts. The first type of post is the *Committee Post*, which indicates whether an MP served as chair or director in a committee. The second type of post is the *Party Policy Divisions* Post, indicating whether an MP served as director, acting director, or deputy director in an LDP division. We do not focus on posts in the Democratic Party of Japan (DPJ), as the DPJ government, unlike the LDP, did not have a bill screening process within the party. The third post is the *Cabinet Post*, indicating whether an MP served as state minister or vice-minister in the cabinet. We also assigned *Ministerial Posts* to each policy area. *Legislative Post (Combined)* refers to MPs holding a post in a committee, a party policy division, and/or a cabinet ministry. Most of these posts are reshuffled annually. Table A2 provides details about the number of legislative posts in each policy area.

#### Dependent and Independent Variables

Our dependent variable is a binary indicator expressing whether an MP held a legislative post in a policy area. It is important to note that obtaining leadership posts is a competitive

\_

<sup>&</sup>lt;sup>6</sup> The LDP has 14 policy divisions. The First Cabinet Division and the Second Cabinet Division have jurisdiction corresponding to that of the Committee on Cabinet. Thus, we code these two divisions as the *Cabinet* policy area. The Agricultural and Forestry Division and the Fishery Division have responsibilities corresponding to those of the Committee on Agricultural, Forestry and Fishery. We code these two divisions as the *Agricultural*, *Forestry and Fishery* policy area. The other ten divisions correspond unambiguously to the ten categories in our coding.

process: 31% of the MPs in our sample did not hold any leadership post for the eleven policy areas considered in the analysis during a legislative cycle (Figure A1). Across the five elections, 25% of MPs obtained several posts in the same policy area during one legislative cycle. Holding more than one post in one area was usually a consequence of internal promotions during annual reshuffles. Following Pekkanen et al. (2006), we opt for a binary indicator, i.e., holding at least one post in a given policy area, as the most appropriate indicator of legislative leadership. As we show in SI Section E.5, our results remain consistent when we predict the number of posts in one area (ranging from 0 to 3) using ordered logistic regression models.

The primary independent variable, Manifesto Salience, quantifies the focus on each policy area. It is calculated by dividing the number of statements specifically addressing a policy area by the overall number of statements that are relevant to any policy area. A simple example clarifies this approach: suppose a manifesto consists of 50 statements, and 40 statements are classified into one of the substantive policy areas. For instance, if ten out of these statements are about environmental policies, the variable would take the value 10/40, corresponding to 0.25 or 25%. Our results remain unchanged when using the count of statements about each policy area in a manifesto (SI Section E.6).

We test Hypothesis 2 with several indicators of policy importance. First, we include an interaction effect between *Manifesto Salience* and the type of policy area: *distributive policy areas*, *high policy areas*, and *public goods areas* (see Pekkanen *et al.*, 2006 and the discussion above). Second, we conduct individual models for each of the policy areas (resulting in eleven models per legislative leadership post). Third, we use *Portfolio Importance* as an alternative measure for assessing the perceived significance of policy areas. This metric reflects the level of importance experts attribute to each portfolio. For each lower

house election, Junko Kato conducted an expert survey to evaluate the relevance of various portfolios (see, e.g., Kato and Laver, 2003). Portfolio importance can range from 1 to 5, with higher values indicating higher relevance. We use the average score across all experts who completed each survey. The average portfolio importance ranges from 2.3 to 4.6, with a mean of 3.5 and a standard deviation of 0.73 (Figure A2). *High policy* areas rank highest in portfolio importance with an average of 4.2, followed by *distributive* policy areas at 3.2, and *public goods* areas at 2.9. We could match nine of the eleven policy areas to portfolios included in the expert surveys.

The selection of control variables follows prior work on legislative behavior and posts in the Japanese context (e.g., Fujimura, 2015; Pekkanen *et al.*, 2006; Smith, 2018). First, we include the *Number of Previous Wins* and its squared term to represent the curvilinear-shaped relationship between seniority and legislative posts. Prior work suggests that MPs with no prior parliamentary experience and those with very long tenures are less likely to obtain leadership posts compared to MPs elected multiple times. (Smith, 2018). We add a binary variable indicating whether a candidate was elected in their single-member district (SMD) or as *Zombie* candidate (i.e., they lost their SMD but got elected through the party's PR list). Pekkanen *et al.* (2006) show that "zombie" candidates often secure different posts compared to those elected in SMDs. We also control for the *Gender* of an MP and whether an belongs to a family with at least one previously elected member (*Dynasty*). These control variables were extracted from the dataset provided by Reed and Smith (2018).

Additionally, we account for the *Ideological Distance* between each MP's manifesto and the average position across all MPs included in our analysis. In line with Catalinac (2018), we use the unsupervised Wordfish scaling method (Slapin and Proksch, 2008; Proksch *et al.*,

-

 $<sup>^{7} \</sup> https://web.archive.org/web/20160607004313/http://www.katoj.j.u-tokyo.ac.jp/HOME\_files/HP\_data\_english2014.pdf$ 

2011) to position all manifestos on a single latent unidimensional scale. We then determine the absolute difference between the Wordfish position of each candidate's manifesto and the average position of all manifestos within the party. Higher values signify a larger divergence between an MP's ideological stance and the party's average position.

#### Data Structure and Modeling Approach

Before discussing the results, we briefly outline our data structure and modeling approach. Every MP is represented eleven times per election in the dataset, with each observation constituting one of the eleven policy areas. The binary dependent variable indicates whether an MP obtained a legislative post. The dependent variable is assigned the value 1 for the policy area(s) in which an MP held a post in the legislative cycle and 0 for all policy areas without a legislative post. We created separate dependent variables for different types of legislative posts: *Cabinet Post*, *Committee Post*, *Party Policy Division Post*, *Ministerial Post*, and the combined measure *Legislative Post* (*Combined*). The unit of analysis is therefore the candidate-cycle-policy area. We account for heterogeneity across elections, geographic regions, and policy areas through region fixed effects, election fixed effects, and policy area fixed effects. We cluster standard errors on the manifesto level (Bergé, 2018). As demonstrated in SI Section E.4, our results are highly consistent across model specifications and various sets of fixed effects.

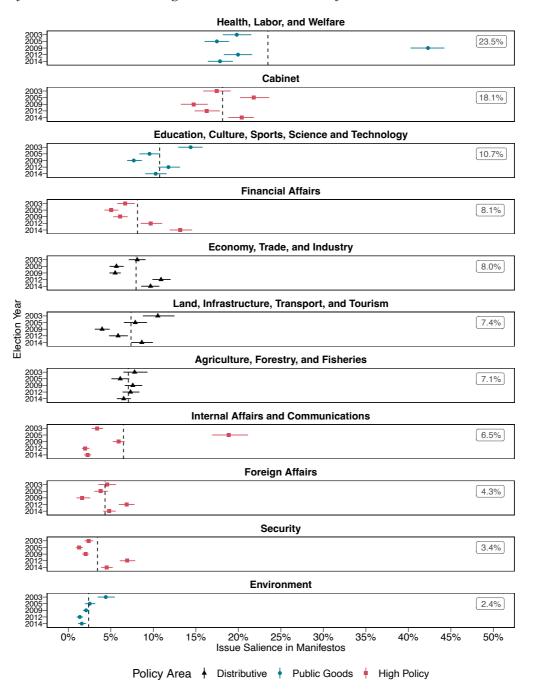
#### Results

## Descriptive Evidence

We begin the results section by describing issue salience in Japanese candidate manifestos. Figure 2 displays the average salience in each election campaign and policy area, along with 95% bootstrap confidence intervals. Upon aggregating these averages across the five

elections, *Health, Labor, and Welfare* is the most prevalent area with 23.5% of all policy-related statements. The focus on *Health, Labor, and Welfare* reached its peak in 2009. During the election campaign in 2009, the opposition party DPJ critiqued the ruling LDP's concentration on public projects and advocated for welfare expansion. Over 40% of policy-related sentences by DPJ candidates in 2009 pertained to health, labor, and welfare policies. *Cabinet*, encompassing policies like public safety, regional revitalization, gender equality, or disaster management, is the second most salient category (18.1%), followed by *Education, Culture, Sports, Science, and Technology* (10.7%). *Security* (3.4%) and the *Environment* (2.4%) represent the least salient issues.

**Figure 2**: Issue salience in candidate manifestos. Horizontal bars represent 95% bootstrap confidence intervals for each average. The dashed vertical lines and the numbers in the top-right corner of each box show the average issue salience across the five elections.



### Regression Analysis

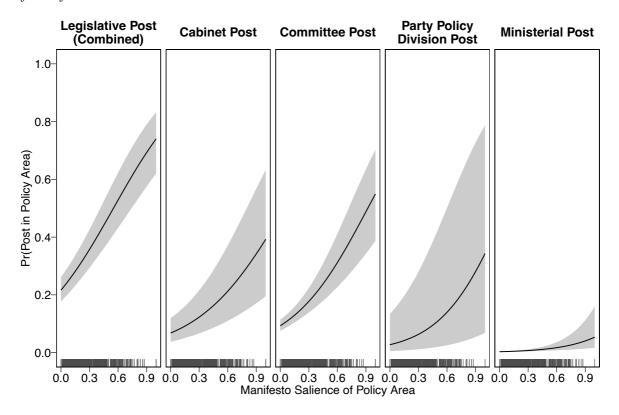
Having described variation in issue emphasis across elections, we turn to testing our theoretical expectations. We run separate logistic regression models for the different types of legislative posts. Model 1 of Table 1 uses *Legislative Post (Combined)* as the dependent variable, measuring whether a legislator obtained at least of the following: a Committee, Policy Division, or Cabinet Post. Models 2–5 represent separate models for *Cabinet Post*, *Committee Post*, *Party Policy Division Post*, and *Ministerial Post*. Across all models, we observe positive, sizeable, and statistically significant coefficients for *Manifesto Salience*. The log odds range from 2.19 (*Model 2: Cabinet Post*) to 2.92 (*Model 4: Party Policy Division Post*). Higher issue emphasis during campaigns increases the probability of obtaining a leadership post in the same area.

**Table 1**: Predicting legislative leadership posts in a policy area. The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	(1) Legislative Post (Combined)	(2) Cabinet Post	(3) Committee Post	(4) Party Policy Division Post	(5) Ministerial Post
Manifesto Salience	2.33 (0.25)***	2.19 (0.36)***	2.48 (0.32)***	2.92 (0.38)***	2.95 (0.61)***
Number of Terms	-226.56 (19.96)***	-407.87 (57.05)***	-109.01 (14.88)***	-1395.55 (184.67)***	258.65 (19.23)***
Number of Terms (squared)	-196.72 (14.09)***	-344.82 (37.59)***	-146.96 (12.05)***	-719.46 (86.67)***	-132.97 (12.91)***
Elected: Zombie (ref.: SMD)	-0.12 (0.08)	-0.26 (0.13)*	-0.07 (0.11)	-0.10 (0.09)	-2.69 (1.05)*
Gender: Female (ref.: Male)	-0.16 (0.10)	-0.01 (0.12)	-0.09 (0.11)	-0.07 (0.13)	1.02 (0.31)***
Ideological Distance from Party	0.03 (0.05)	-0.03 (0.07)	-0.04 (0.06)	0.05 (0.07)	-0.09 (0.14)
Dynasty	-0.06 (0.07)	-0.04 (0.09)	-0.01 (0.07)	-0.16 (0.10)	0.11 (0.16)
Num. obs.	13970	13970	13970	11066	13970
Fixed effects: Policy Area	<b>√</b>	<b>√</b>	<b>√</b>	✓	✓
Fixed effects: Election Year	<b>√</b>	<b>√</b>	<b>√</b>	✓	<b>√</b>
Fixed effects: Region	<b>√</b>	<b>√</b>	✓	<b>√</b>	<b>√</b>
Deviance	8851.38	3764.43	5609.27	3934.49	1577.35
Log Likelihood	-4425.69	-1882.21	-2804.64	-1967.24	-788.67
Pseudo R2	0.12	0.14	0.08	0.22	0.29

*Note:* \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05

Figure 3: Predicted probabilities of obtaining legislative leadership posts conditional on the salience of the same policy area in candidate manifestos. Plot shows predicted probabilities based on Models 1–5 in Table 1. The remaining variables are held constant at their respective mean or modal values. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.

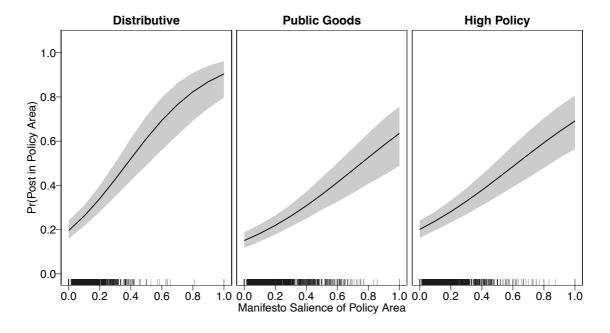


We visualize the substantive effect sizes for the five types of posts to ease the interpretability of the coefficients (Arel-Bundock, 2023). Figure 3 depicts the predicted probabilities of obtaining a post conditional on the full range of *Manifesto Salience*. Higher issue emphasis increases the probability of obtaining a post in the same area for all measures of legislative leadership. The predicted probability of obtaining at least one leadership post area in a given policy area (left-hand panel of Figure 3) is 0.22 (95% CI: 0.18–0.26) when the respective issue is not mentioned at all. The predicted probability increases to 0.48 (95% CI: 0.39–0.56) if a candidate devotes 50% of all policy-related statements to the policy area. The predicted probability of obtaining at least one post increases to 0.74 (95% CI: 0.62–0.83) if the entire policy-related manifesto content was devoted to this policy area. The changes in predicted probabilities are also statistically significant across all posts, but less pronounced

for *Ministerial* Post, mainly due to the limited availability of ministerial posts (see also Figure A1).

Recall that Hypothesis 2 posits a higher congruence between campaign communication and leadership posts in distributive policy areas than in public goods or high policy areas. We predict obtaining at least one legislative post [Legislative Post (Combined)] conditionally on an interaction effect of the three aggregated categories of policy areas (distributive, high policy, public goods areas) with Manifesto Salience. We estimate predicted probabilities based on this interaction term, following the simulation-based approach suggested by King et al. (2000). The predicted probabilities in Figure 4 illustrate positive relationships between manifesto salience and legislative leadership posts. The relationship seems to be strongest for distributive policy areas, followed by public goods and high policy areas.

Figure 4: Predicted probabilities of obtaining a legislative leadership post, conditionally on the interaction effect between manifesto salience and the three broad issue areas, based on Model 1 in Table A7. The remaining variables are held constant at their respective mean or modal value. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.



To test whether these differences between broad issue areas are statistically significant, we simulate first differences – which is the difference between two predicted probabilities – across various values of *Manifesto Salience* (Greifer *et al.*, 2023; Radean, 2023). Figure A8 reveals that the predicted probabilities for distributive policy areas are significantly higher than for public goods and high policy areas across almost the entire range of manifesto salience. Across the ten scenarios of manifesto salience, the difference in predicted probabilities between distributive and public goods policy areas is 0.21; the difference between distributive and high policy areas is slightly lower (0.15). The first differences between high policy areas and public goods areas are smallest (0.06) and statistically insignificant across most values of manifesto salience. These results provide support for Hypothesis 2. The congruence between campaign communication and leadership posts is most pronounced for distributive policy areas.

Having established differences between issue areas, we assess the relationships for each of the eleven policy areas. We report the coefficients of *Manifesto Salience* on obtaining a post in this policy area based on separate regression models for each policy area. We report these coefficients for models predicting *Legislative Post (Combined)*, *Committee Posts*, *Cabinet Posts*, and *Party Policy Division Posts*. Figure 5 shows the log odds coefficients and 95% confidence intervals for *Manifesto Salience* for 44 regression models (one model per policy area, and separate models for the four types of posts).

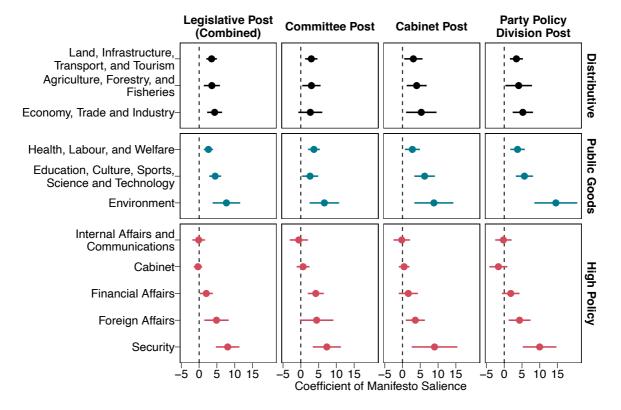
We observe positive and statistically significant coefficients for most policy areas: a higher emphasis on a policy area increases the log odds of getting a post in the same area. Yet, interesting differences emerge across policy areas. For our main outcome, *Legislative* 

\_

<sup>&</sup>lt;sup>8</sup> We exclude *Ministerial Posts* due to the low number of ministerial posts in each election, which do not allow for precise estimates on the level of individual policy areas.

Post (Combined), the coefficients of Manifesto Salience are sizable and significant for all distributive and public goods policy areas, but we observe more heterogeneity in the five High Policy areas. While the effect sizes for Foreign Affairs and Security are large and significant, the coefficients of Manifesto Salience for regression models focusing on Internal Affairs and Communications, Cabinet, as well as Financial Affairs are smaller and often fail to reach conventional levels of statistical significance.

**Figure 5**: Coefficient estimates and 95% confidence intervals of Manifesto Salience based on separate logistic regression models for each policy area. Standard errors are clustered on the manifesto level.



To further investigate differences across issues, we apply an alternative measure of the importance of policy areas. Instead of running the models for different types of policy areas or conducting separate models for each policy area, we rely on a measure of *Portfolio Importance* derived from the expert surveys conducted at each election. A negative interaction coefficient between *Manifesto Salience* and *Portfolio Importance* implies that

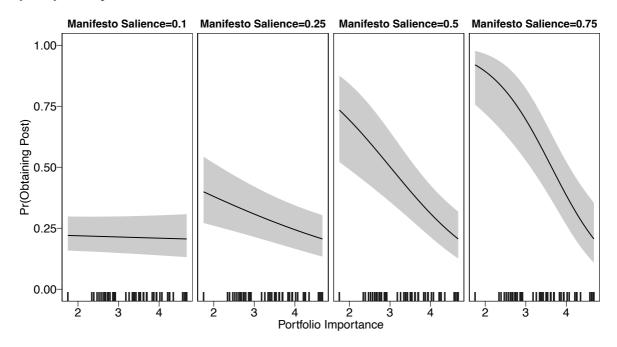
obtaining a post becomes less likely if a politician emphasizes a more important policy area. Figure 6 depicts the predicted values of obtaining a legislative post based on the interaction term between *Manifesto Salience* and *Portfolio Importance* in Model 1 of Table 2. We set *Manifesto Salience* to four values (0.1, 0.25, 0.5, 0.75) and predict the probability of obtaining a post conditional on the policy area's perceived importance. Figure 6 offers three insights: First, obtaining a post is unlikely across the entire range of policy importance when an MP rarely mentions the policy area. Second, the probability of success increases when MPs address a less important policy category more extensively in their manifesto. Third, for the most important policy areas (indicated through higher values on the x-axis), the predicted probabilities remain at very similar and consistently lower levels across the four scenarios of *Manifesto Salience*. MPs who avoid a policy area in their manifesto are less likely to secure a post, regardless of the policy area's perceived importance. However, MPs improve their chances of obtaining legislative posts by focusing more on less important policies in their manifestos. For key policy areas, the likelihood of success remains consistently low, irrespective of the space devoted to a policy area.

**Table 2**: Predicting legislative leadership posts in a policy area conditional on the interaction effect between manifesto salience and perceived portfolio importance. The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	(1) Legislative Post (Combined)	(2) Cabinet Post	(3) Committee Post	(4) Party Policy Division Post	(5) Ministerial Post
Portfolio Importance	0.17 (0.06)**	0.22 (0.10)*	0.13 (0.07)	0.15 (0.07)*	0.32 (0.19)
Manifesto Salience	9.11 (1.53)***	10.68 (2.56)***	6.32 (2.04)**	11.75 (2.12)***	17.79 (4.37)***
Manifesto Salience x Portfolio Importance	-1.95 (0.43)***	-2.49 (0.73)***	-1.19 (0.56)*	-2.53 (0.60)***	-4.24 (1.24)***
Number of Terms	-222.19 (23.46)***	-334.86 (59.21)***	-109.71 (17.32)***	-1376.39 (204.28)***	278.59 (28.43)***
Number of Terms (squared)	-190.83 (16.39)***	-304.11 (39.62)***	-146.34 (13.96)***	-712.24 (96.10)***	-149.05 (18.02)***
Elected: Zombie (ref.: SMD)	-0.09 (0.09)	-0.11 (0.13)	-0.05 (0.11)	-0.08 (0.11)	-15.39 (0.20)***
Gender: Female (ref.: Male)	-0.09 (0.12)	0.26 (0.13)*	-0.08 (0.13)	-0.08 (0.16)	0.70 (0.29)*
Ideological Distance from Party	0.01 (0.06)	-0.10 (0.08)	-0.06 (0.07)	-0.01 (0.08)	-0.15 (0.18)
Dynasty	-0.07 (0.07)	-0.17 (0.10)	0.02 (0.08)	-0.16 (0.11)	0.13 (0.21)
Num. obs.	11430	11430	11430	9054	11430
Fixed effects: Election Year	<b>√</b>	✓	✓	✓	✓
Fixed effects: Region	<b>√</b>	<b>√</b>	✓	✓	✓
Deviance	7148.13	2867.23	4616.01	3352.42	916.92
Log Likelihood	-3574.07	-1433.61	-2308.00	-1676.21	-458.46
Pseudo R2	0.11	0.11	0.08	0.22	0.21

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

**Figure 6**: Predicted probability of obtaining a post (Combined Measure) conditional on the interaction effect between portfolio importance and varying levels of manifesto salience. The remaining variables are held constant at their respective mean or modal value. Predicted probabilities are based on Model 1 of Table 2. The small vertical lines display the observed values of Portfolio Importance.



#### Robustness Tests

We conducted a battery of additional analyses to test the robustness of our findings and further explore variation across issue areas. First, we run separate models for alternative categories of broad issue areas. We split the *High Policy* areas into *High Policy* (*Domestic*), consisting of Internal Affairs and Communications, Cabinet, and Financial Affairs, and *High Policy* (*Foreign*), comprising Foreign Affairs and Security. Results corroborate the findings from Figure 5: the relationship between campaign communication and leadership posts exists in foreign, but not domestic high policy areas (SI Section E.1). Second, we run jackknifestyle regression models, which exclude one policy area at a time. The robustness test reveals that no single area drives our aggregated results. The relationship is even stronger when excluding *Health*, *Labor*, *and Welfare* from the analysis (SI Section E.2). Third, we run separate models for each electoral cycle. SI Section E.3 demonstrates the consistent presence

of a positive relationship between manifesto salience and the allocation of legislative posts in all five elections. Fourth, we test the robustness of our findings with different model specifications. Neither the inclusion/exclusion of control variables nor different fixed effects specifications drive the observed relationship (SI Section E.4). Fifth, we run ordered logistic regression models with the count of posts in a policy area as our dependent variable instead of using a binary outcome. Results remain the same. A low focus on a policy area increases the probability of not obtaining any post, while the probability of obtaining one, two, or even three posts in an area increases with higher emphasis on the same area in candidate manifestos (SI Section E.5). Sixth, we use the count of sentences in each policy area as our independent variable, rather than the proportion of policy-related sentences, which has no effect on our results (SI Section E.6). These additional analyses provide strong support for the robustness of our findings.

### **Potential Mechanisms**

Although we observe a robust link between campaign communication and legislative priorities, the underlying mechanism driving this relationship remains uncertain. Consider the example of LDP MP Yasushi Kaneko during his third electoral term from 2005 to 2009. Kaneko had been elected since 2000, representing the Kumamoto 5th district, a rural district with farms and ports. In the September 2005 lower house election, he promised to support the development of local small and medium enterprises and farming and fishing communities and promote the local economy, emphasizing infrastructure and transportation sectors in his election manifesto. Once elected, he became a Vice-Minister of Agriculture, Forestry and Fisheries from November 2005 to September 2006, succeeded in preventing the suspension of dam construction in his district and securing the necessary budgetary allocations for the

construction (*Asahi Newspaper*, August 25th, 2006). Subsequently, he was promoted to Senior Vice-Minister of Land, Infrastructure, Transport and Tourism, and achieved the improvement of the port in his district (*Asahi Newspaper*, August 22th, 2009). The effective implementation of his policy priorities played a pivotal role in his re-election even in the 2009 election where the LDP reduced its seats from 300 to 119 and ultimately lost power.

This example raises a question: Did Kaneko become senior vice-minister due to his voters' interests and intrinsic motivations, or did he obtain the leadership posts because he held posts in the same area previously? While our observational study does not allow us to identify causal effects, we can investigate these potential mechanisms in two ways. First, we might expect that holding a leadership post in a given policy area increases the chance of regaining the post in the same area after the next election. If campaign communication does not play a role in obtaining leadership posts, the effect may disappear when controlling for previous legislative posts. Table A13 adds the lagged dependent variable, which is a binary indicator representing whether an MP held the post in the previous cycle. Including the lagged dependent variable decreases the number of observations by over 50%, as MPs who were elected for the first time or in 2003 cannot be considered in the analysis. The coefficient of Post in Previous Cycle has the expected positive, sizeable, and statistically significant coefficient, ranging from 1.71 (Legislative Post [Combined]) to 2.46 (Ministerial Post). Yet, even after controlling for legislative leadership in the previous cycle, the coefficients for Manifesto Salience remain positive and statistically significant, suggesting that prior experience and campaign communication matter for obtaining legislative leadership posts.

The second mechanism relates to an MP's political experience. If representatives' campaigns were irrelevant, we should not observe any relationship between manifesto salience and posts for politicians who never have been elected before. To test this possibility,

we run a regression model for the subset of politicians who were elected for the first time (Model 1 of Table A14). We repeat this subsample analysis for politicians who were elected for the second time (Model 2), for the third time (Model 3), and four or more times (Model 4). While first-timers are less likely to obtain legislative posts than their more experienced colleagues (Smith, 2018 and Figure A15), we still observe a positive and statistically significant coefficient of *Manifesto Salience* for MPs who won an election for the first time. The fact that even inexperienced politicians' emphasis in manifestos translates into legislative posts provides further evidence of a link between campaign communication and legislative priorities. At least some portion of a representatives' interest – measured through the emphasis in manifestos – comes before any appointment by the party leader.

### Conclusion

The concept of promissory representation posits that campaign communication provides a truthful signal of politicians' policy priorities. We test this assumption empirically with novel datasets of issue emphasis in candidate manifestos and legislative leadership posts, covering five Japanese elections. Our results are encouraging. Communication in candidate manifestos predicts subsequent legislative priorities. Candidates who focus extensively on specific policy areas are more likely to obtain leadership posts in this area, confirming Sulkin's (2009) evidence from the U.S. House of Representatives. Various model specifications and measures of campaign communication confirm that politicians often translate the policies they emphasized during campaigns into legislative actions. In other words, voters can use these candidate manifestos to identify politicians' policy priorities. Campaigns link policy in the electoral and parliamentary area.

Yet, several questions remain. The role of party leaders in assisting the congruence between individual politicians' campaign communication and legislative activities could be investigated in more detail. While we find that manifesto salience predicts leadership posts, the current set-up does not allow us to identify how candidates use their campaign communication to signal to party leaders that they will be suitable and motivated holders of leadership posts.

Another open question relates to the external validity of our findings. While Japan is an established representative democracy, candidate manifestos do not exist in most democracies. Future research could move beyond manifestos and assess individual-level issue emphasis in a variety of ways. We hope that our findings encourage further work on individual MP-level congruence for additional types of communication, contexts, and countries. For example, scholars could compare candidates' statements on social media (Barberá et al., 2019), campaign speeches, or election leaflets (Trumm et al., 2023) with the content of legislative speech (Proksch and Slapin, 2015), legislative posts (Bergman et al., 2022), or communication on social media (Castanho Silva and Proksch, 2022). Our finding that pledges constitute a large share of the content of manifestos opens up avenues for future research on candidates' pledge making and fulfilment, which has mainly been assessed on the party level (e.g., Thomson et al., 2017; Naurin et al., 2019). What are the similarities and differences between pledges made by different candidates? How do these pledges of candidates relate to the pledges that their parties make in national programmes (Proksch et al., 2011)? And under which conditions are candidate pledges more likely to be fulfilled? We hope that our research design and results encourage future work on the relationship between campaign communication and legislative behavior.

#### References

- **Adler E and Lapinski J** (1997) Demand-side theory and congressional committee composition: a constituency characteristics approach. *American Journal of Political Science* **41**, 895–918.
- **André A, Depauw, S and Martin S** (2015) Electoral systems and legislators' constituency effort: the mediating effect of electoral vulnerability. *Comparative Political Studies* **48**, 464–496.
- Arel-Bundock V (2023) marginal effects: Predictions, comparisons, slopes, marginal means, and hypothesis tests. R package version 0.16.0. https://CRAN.R-project.org/package=marginal effects.
- **Ariga K, Horiuchi Y, Mansilla R and Umeda M** (2016) No sorting, no advantage: regression discontinuity estimates of incumbency advantage in Japan. *Electoral Studies* **43**, 21–31.
- Barberá P, Casas A, Nagler J, Egan PJ, Bonneau R, Jost JT and Tucker JA (2019) Who leads? Who follows? Measuring issue attention and agenda setting by legislators and the mass public using social media data. *American Political Science Review* 113, 883–901.
- Benoit K, Watanabe K, Wang H, Nulty P, Obeng A, Müller S and Matsuo A (2018) quanteda: an R package for the quantitative analysis of textual data. *The Journal of Open Source Software* 3, 774.
- **Beerbohm** E (2016) The ethics of electioneering. *The Journal of Political Philosophy* **24**, 381–405.
- **Bergé** L (2018) Efficient estimation of maximum likelihood models with multiple fixed-effects: the R package FENmlm. *CREA Discussion Papers*.
- Bergman ME, Struthers CL, Shugart MS, Pekkanen RJ and Krauss ES (2022) The party personnel datasets: advancing comparative research in party behavior and legislative organization across electoral systems. *Legislative Studies Quarterly* 47, 741–759.
- **Bowler S, McElroy G and Müller S** (2020) Campaigns and the selection of policy-seeking representatives. *Legislative Studies Quarterly* **45**, 397–431.
- **Brouard S, Grossman E, Guinaudeau I, Persico S and Froio C** (2018) Do party manifestos matter in policy-making? Capacities, incentives and outcomes of electoral programmes in France. *Political Studies* **66**, 903–921.

- Budge I, Klingemann HD, Volkens A, Bara J and Tanenbaum E (2001) Mapping Policy Preferences: Estimates for Parties, Electors, and Governments, 1945–1998. Oxford: Oxford University Press.
- Cain B, Ferejohn J and Fiorina M (1987) The Personal Vote: Constituency Service and Electoral Independence. Cambridge: Harvard University Press.
- Carey JM and Shugart MS (1995) Incentives to cultivate a personal vote: a rank ordering of electoral formulas. *Electoral Studies* **14**, 417–439.
- Castanho Silva B and Proksch SO (2022) Politicians unleashed? Political communication on Twitter and in parliament in Western Europe. *Political Science Research and Methods* 10, 776–792.
- **Catalinac A** (2016a) From pork to policy: the rise of programmatic campaigning in Japanese elections. *The Journal of Politics* **78**, 1–18.
- Catalinac A (2016b) Electoral Reform and National Security in Japan: From Pork to Foreign Policy. New York: Cambridge University Press.
- **Catalinac A** (2018) Positioning under alternative electoral systems: evidence from Japanese candidate election manifestos. *American Political Science Review* **112**, 31–48.
- **Costello R and Thomson R** (2008) Election pledges and their enactment in coalition governments: a comparative analysis of Ireland. *Journal of Elections, Public Opinion and Parties* **18**, 239–256.
- Cox GW and McCubbins MD (2007) Legislative Leviathan: Party Government in the House [second edition] New York: Cambridge University Press
- Crisp BF, Schneider B, Catalinac A and Muraoka T (2021) Capturing vote-seeking incentives and the cultivation of a personal and party vote. *Electoral Studies* 72, 102369.
- **Devlin J, Chang MW, Lee K and Toutanova K** (2019) BERT: pre-training of deep bidirectional transformers for language understanding. *Proceedings of the 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies*, Volume 1 (Long and Short Papers), 4171–4186.
- **Di Tella R, Kotti R, Le Pennec C and Pons V** (2023) Keep your enemies closer: strategic platform adjustments during U.S and French elections. NBER Working Paper 31503. doi: 10.3386/w31503.

- **Fujimura N** (2012) Electoral incentives, party discipline, and legislative organization: manipulating legislative committees to win elections and maintain party unity. *European Political Science Review* **4**, 147–175.
- **Fujimura** N (2013) A new day, a new way: the Democratic Party of Japan's allocation of posts under the mixed-member majoritarian system. *Japan Forum* **25**, 259–292.
- **Fujimura N** (2015) The influence of electoral institutions on legislative representation: evidence from Japan's single non-transferable vote and single-member district systems. *Party Politics* **21**, 209–221.
- **Gessler T and Hunger S** (2022) How the refugee crisis and radical right parties shape party competition on immigration. *Political Science Research and Methods* **10**, 524–544.
- **Goplerud M and Smith DM** (2023). Who answers for the government? Bureaucrats, ministers, and responsible parties. *American Journal of Political Science* 67(4), 963–978.
- Greifer N, Worthington S, Iacus S and King G (2023) clarify: simulation-based Inference for Regression Models. R package version 0.2.0. https://CRAN.R-project.org/package=clarify
- **Gschwend T and Zittel T** (2018) Who brings home the pork? Parties and the role of localness in committee assignments in mixed-member proportional systems. *Party Politics* **24**, 488–500.
- **Horiuchi Y and Saito J** (2003) Reapportionment and redistribution: consequences of electoral reform in Japan. *American Journal of Political Science* **47**, 669–682.
- ISSP Research Group (2018) International social survey programme: Role of government IV ISSP 2016. GESIS Data Archive, Cologne. ZA6900 Data file Version 1.0.0. https://doi.org/10.4232/1.12994
- **Kato J and Laver M** (2003) Policy and party competition in Japan after the election of 2000. *Japanese Journal of Political Science* **4**, 121–133.
- **King, G, Tomz M and Wittenberg J** (2000) Making the most of statistical analyses: improving interpretation and presentation. *American Journal of Political Science* **44**(2), 341–255.
- Krauss ES and Pekkanen RJ (2011) The Rise and Fall of Japan's LDP: Political Party Organizations as Historical Institutions. New York: Cornell University Press.
- **Lipscy P** (2023) Japan: the harbinger state. *Japanese Journal of Political Science* **24**, 80–97.

- **Louwerse T** (2012) Mechanisms of issue congruence: the democratic party mandate. *West European Politics* **35**, 1249–1271.
- **Manin B** (1997) *The Principles of Representative Government*. Cambridge: Cambridge University Press.
- **Mansbridge J** (2003) Rethinking representation. *American Political Science Review* **97**, 515–528.
- **Mansbridge J** (2009) A 'selection model' of political representation. *Journal of Political Philosophy* **17**, 369–398.
- **Mickler TA** (2022) Parliamentary Committees in a Party-Centred Context: Looking Behind the Scenes. Abington: Routledge.
- **Müller S** (2020) Media coverage of campaign promises throughout the electoral cycle. *Political Communication* **37**, 696–718.
- **Müller S** (2022) The temporal focus of campaign communication. *The Journal of Politics* **84**, 585–590.
- **Müller S and Proksch SO** (2023) Nostalgia in European party politics: a text-based measurement approach. *British Journal of Political Science* online first. doi: 10.1017/S0007123423000571.
- **Muraoka T** (2018) Political dynasties and particularistic campaigns. *Political Research Quarterly* **71**, 453–466.
- Nakakita K (2018) Jiminto [The LDP]. Tokyo: Chuo Koron-sha.
- Naurin E, Royed T and Thomson R (eds) (2019) Party Mandates and Democracy: Making, Breaking, and Keeping Election Pledges in Twelve Countries. Ann Arbour: University of Michigan Press.
- **Pekkanen R, Nyblade B and Krauss ES** (2006) Electoral incentives in mixed-member systems: Party, posts, and zombie politicians in Japan. *American Political Science Review* **100**, 183–193.
- **Primo DM and Snyder Jr JM** (2010) Party strength, the personal vote, and government spending. *American Journal of Political Science* **54**, 354–370.
- **Proksch SO and Slapin JB** (2015) *The Politics of Parliamentary Debate*. Cambridge: Cambridge University Press.
- **Proksch SO, Slapin JB and Thies MF** (2011) Party system dynamics in post-war Japan: a quantitative content analysis of electoral pledges. *Electoral Studies* **30**, 114–124.

- **Radean M** (2023) The significance of differences interval: Assessing the statistical and substantive difference between two quantities of interest. *The Journal of Politics* **85**, 969–983.
- **Raymond CD and Holt J** (2019) Constituency preferences and assignment to agricultural committees. *Parliamentary Affairs* **72**, 141–161.
- **Reed SR and Smith DM** (2018) *The Reed-Smith Japanese House of Representatives Elections Dataset*. Version: 11 July 2018. URL: https://doi.org/10.7910/DVN/QFEPXD
- **Rehfeld A** (2006) Towards a general theory of political representation. *The Journal of Politics* **68**, 1–21.
- **Renwick A and Pilet JB** (2016) Faces on the Ballot: The Personalization of Electoral Systems in Europe. Oxford: Oxford University Press.
- **Riera P and Cantú F** (2018) Determinant of legislative committee membership in proportional representation systems. *Party Politics* **24**, 524–535.
- Riker W (1996) The Strategy of Rhetoric. New Haven, CT: Yale University Press.
- **Royed TJ** (1996) Testing the mandate model in Britain and the United States: evidence from the Reagan and Thatcher eras. *British Journal of Political Science* **26**, 45–80.
- **Sältzer M** (2020) Finding the bird's wings: dimensions of factional conflict on Twitter. *Party Politics* **28**, 61–70.
- **Schürmann** L and Stier S (2023) Who represents the constituency? Online political communication by members of parliament in the German mixed-member electoral system. *Legislative Studies Quarterly* **48**, 219–234.
- Severin A, Strinzel M, Egger M, Barros T, Sokolov A, Mouatt JV and Müller S (2023) Relationship between journal impact factor and the thoroughness and helpfulness of peer reviews. *PLOS Biology* **21**, e3002238.
- **Shepsle KA** (1978) The Giant Jigsaw Puzzle: Democratic Committee Assignments in the Modern House. Chicago: University of Chicago Press.
- **Shepsle KA and Weingast BR** (1987) The institutional foundations of committee power. *American Political Science Review* **81**, 85–104.
- **Shinada Y** (2001) *Jimoto Rieki shiko no senkyo koyaku* [The pledges of the parochial pork barrels in the Japanese 1990s general elections]. *Senkyo Kenkyu* **16**, 39–54.
- **Shinada Y** (2011) 2009 nen senkyo ni okeru senkyo koyaku [Policy positions of the Japanese parties in the 2009 general election]. Senkyo Kenkyu **26**, 29–43.

- **Shinada Y** (2018) *1990 nen iko no Sousenkyo ni okeru senkyo koyak*u [The transition of Japanese campaign manifestoes, 1990-2012]. *Senkyo Kenkyu* **34**, 5–17.
- Shugart M, Bergman M, Struthers C, Krauss E and Pekkanen R (2021) Party Personnel Strategies: Electoral Systems and Parliamentary Committee Assignments. Oxford: Oxford University Press.
- **Sieberer** U (2006) Party unity in parliamentary democracies: a comparative analysis. *The Journal of Legislative Studies* **12**, 150–178.
- **Slapin JB and Proksch SO** (2008) A scaling model for estimating time-series party positions from texts. *American Journal of Political Science* **52**, 705–722.
- **Smith DM** (2018) *Dynasties and Democracy: The Inherited Incumbency Advantage in Japan.* Stanford: Stanford University Press.
- **Soroka SN and Wlezien** C (2022) *Information and Democracy: Public Policy in the News.*Cambridge: Cambridge University Press.
- **Sulkin T** (2009) Campaign appeals and legislative action. *The Journal of Politics* **71**, 1093–1108.
- Thomson R, Royed T, Naurin E, Artés J, Costello R, Ennser-Jedenastik L, Ferguson M, Kostadinova P, Moury C, Pétry F and Praprotnik K (2017) The fulfillment of parties' election pledges: a comparative study on the impact of power sharing. *American Journal of Political Science* 61, 527–542.
- **Tatebayashi M** (2004) *Giin Kodo no Seijikeizaigaku* [The Logic of Legislators' Activities]. Tokyo: Yuhikaku.
- **Tsutsumi H** (1998) 1996 nen shugiin senkyo ni okeru kohosha no kodo to tohyokodo [The characteristics of campaign pledges and voting behavior in the 1996 general election]. *Senkyo Kenkyu*, **13**, 89–99.
- **Tsutsumi H** (2002) Senkyoseido kaikaku to kohosha no seisaku koyaku [The effect of the electoral reform on the pledge in Japan]. *Kagawa Hogaku* **22**, 90–120.
- **Tsutsumi H** (2013) Senkyo koyaku ni miru seito kohosha kankei [Party platform and candidate level election pledges]. *Kagawa Hogaku* **32**, 557–582.
- **Trumm S, Milazzo C and Duggan A** (2023) Parliamentary candidates and their campaign messages at the 2019 general election. *Politics* online first. doi: 10.1177/02633957231186384.

- **Urbinati N and Warren ME** (2008) The concept of representation in contemporary democratic theory. *Annual Review of Political Science* **11**, 387–412.
- **Wankmüller S** (2022) Introduction to neural transfer learning with transformers for social science text analysis. *Sociological Methods & Measures* online first. doi: 10.1177/00491241221134527.
- Weingast BR and Marshall WJ (1988) The industrial organization of Congress; or, why legislatures, like firms, are not organized as markets. *Journal of Political Economy* **96**, 132–163.
- Wolf T, Debut L, Sanh V, Chaumond J, Delangue C, Moi A, Cistac P, Rault T, Louf R, Funtowicz M, Davison J, Shleifer S, von Platen P, Ma C, Jernite Y, Plu J, Xu C, Le Scao T, Gugger S, Drame M, Lhoest Q and Rush AM (2019) HuggingFace's transformers: state-of-the art natural language processing. arXiv: 1910.03771.
- **Wolkenstein F and Wratil C** (2021) Multidimensional representation. *American Journal of Political Science* **65**, 862–876.
- **Zittel T, Nyhuis D and Baumann M** (2019) Geographic representation in party-dominated legislatures: a quantitative text analysis of parliamentary questions in the German Bundestag. *Legislative Studies Quarterly* **44**, 681–711.
- **Zollinger D** (2024) Cleavage identities in voters' own words: harnessing open-ended survey responses. *American Journal of Political Science* **68**, 139–159.
- **Zubek R and Klüver H** (2015) Legislative pledges and coalition government. *Party Politics* **21**, 603–614.

# **Campaign Communication and Legislative Leadership**

# **Supporting Information**

# **A** The Importance of Candidate Manifestos

To assesses whether voters notice and use candidate manifestos before elections. We gathered data from Japanese election studies. The representative surveys for the elections in 2005, 2009, 2012, and 2014 asked respondents whether they noticed candidate manifestos during the lower house election. Between 31.1% (2005) and 38.9% (2014) of respondents agreed with this statement. The candidate manifestos are not only distributed to each household and posted online, but a considerable share of citizens notices these manifestos. These documents are a crucial and visible instrument for candidates to communicate their posts and policy priorities.

Table A1: Agreement to the question "Did you notice candidate manifestos during the lower house election?" in Japanese election studies (2005–2014)

Year	2005	2009	2012	2014	
Agreement	31.3%	31.9%	35.5%	38.9%	

Note: Data available at:

https://web.archive.org/web/20230827214626/http://www.akaruisenkyo.or.jp/060project/066search/

# **B** Additional Information: Legislative Posts

Table A2: Posts of interests

Policy Area	Diet	LDP PRC Divisions	Cabinet Ministries
, and the second	Committees		
Cabinet	Chair (1),	Director (2), Acting-Director	Minister (9), Senior Vice-Minister (17),
	Director (8)	(6), Deputy-Director (14)	Vice-Minister (13)
Internal Affairs and	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
Communications	Director (8)	(4), Deputy-Director (7)	Vice-Minister (3)
[Judicial Affairs]	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (1),
	Director (8)	(3), Deputy-Director (4)	Vice-Minister (1)
Foreign Affairs	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
_	Director (8)	(3), Deputy-Director (7)	Vice-Minister (3)
Financial Affairs	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
	Director (8)	(3), Deputy-Director (8)	Vice-Minister (2)
Education, Culture, Sports,	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
Science and Technology	Director (8)	(3), Deputy-Director (8)	Vice-Minister (2)
Health, Labor, and Welfare	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
	Director (8)	(3), Deputy-Director (13)	Vice-Minister (2)
Agriculture, Forestry, and	Chair (1),	Director (2), Acting-Director	Minister (1), Senior Vice-Minister (2),
Fisheries	Director (8)	(5), Deputy-Director (17)	Vice-Minister (2)
Economy, Trade, and	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
Industry	Director (8)	(3), Deputy-Director (13)	Vice-Minister (2)
Land, Infrastructure,	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
Transport, and Tourism	Director (8)	(3), Deputy-Director (13)	Vice-Minister (3)
Environment	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (2),
	Director (8)	(3), Deputy-Director (6)	Vice-Minister (2)
Security	Chair (1),	Director (1), Acting-Director	Minister (1), Senior Vice-Minister (1),
	Director (8)	(3), Deputy-Director (7)	Vice-Minister (2)

Figure A1: The number of posts across all policy areas MPs held during a legislative cycle. Note: the figure does not consider posts related to "Judicial Affairs" since this policy area was excluded from the text classification. Instead, the numbers relate to the effective sample of posts included in the regression analysis and descriptive plots.

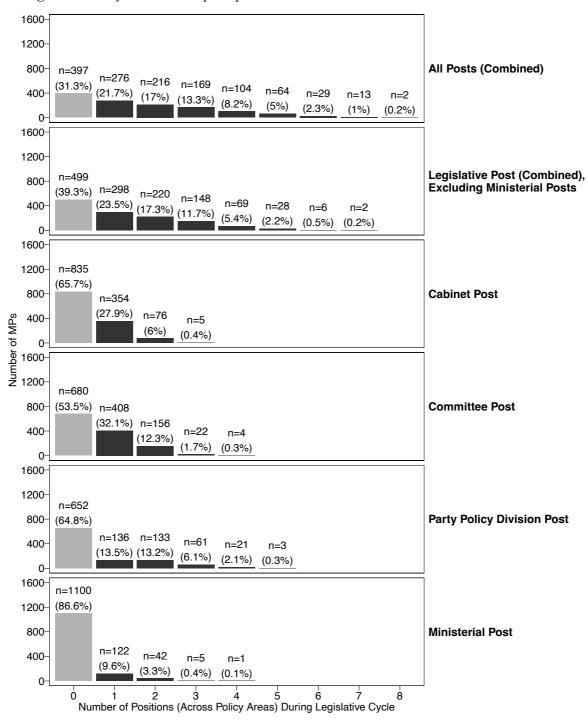
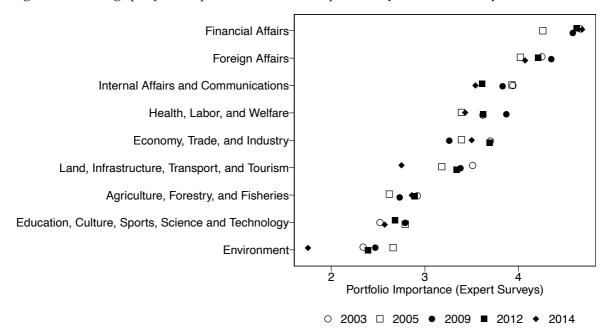


Figure A2: Average portfolio importance, based on expert surveys administered by Junko Kato.



Note: Data are available at https://web.archive.org/web/20160607004313/http://www.katoj.j.u-tokyo.ac.jp/HOME\_files/HP\_data\_english2014.pdf

## C Workflow, Validation, and Classification Performance

Figure A3: Overview of classification and aggregation procedure.

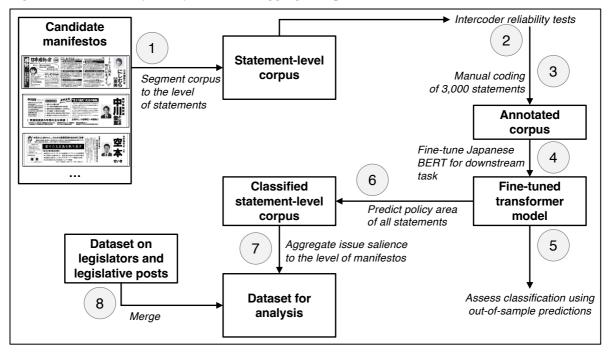
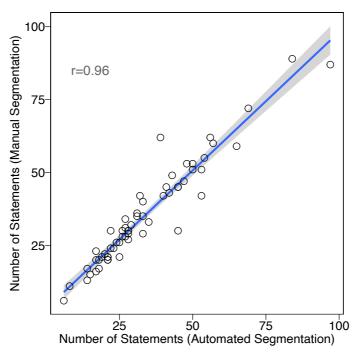


Figure A4: Comparing the number of statements on the level of manifestos based on an automated segmentation and a manual separation into statements.



*Table A3: Performance metrics for statement-level classification.* 

Category	F1 (BERT)	F1 (SVM)	F1 (NB)	Precision (BERT)	Precision (SVM)	Precision (NB)	Recall (BERT)	Recall (SVM)	Recall (NB)	Bal. Acc (BERT)	Bal. Acc (SVM)	Bal. Acc (NB)	N Statements
Agriculture, Forestry, and Fisheries	0.89	0.68	0.46	0.91	0.78	0.67	0.87	0.61	0.35	0.93	0.80	0.67	23
Education, Culture, Sports, Science, and Technology	0.87	0.68	0.65	0.77	0.66	0.64	1.00	0.70	0.67	0.99	0.84	0.82	27
No policy area	0.87	0.79	0.76	0.90	0.74	0.70	0.85	0.84	0.82	0.88	0.78	0.74	207
Health, Labor, and Welfare	0.84	0.75	0.66	0.78	0.73	0.62	0.90	0.77	0.71	0.93	0.86	0.82	52
Economy, Trade and Industry	0.78	0.63	0.59	0.79	0.73	0.71	0.76	0.56	0.50	0.87	0.77	0.74	34
Land, Infrastructure, Transport, and Tourism	0.76	0.56	0.52	0.86	0.73	0.62	0.69	0.46	0.46	0.84	0.72	0.71	35
Environment	0.75	0.67	0.15	0.86	0.67	0.25	0.67	0.67	0.11	0.83	0.83	0.55	9
Internal Affairs and Communications	0.72	0.53	0.18	0.68	0.48	0.40	0.76	0.59	0.12	0.87	0.78	0.55	17
Foreign Affairs	0.67	0.61	0.45	0.80	0.78	0.62	0.57	0.50	0.36	0.78	0.75	0.67	14
Financial Affairs	0.57	0.35	0.29	0.54	0.41	0.32	0.61	0.30	0.26	0.79	0.64	0.61	23
Security	0.57			0.50	0.00	0.00	0.67	0.00	0.00	0.83	0.50	0.50	3
Committees on Cabinet	0.53	0.52	0.48	0.50	0.50	0.43	0.56	0.54	0.56	0.75	0.74	0.73	41

Note: the column "N Statements" in Table A3 lists the number of hand-coded statements in the held-out test set that fall into each category.

We identify "typical" words and phrases for each policy area through a keyness analysis. More precisely, we conduct chi-squared ( $\chi^2$ ) tests for each feature throughout the corpus to compare the probability of a given feature surfacing in one category in contrast with the others. We run separate keyness analyses for each policy area. Following this, we isolate the top 30 features that exhibit the highest  $\chi^2$  values for each distinct category, which are displayed in Table A4. The results provide strong support for the validity of our classification since almost all the predictive terms relate to the respective policy area.

Table A4: Keyness analysis identifying terms that are 'key' (i,e., disproportionately frequent) in a given policy area (the target category) when compared to their frequency in statements classified into different areas. Table shows the 30 terms per policy area with the highest  $\chi^2$  values.

Policy Area	Terms
Agriculture, Forestry, and Fisheries	農業 (agriculture), 農林 (agriculture and forestry), 水 (water), 食 (food), 自給 (self-sufficiency), 食料 (food), 補償 (compensation), 漁業 (fishery), 戸別 (individual), 産業 (industry), 所得 (income), 率 (rate), 水産 (fisheries), 農家 (farmer), 食糧 (food), 関税 (tariff), tpp (tpp), 農 (agriculture), 林業 (forestry), 反対 (opposition), 振興 (promotion), 生産 (production), 漁村 (fishing village), 農村 (rural), 撤廃 (abolition), 担い手 (bearer), 農地 (agricultural land), 農山 (agricultural mountains), 聖域 (sanctuary), 農産物 (agricultural products)
Committees on Cabinet	復興 (reconstruction), 地方 (region), ムダ (wasteful), 防災 (disaster prevention), 災害 (disaster), 女性 (woman), 創 (foundation), 行政 (public administration), 生 (living), 治安 (security), 天下り (golden parachute), 犯罪 (crime), 税金 (tax), 公務

員 (civil servant), 政府 (government), 地震 (earthquake), 小さな (small), 根絶 (eradication), 被災 (disaster), 対策 (measures), 大震災 (great earthquake), 東日本 (east japan), 官 (officials), 削減 (reduction), 警察官 (police officer), 少子化 (declining birthrate), 官僚 (bureaucrats), 行財政 (administrative and financial affairs)

Economy, Trade and Industry

中小企業 (small and medium-sized enterprises), エネルギー (energy), 産業 (industry), 企業 (company), 原発 (nuclear power plant), 引き下げ (reduction), 商店 (shop), 中小 (small), 零細 (small), 原子力 (nuclear power), 小規模 (small scale), 法人 (corporation), 供給 (supply), 税率 (tax rate), 依存 (dependence), 発電 (power generation), 支援 (support), 地場 (local), 融資 (loan), 工業 (industrials), 活性 (active), 新 (new), ベンチャー (venture), 街 (town), 開発 (development), 商 (business), 創出 (creation), バイオ (bio), 創業 (founding), 育成 (nurturing)

Education, Culture, Sports, Science, and Technology 教育 (education), 科学 (science), 学力 (academic ability), 無償 (free of charge), 奨学 (scholarship), 高校 (high school), 学校 (school), 子供 (child), 文化 (culture), スポーツ (sports), 授業 (class), 育成 (training), 実質 (reality), 人材 (human resources), 技術 (technology), いじめ (bullying), 文部 (education), 金 (money), 育む (nurture), 担う (play a role), 公立 (public), 道徳 (moral), 心 (heart), オリンピック (olympic), 幼児 (infant), 教員 (teacher), 育てる (raise), 子ども (child), 人間 (human), たち (all)

Environment

環境 (environment), 地球 (earth), 温暖 (warming), 保全 (maintenance), 強力 (powerful), 汚染 (pollution), 育て (raising), 廃棄 (discard), 投棄 (dump), ゴミゼロ (zero garbage), リサイクル (recycling), 対策 (measures), 自然 (nature), 資源 (resource), 推進 (promoting), 循環 (circulation), 新 (new), ごみ (garbage), 型 (mold), 不法 (illegal), 生態系 (ecosystem), 浄化 (ecosystem), 産廃 (industrial waste), 琵琶湖 (biwa lake), 物 (thing), 海洋 (ocean), 水質 (water quality), 問題 (problem), 太陽光 (sun light), クリーン (clean)

Financial Affairs

デフレ (deflation), 脱却 (break away), 景気 (economy), アベノミクス (abenomics), 金融 (finance), 財政 (finance), 予算 (budget), 増税 (tax increase), 回復 (recovery), 消費 (consumption), 円 (yen), 経済 (economy), 成長 (growth), 兆 (trillion), 財務 (finance), 税率 (tax rate), 組み替え (rearrangement), 延期 (postponement), 高 (high), 税 (tax), 税制 (taxation), 不況 (recession), 株価 (stock price), 日銀 (bank of japan), 名目 (nominal), 再建 (reconstruction), 会計 (accounting), 債権 (claim), 出動 (increase), 物価 (price)

Foreign Affairs

外交 (diplomacy), 平和 (peace), 関係 (relationship), 米 (usa), 拉致 (abduction), 同盟 (alliance), 日 (japan), 国際 (international), 北朝鮮 (north korea), 外務 (foreign affairs), 国益 (national interest), 諸国 (various countries), 問題 (problem), 解決 (solution), 展開 (development), アジア (asia), 貢献 (contribution), 協調 (cooporation), 毅然と (resolute), 中国 (china), 主張 (claim), 連 (union), 近隣 (neighborhood), 友好 (friendship), 基軸 (basis), 帰国 (returning home), ロシア (russia), 地球儀 (globe), 交渉 (negotiation), 俯瞰 (bird's -eye view)

Health, Labor, and Welfare

年金 (pension), 医療 (medical care), 制度 (system), 介護 (nursing care), 子育て (raising children), 保障 (security), 者 (person), 社会 (society), 福祉 (welfare), 高齢 (elderly age), 万 (ten thousand), 手当 (allowance), 月額 (monthly amount), 保険 (insurance), 医師 (doctor), 後期 (old-old), 雇用 (employment), 支給 (provision), 充

実 (fulfillment), 最低 (lowest), 支援 (support), 保育 (childcare), 一元化 (unification), 児童 (child), 子ども (child), 労働 (labor), 障害 (handicap), 通帳 (passbook), 円 (yen), 負担 (burden)

# Internal Affairs and Communications

郵政 (postal), 民営 (privatization), 郵便局 (post office), 化 (-sation), 分権 (decentralization), 地方 (region), 州 (state), 財源 (financial resources), 第一歩 (first step), 公社 (public corporation), 制 (system), 本丸 (main goal), 事業 (business), 郵便 (post), 郵貯 (postal savings), 自主 (independence), 特殊 (special), 賛成 (agreement), 改革 (reform), 総務 (general affairs), 簡保 (postal insurance), 交付 (grant), 見直し (reform), 移譲 (transfer), 法人 (corporation), 抜本 (drasty), 貯金 (saving), 突破口 (breakthrough), 無料 (free), 補助金 (subsidy)

#### Land, Infrastructure, Transport, and Tourism

道路 (road), 整備 (maintenance), 観光 (sightseeing), 交通 (traffic), 高速 (high speed), 空港 (airport), 開通 (opening), 自動車 (car), 国道 (national road), 新幹線 (shinkansen), 駅 (station), 早期 (early), インフラ (infrastructure), 延伸 (extension), 建設 (construction), 完成 (complete), バイパス (bypass), 号線 (line), 道 (road), 公共 (public), 交通網 (traffic network), 線 (line), 国土 (national land), 渋滞 (traffic jam), 号 (route), 全線 (whole line), リニア (linear), 幹線 (trunk line), 鉄道 (railway), 客 (customer)

#### No policy area

政治 (politics), 私 (i), 日本 (japan), 自民党 (ldp), 政権 (administration), 当選 (elected), 選挙 (election), 年 (year), 交代 (change), 党 (party), 公認 (official recognition), 議員 (member of parliament), www (www), 昭和 (showa), 今 (now), 区 (district), 衆議 (lower house), 民主 (democracy), さい (yea-old), 生まれ (born), 皆様 (everyone), お願い (please), 変 (change), 初 (first time), http (http)

#### Security

防衛 (defense), 安全 (safety), 領土 (territory), 保障 (security), 主権 (sovereignty), 領海 (territorial waters), 自衛隊 (self-defense force), 自衛 (self-defense), 海上 (sea), 国家安全 (national safety), 守る (protect), 集団 (group), 保安 (security), 行使 (exercise), 国防 (national defense), 米 (usa), 体制 (system), 竹島 (takeshima), 同盟 (alliance), 権 (right), 領空 (airspace), ミサイル (missile), 北方領土 (northern territory), 警備 (security), 戦争 (war), 基地 (base), 尖閣諸島 (senkaku islands), 生命 (life), 基軸 (basic axis), 軍 (army)

Figure A5: Prevalence of categories in the entire statement-level text corpus.

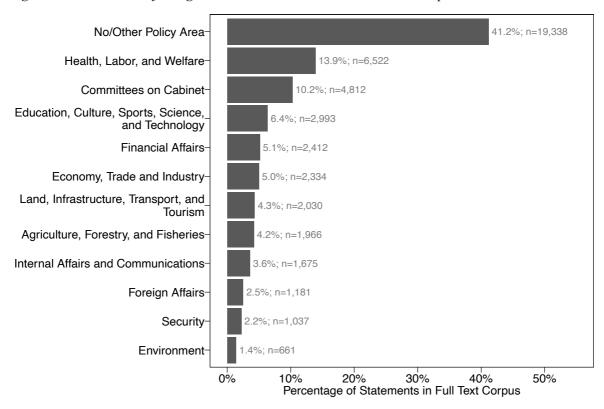
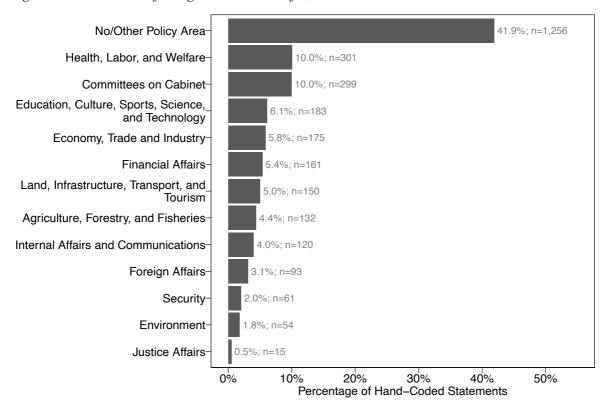


Figure A6: Prevalence of categories in the set of 3,000 annotated statements.



*Table A5: Content in the subset of 1,744 hand-coded statements related to policy areas.* 

Type of policy content	Number of statements Percent
Pledge	752 43.1%
Policy content but no pledge	628 36.0%
Clarification and details	229 13.1%
Former jobs and personal backgrou	nd 98 5.6%
Credit claiming	37 2.1%

The lists below show examples of pledges, credit claiming, and former jobs and personal background in candidate manifestos.

## **Pledges**

- 防犯対策の強 (Strengthening crime prevention measures): Tanaka Kazunori, 2012
- 議員年金廃止へ国会に諮問機関を設置 (Install an advisory organization in the Diet to abolish the pension pension): Isshu Sugawara, 2005
- 国土を守るための海上保安庁の能力強化、人員増強 (Strengthening of the Japan Coast Guard to protect the land, enhancement of personnel): Kikawada Hitoshi, 2014

## Credit claiming

- 手賀沼再生桜田プラン」により水質の大幅な改善を成し遂げまし (We have achieved significant improvements in water quality through the "Tekanuma Playing Sakurada Plan"): Sakurada Yoshitaka, 2005
- 農林水産業の果たす多面的機能と担い手に着目した2本の法律を国会に提出いたしました (We have submitted to the Diet of multifaceted functions and two laws that focus on the bearers.): Eto Taku 2012
- 経済的負担が重いことに対し、今年の国会において私が代表者となった議員立法で「少子化社会対策基本法」を成立させました(In response to a heavy economic burden, the parliamentary legislation that I became the representative in this year's parliament was established.): Nakayama Taro 2003

## Former jobs and personal background

- 平成 18 年 8 月岩手県警察本部警務部長 (August 2006: Iwate Prefectural Police Headquarters Police Director): Seto Takakazu, 2014
- 東京大学法学部卒 (Graduated from the Faculty of Law of the University of Tokyo): Sakai Manabu, 2014
- テレワーク推進特命委員会幹事 (Telework Promotion Committee Secretary): Noriuchi Noriko, 2014

## **D** Additional Information: Candidate Manifestos

Table A6: Available candidate manifestos.

Year Ma	anifestos Gov. Party	Statements Statem	ents (Mean) Statemer	nts (Median) Stater	nents (SD)
2003	201 LDP	6749	33.6	32	14.6
2005	266 LDP	8144	30.6	29	13.8
2009	264 DPJ	8179	31.0	31	11.0
2012	276 LDP	9485	34.4	32	13.9
2014	263 LDP	14404	54.8	51	19.7

Figure A7 shows three typical examples of original manifestos: LDP candidate Yukari Sato, who ran in the Osaka 11th district in the 2014 election; LDP candidate Satoshi Fujimaru, who ran in the Fukuoka 7th district in the 2012 election; and DPJ candidate Yuko Sato, who ran in the Aichi 1st District in 2009. The examples highlight the variation in font sizes and the large share of content unrelated to policy priorities, explaining why a substantial portion of the statements in our corpus do not relate to any of the eleven policy areas.

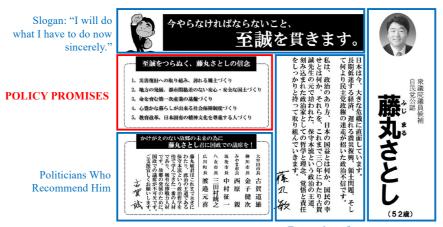
#### Figure A7: Three typical candidate manifestos.

#### a) Yukari Sato (2014), Osaka 11th District

Source: https://www.pref.osaka.lg.jp/attach/28093/00000000/46.pdf

## b) Satoshi Fujimaru (2012), Fukuoka 7th District

Source: https://www.pref.fukuoka.lg.jp/uploaded/attachment/202337.pdf

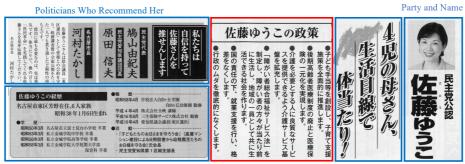


Expression of Determination

Party and Name

## c) Yuko Sato (2009), Aichi 1st District

Source: shared by Aichi Prefectural Election Administration Commission



Profile

POLICY PROMISES

Slogan "Challenge as a mother of four children and an ordinary citizen!"

## **E** Robustness Tests

## E.1 Separate Models for Broad Issue Areas

Figure A8 simulates first differences (the difference between predicted probabilities) for the three main policy areas, based on the predicted probabilities reported in the main paper (Figure 4). Table A7 reports the regression results underlying these simulations. We vary manifesto salience from 0 to 1 (in steps of 0.1) based on the 1,000 simulations stored for our estimation of predicted probabilities based on Table A7. A positive value implies that the predicted probability of obtaining a post at a specified value of *Manifesto Salience* is higher for the first policy area listed in the title of each pane compared to the second policy area. The results underscore that the effect of manifesto salience is significantly and substantively higher for distributive issue areas than for public good and high policy areas.

Figure A8: First differences (i.e., differences in predicted probabilities) for the predicted probabilities displayed in Figure 4. Each point and vertical lines shows the point estimate and 95% confidence intervals based on 1,000 simulations for varying levels of Manifesto Salience.

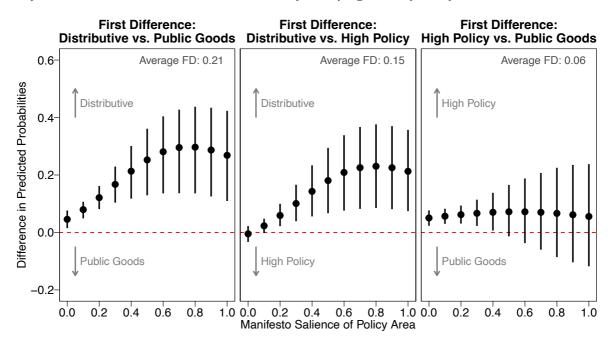


Table A7: Predicting legislative leadership posts, focusing on the interaction between broad issue areas and manifesto salience. The table reports log odds coefficients from logistic regression models. The model includes election fixed effects and region fixed effects. Standard errors (in parentheses) are clustered on the manifesto level.

	Model 1
Manifesto Salience	3.76 (0.54)***
Area: High Policy (ref.: Distributive)	0.03 (0.09)
Area: Public Goods	-0.32 (0.11)*
Number of Terms	-225.84 (19.90)***
Number of Terms (squared)	-196.41 (14.06)***
Elected: Zombie (ref.: SMD)	-0.12 (0.08)
Gender: Female (ref.: Male)	-0.16 (0.10)
Ideological Distance from Party	0.03 (0.05)
Dynasty	-0.06 (0.07)
Manifesto Salience x Area: High Policy	-1.55 (0.62)*
Manifesto Salience x Area: Public Goods	-1.45 (0.62)*
Num. Obs.	13970
AIC	8924.4
BIC	9120.6
Log.Lik.	-4436.203
RMSE	0.31

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

We also separate policy areas into four broad issue categories, based on Pekkanen *et al.* (2006: Table 2), Table A8 reports the results for four subsets: distributive policy areas, public goods policy areas, high policy areas (domestic), and high policy areas (foreign). All models use *Legislative Post (Combined)* as the dependent variable. The regression models reveal important insights. We observe both positive and statistically significant relationships between manifesto salience and legislative leadership posts for all four types of policy areas. Yet the effect disappears for domestic high policy areas (Model 3), further supporting the analysis based on individual policy areas (Figure 6). The domestic high policy areas – Internal Affairs and Communications, Cabinet, and Financial Affairs – are an exception to

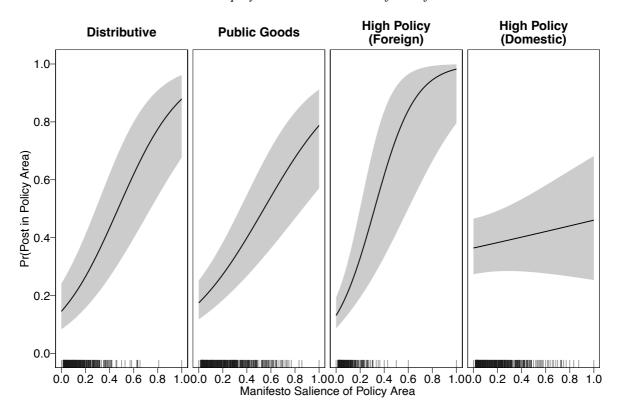
the rule and underscore that obtaining posts in these areas is unrelated to the salience of these important policy areas in manifestos.

Table A8: Predicting legislative leadership posts in various subsets of policy areas. The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	(1) Distributive	(2) Public Goods	(3) High Policy (Domestic)	(4) High Policy (Foreign)
Manifesto Salience	3.76 (0.55)***	2.86 (0.45)***	0.40 (0.42)	5.92 (1.32)***
Number of Terms	-164.70 (29.05)***	-83.53 (18.25)***	-126.68 (17.20)***	-87.96 (13.65)***
Number of Terms (squared)	-124.51 (19.12)***	-85.47 (13.54)***	-113.29 (12.28)***	-77.69 (9.58)***
Elected: Zombie (ref.: SMD)	-0.04 (0.15)	0.12 (0.17)	-0.33 (0.15)*	-0.32 (0.22)
Gender: Female (ref.: Male)	-0.62 (0.21)**	0.48 (0.18)**	-0.58 (0.22)**	0.10 (0.24)
Ideological Distance from Party	-0.09 (0.10)	0.07 (0.11)	0.02 (0.09)	0.22 (0.14)
Dynasty	-0.21 (0.14)	0.03 (0.14)	-0.15 (0.12)	0.16 (0.17)
Num. obs.	3810	3810	3810	2540
Fixed effects: Policy Area	3	3	3	2
Fixed effects: Election Year	5	5	5	5
Fixed effects: Region	11	11	11	11
Deviance	2438.12	2204.13	2590.01	1402.86
Log Likelihood	-1219.06	-1102.07	-1295.01	-701.43
Pseudo R2	0.15	0.09	0.14	0.10

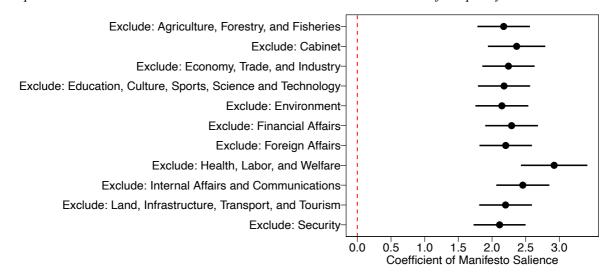
Note: \*\*\*\*p < 0.001; \*\*\*p < 0.01; \*p < 0.05

Figure A9: Predicted probabilities of obtaining legislative leadership posts conditional on the salience of the same policy area in candidate manifestos, separately for three five of policy areas. Plot shows predicted probabilities based on Models 1–4 of Table A8. The remaining variables are held constant at their respective mean or modal values. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.



## E.2 Jackknife-Style Models

Figure A10: Log odds coefficients and 95% confidence intervals of Manifesto Salience on obtaining a post in the same area based on 11 models. Each model excludes one of the policy areas.



## E.3 Separate Models for Each Election

Figure A11: Predicted probabilities of obtaining legislative leadership posts conditional on the salience of the same policy area in candidate manifestos, separately for three five of policy areas. Plot shows predicted probabilities based on Models 1–5 of Table A9. The remaining variables are held constant at their respective mean or modal values. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.

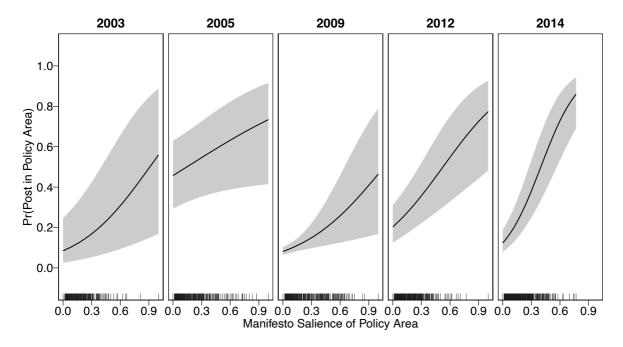


Table A9: Predicting legislative leadership posts in a policy area. Separate models for each election. The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	Year: 2003	Year: 2005	Year: 2009	Year: 2012	Year: 2014
Manifesto Salience	2.61 (0.75)***	1.19 (0.59)*	2.28 (0.75)**	2.60 (0.60)***	4.91 (0.56)***
Number of Terms	-156.34 (48.84)**	-148.71 (26.65)***	-14.99 (7.49)*	-82.55 (18.40)***	-116.81 (16.94)***
Number of Terms (squared)	-85.67 (27.20)**	-131.82 (17.85)***	-43.04 (8.16)***	-93.89 (14.66)***	-49.36 (10.88)***
Elected: Zombie (ref.: SMD)	0.12 (0.16)	-0.30 (0.24)	-0.53 (0.19)**	0.10 (0.22)	-0.25 (0.12)*
Gender: Female (ref.: Male)	0.12 (0.36)	-0.41 (0.23)	0.29 (0.13)*	-0.23 (0.25)	-0.22 (0.20)
Ideological Distance from Party	-0.01 (0.12)	0.11 (0.13)	-0.07 (0.09)	0.09 (0.13)	0.02 (0.10)
Dynasty	-0.22 (0.18)	0.01 (0.14)	0.02 (0.14)	0.25 (0.15)	-0.13 (0.13)
Num. obs.	2211	2926	2904	3036	2893
Fixed effects: Policy Area	11	11	11	11	11
Fixed effects: Region	11	11	11	11	11
Deviance	1160.89	1854.75	1734.22	1737.25	2091.24
Log Likelihood	-580.45	-927.38	-867.11	-868.63	-1045.62
Pseudo R2	0.10	0.17	0.03	0.10	0.15

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

## E.4 Different Model Specifications

Figure A12: Log odds coefficients and 95% confidence intervals of Manifesto Salience based on various model specifications. The model specifications are printed on the y-axis. The full regression models are reported in Table A10.

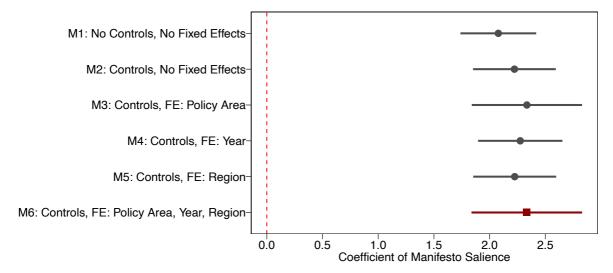


Table A10: Predicting legislative leadership posts based on various model specifications (different set of control variables and fixed effects). The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Manifesto Salience	2.08 (0.17)***	2.22 (0.19)***	2.33 (0.25)***	2.28 (0.19)***	2.23 (0.19)***	2.33 (0.25)***
Number of Terms		-222.98 (19.89)***	-224.27 (20.05)***	-223.80 (19.60)***	-224.00 (20.08)***	-226.56 (19.96)***
Number of Terms (squared)		-196.52 (13.68)***	-197.47 (13.79)***	-195.13 (13.86)***	-196.74 (13.79)***	-196.72 (14.09)***
Elected: Zombie (ref.: SMD)		-0.06 (0.08)	-0.07 (0.08)	-0.12 (0.08)	-0.06 (0.08)	-0.12 (0.08)
Gender: Female (ref.: Male)		-0.13 (0.10)	-0.13 (0.10)	-0.15 (0.10)	-0.15 (0.10)	-0.16 (0.10)
Ideological Distance from Party		0.03 (0.05)	0.03 (0.05)	0.03 (0.05)	0.03 (0.05)	0.03 (0.05)
Dynasty		-0.05 (0.06)	-0.05 (0.06)	-0.07 (0.06)	-0.04 (0.07)	-0.06 (0.07)
Num. obs.	13970	13970	13970	13970	13970	13970
Deviance	10026.52	9024.26	8952.04	8926.79	9017.86	8851.38
Log Likelihood	-5013.26	-4512.13	-4476.02	-4463.39	-4508.93	-4425.69
Pseudo R2	0.01	0.11	0.11	0.12	0.11	0.12
Fixed effects: Policy Area			11			11
Fixed effects: Year				5		5
Fixed effects: Region					11	11

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

## E.5 Count of Legislative Posts in the Same Area as the Dependent Variable

The main dependent variable *Legislative Post (Combined)* measures whether an MP obtained at least one post in a policy area, as obtaining several posts in one area is rare and is usually a consequence of reshuffles during the legislative cycle. Despite the small sample of MPs who held more than one post in the same area, we run ordered logistic regression models with four values as the dependent variable (0, 1, 2, or 3 posts in the same area).

To ease the interpretability of the regression coefficients in Table A11, we estimate predicted probabilities. The first panel of Figure A13 shows the predicted probabilities of obtaining 0 posts conditional on *Manifesto Salience*. MPs who do not focus on a specific policy at all (Manifesto Salience = 0) are extremely likely *not* to obtain any post in this area (predicted probability: 0.87 [95% CI: 0.84–0.91]). The predicted probability of 0 posts decreases to 0.35 [95% CI: 0.25–0.45] when *Manifesto Salience* takes the maximum value of 1. The second, third, and fourth panels of Figure A13 show the expected relationship in the opposite direction. Higher emphasis on a specific policy area substantially increases the probabilities of obtaining one, two, or even three posts in this area.

Figure A13: Predicted probabilities of obtaining 0, 1, 2, or 3 legislative leadership posts in the same policy area conditional on the salience of this policy area in a candidate manifesto. Predicted probabilities are based on the ordered logistic regression model in Table A11. The remaining variables are held constant at their respective mean or modal values. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.

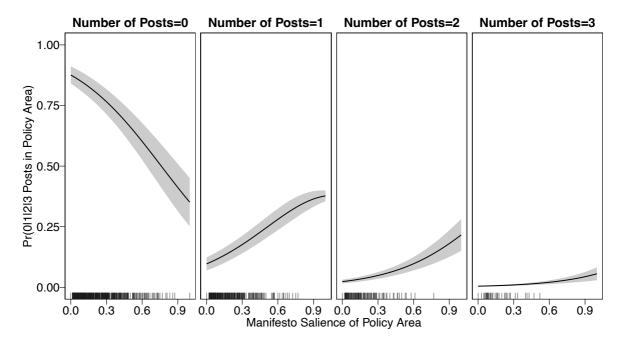


Table A11: Predicting the count of legislative leadership posts in a policy area, based on ordered logistic regression models. The model includes policy area fixed effects, election fixed effects and region fixed effects. Standard errors are clustered on the manifesto level.

	M- J-1 1
	Model 1
0 Posts 1 Post	3.450 (0.192)***
1 Post 2 Posts	5.050 (0.196)***
2 Posts 3 Posts	6.895 (0.230)***
Manifesto Salience	2.566 (0.250)***
Elected: Zombie (ref.: SMD)	-0.155 (0.078)*
Number of Terms	-227.111 (20.424)***
Number of Terms (squared)	-194.223 (14.358)***
Gender: Female (ref.: Male)	-0.123 (0.097)
Ideological Distance from Party	0.034 (0.051)
Dynasty	-0.100 (0.063)
Num. Obs.	13970
AIC	10765.0
BIC	11021.5
RMSE	0.59

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

## E.6 Different Aggregation of Manifesto Salience

Figure A14: Predicted probabilities of obtaining legislative leadership posts conditional on the salience of the same policy area in candidate manifestos. Manifesto Salience is measured based on the count of statements about each policy area. Plot shows predicted probabilities based on Models 1,2, 4, and 5 in

Table A12. The remaining variables are held constant at their respective mean or modal values. Gray areas indicate 95% confidence intervals. The small vertical lines display the observed values of Manifesto Salience.

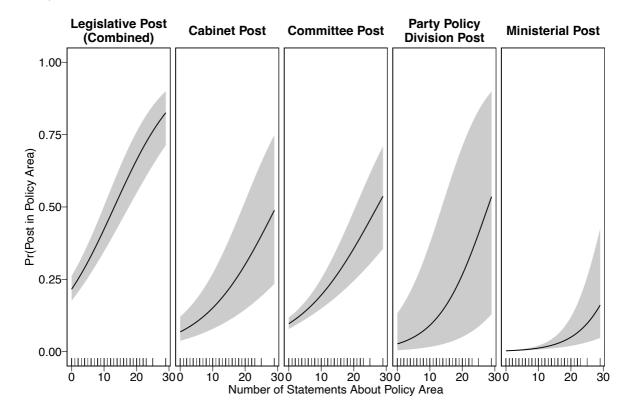


Table A12: Predicting legislative leadership posts in a policy area. The table reports log odds coefficients from logistic regression models. The measure of Manifesto Salience relies on the count of statements about each policy area. Standard errors (in parentheses) are clustered on the manifesto level

	(1) Legislative Post (Combined)	(2) Cabinet Post	(3) Committee Post	(4) Party Policy Division Post	(5) Ministerial Post
Manifesto Salience (Count of Statements)	0.10 (0.01)***	0.09 (0.02)***	0.08 (0.01)***	0.13 (0.01)***	0.14 (0.02)***
Number of Terms	-231.67 (20.33)***	-415.31 (58.03)***	-111.41 (14.95)***	-1417.37 (185.28)***	254.29 (19.33)***
Number of Terms (squared)	-196.63 (14.27)***	-346.23 (38.13)***	-145.78 (12.08)***	-727.08 (86.93)***	-131.82 (13.13)***
Elected: Zombie (ref.: SMD)	-0.12 (0.08)	-0.26 (0.13)*	-0.06 (0.11)	-0.12 (0.09)	-2.47 (1.03)*
Gender: Female (ref.: Male)	-0.16 (0.10)	-0.01 (0.12)	-0.09 (0.11)	-0.04 (0.13)	0.97 (0.31)**
Ideological Distance from Party	0.01 (0.05)	-0.05 (0.07)	-0.05 (0.06)	0.02 (0.08)	-0.11 (0.14)
Dynasty	-0.05 (0.07)	-0.03 (0.08)	-0.00 (0.07)	-0.14 (0.10)	0.12 (0.16)
Num. obs.	13970	13970	13970	11066	13970
Fixed effects: Policy Area	11	11	11	11	11
Fixed effects: Election Year	5	5	5	4	5
Fixed effects: Region	11	11	11	11	11
Deviance	8851.48	3767.53	5632.57	3927.60	1562.54
Log Likelihood	-4425.74	-1883.76	-2816.28	-1963.80	-781.27
Pseudo R2	0.12	0.14	0.07	0.22	0.29

Note: \*\*\*\*p < 0.001; \*\*\*p < 0.01; \*p < 0.05

# **F** Potential Mechanisms and Alternative Explanations

## F.1 Controlling for Previous Posts in Policy Areas

Table A13: Predicting legislative leadership posts in a policy area. The table reports log odds coefficients from logistic regression models. All models control for posts in the previous cycle, thus reducing the number of observations to candidates who got elected in two subsequent elections. Standard errors (in parentheses) are clustered on the manifesto level.

	(1) Legislative Post (Combined)	(2) Cabinet Post	(3) Committee Post	(4) Party Policy Division Post	(5) Ministerial Post
Post in Previous Cycle (lagged DV)	1.71 (0.11)***	2.16 (0.21)***	2.35 (0.15)***	2.22 (0.20)***	2.46 (0.32)***
Manifesto Salience	2.61 (0.39)***	1.38 (0.53)**	2.62 (0.50)***	3.26 (0.52)***	2.11 (0.83)*
Number of Terms	-183.28 (9.08)***	-364.44 (96.46)***	-119.44 (11.21)***	-341.29 (51.47)***	231.61 (32.10)***
Number of Terms (squared)	0.59 (9.66)	-192.41 (81.00)*	-54.94 (13.51)***	32.24 (33.31)	-111.73 (19.11)***
Elected: Zombie (ref.: SMD)	-0.05 (0.10)	-0.55 (0.20)**	0.22 (0.12)	-0.07 (0.13)	-15.40 (0.21)***
Gender: Female (ref.: Male)	-0.12 (0.14)	0.26 (0.14)	-0.25 (0.17)	0.08 (0.18)	0.93 (0.47)*
Ideological Distance from Party	0.03 (0.07)	-0.04 (0.09)	0.01 (0.08)	0.04 (0.09)	-0.03 (0.20)
Dynasty	-0.02 (0.08)	0.05 (0.12)	0.01 (0.09)	-0.28 (0.13)*	0.04 (0.23)
Num. obs.	6259	6259	6237	6226	6259
Fixed effects: Policy Area	11	11	11	11	11
Fixed effects: Election Year	4	4	3	3	4
Fixed effects: Region	11	11	11	11	11
Deviance	4291.73	1884.64	2803.44	2207.47	880.41
Log Likelihood	-2145.87	-942.32	-1401.72	-1103.74	-440.21
Pseudo R2	0.20	0.19	0.14	0.29	0.28

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

## F.2 Separate Models for Different Levels of Prior Experience in Parliament

Figure A15 shows the predicted probabilities of obtaining a leadership post conditional on the number of times elected (and the squared term of this variable), based on Model 1 of Table 1. We observe a curvilinear relationship. First-timers are very unlikely to obtain a post, while the chances of success are highest for politicians who got elected for the third and fourth time.

Figure A15: Predicted probabilities of obtaining legislative leadership posts conditional on the number of times elected and the squared value of the number of times elected. Plot shows predicted probabilities based on Model 1 of Table 1. Gray areas indicate 95% confidence intervals.

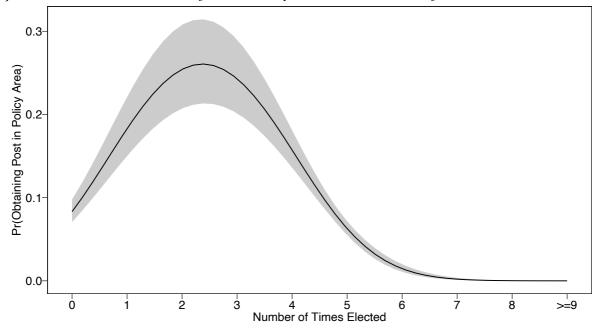


Table A14: Predicting legislative leadership posts in a policy area. Regression models split the sample across MPs with different degrees of prior experience in parliament. The table reports log odds coefficients from logistic regression models. Standard errors (in parentheses) are clustered on the manifesto level.

	(1) First Time	(2) Second Time	(3) Third Time	(4) >=Four Times	(5) Full Sample
Manifesto Salience	2.17 (0.87)*	2.73 (0.57)***	2.80 (0.58)***	2.50 (0.43)***	2.15 (0.23)***
Elected: Zombie (ref.: SMD)	-0.41 (0.28)	-0.16 (0.09)	0.29 (0.11)**	0.13 (0.23)	-0.20 (0.10)*
Gender: Female (ref.: Male)	0.50 (0.22)*	-0.31 (0.13)*	-0.17 (0.17)	0.48 (0.23)*	-0.02 (0.12)
Ideological Distance from Party	-0.25 (0.19)	-0.01 (0.06)	0.01 (0.08)	0.09 (0.11)	0.11 (0.07)
Dynasty	-0.20 (0.30)	-0.12 (0.08)	0.03 (0.10)	-0.50 (0.13)***	-0.36 (0.08)***
Num. obs.	3388	2596	2013	5973	13970
Fixed effects: Policy Area	11	11	11	11	11
Fixed effects: Election Year	5	5	5	5	5
Fixed effects: Region	11	11	11	11	11
Deviance	806.48	2801.53	1962.60	3033.45	9812.38
Log Likelihood	-403.24	-1400.76	-981.30	-1516.73	-4906.19
Pseudo R2	0.03	0.04	0.03	0.03	0.03

Note: \*\*\*p < 0.001; \*\*p < 0.01; \*p < 0.05

## **G** Coding Instructions

This document contains an overview of the categories relevant for the coding task of Japanese candidate manifestos. Each of the policy areas corresponds to one Diet committee. Below, we provide example statements from manifestos that fall into each category of policy area/Diet committees.

Please read the statements carefully and get back to the authors of the project if you have any questions.

You will receive a spreadsheet in the following format:

sentence	sentence_pre	sentence_post	sentence_id	policy_area	type
Sentence to	Previous	Following	unique	Use	Pledge; credit
be coded	sentence	sentence	identifier	abbreviations	claiming;
				described	clarification of
				below; leave	issues; former jobs
				empty if not	
				codable	

The column *sentence* contains the statement to be coded. *sentence\_pre* contains the statement that appeared before the statement to be coded. *sentence\_post* shows the statement that appeared after the statement to be coded. These statements will give you an overview of the context. However, only code the policy area of *sentence* which is highlighted in red font. If you cannot determine the policy are of a statement, please leave the field *policy area* empty.

sentence\_id is a unique identifier that we use merge the statement back to the original manifesto. In the column policy\_area you write down the name of the area using the abbreviations next to the headlines (e.g. agriculture; economy\_trade\_industry).

In the column *type*, you write down the category of a statement. A close manual inspection of statements revealed four categories:

- Pledge (promise)
- Credit claiming
- Clarification of issues
- Former jobs

At the end of this document, we provide examples for each of the four types. First, we present the policy areas, along with the abbreviation to be used in the spreadsheets, along with example statements.

## **Policy Areas**

## **Agriculture, Forestry and Fisheries** (agriculture)

- S1: 農業自給率 50%を目標に引き上げ、農産物の輸出支援戦略をつくる。
- S2: 運転資金の円滑な継承や漁船漁業の再生など、水産業の安定強化に努めます。
- S3: 担い手を強化し、競争力のある農業を育成。
- S4: 農協改革に対しては自己改革を重視し、地域の協同体を崩壊させす、後継者を育成し、農地を守り、所得を安定させるという視点で、改革すべきところは改革し、守るべきものは守ります。
- S5: 県や市町村の持つ農業試験場、大学内の研究施設、農林漁業者の自助努力、これらを連動させ、アイデアに富んだ農林漁業を創造します。
- S6: ☆日本の農林水産業を守るため、TPP 交渉参加に反対します。
- S7: 米価の下落により窮地に立たされている農家の代弁者として、国に支援 を強力に要請します。
- S8: もっと新潟の食・花・農業を全国・全世界へ 第三の矢 食・農業特区を 新潟に選定!
- S9: 活力ある農業を育成 人づくりこそ国づくり!
- S10: また、日本を支える農林水産業の活性化を推進し、熊本の元気を取り 戻します。
- S1: Raise the agricultural self-sufficiency rate to 50% and create an agricultural export support strategy.
- S2: I will strive to strengthen the stability of the fishery industry, such as the smooth transfer of working capital and the regeneration of fishing vessels.
- S3: Strengthen leaders and foster competitive agriculture.
- S4: Emphasis on self-reform for agricultural cooperative reforms, reforming areas that should be reformed from the perspective of collapsing local communities, fostering successors, protecting farmland and stabilizing income, I will protect what I should protect.
- S5: Agricultural testing grounds owned by prefectures and municipalities, research facilities in universities, self-help efforts of agricultural and forestry fishermen, and links between them to create an agroforestry and fishery that is rich in ideas.
- S6: I will not participate in TPP negotiations to protect Japan's agriculture, forestry and fisheries industry.
- S7: I strongly request the support from the country as an advocate for a farmer who is standing in a remote area due to the decline in rice prices.
- S8: More Niigata food, flowers and agriculture nationwide and worldwide. The third arrow. Niigata for the food and agricultural special zone!

- S9: Cultivate vibrant agriculture.
- S10: I will also reinvigorate the agriculture, forestry and fisheries industries that support Japan, and restore Kumamoto's spirit.

#### Cabinet (cabinet)

- S1: 近年急増している振り込め詐欺やストーカー事件など治安への不安。
- S2: また、かつて世界一安全な国と讃えられた日本を再び取り戻すために、 長期的な視野に立ち、「治安・防災対策」を強化します。
- S3: 災害からの復旧、復興を着実に進めます。
- S4: 女性の能力を存分に発揮できるようにします。
- S5: まず復興。
- S1: Anxiety about security, such as wire fraud and stalking incidents that have been increasing rapidly in recent years
- S2: Also, in order to regain Japan, once regarded as the safest country in the world, I will strengthen "security / disaster prevention measures" from a long-term perspective.
- S3: I will steadily implement disaster recovery and recovery.
- S4: I will make full use of women's abilities.
- S5: First, reconstruction.

## **Economy, Trade and Industry** (economy trade industry)

- S1: エネルギー産業の先進地として国の発展に貢献し、活力ある地域を目指します。
- S2: さらに、地域産業を活性化するとともに、地域の中小企業が持つ潜在力を引き出す政策に取り組み、地域雇用の拡大と地域を豊かで元気にする美濃・飛騨ブランド製品の保護と育成に尽力する覚悟です。
- S3: 前向きなマインドを保て 必要なのは企業経営者の前向きマインドを支える的確な産業政策です。
- S4: 経済の発展に必要な、新たなエネルギーの安定供給に取り組んでいきます。
- S5: 中小企業の資金繰り支援を進めます。
- S6: 日本を支える「中小企業」に活力を!
- S1: Contribute to the development of the country as an advanced area of the energy industry and aim for a vital area.
- S2: In addition, I will revitalize local industries, work on policies to draw out the potential of local SMEs, and strive to protect and nurture Mino and Hida brand

- products that expand local employment and make the region rich and healthy. I am prepared.
- S3: Maintain a positive mind. What is needed is an appropriate industrial policy that supports the positive mind of corporate managers.
- S4: I will work on the stable supply of new energy necessary for economic development.
- S5: I will promote funding support for SMEs.
- S6: Energize SMEs that support Japan!

## **Education, Culture, Sports, Science and Technology**

(education culture sports science technology)

- S1: 職業系高校の教育内容を充実、産業技術のスペシャリストを養成します。
- S2:「人間の向上」のための教育改革を推進します。
- S3: 愛国心や愛郷心、家族や人への思いやり教育の推進と教師の育成に尽力 します。
- S4: 日本人の心根を伝え、確かな学力がつく教育を!
- S5: 教育‡若い世代の健全な成長のために教育改革を進めます。
- S6: 教育を、取り戻す。
- S7: 世界トップレベルの学力と人間力を目指します。
- S8: 科学技術立国の復活 持続的な成長にはイノベーションが不可欠です。
- S9: わが国を愛する心を育み世界的に活躍するたくましい人材が育成できる 世界トップレベルの教育立国を目指します。
- S1: I will improve the education content of vocational high schools and train industrial technology specialists.
- S2: Promote educational reforms to improve people.
- S3: I are committed to promoting patriotism, patriotism, caring education for families and people, and training teachers.
- S4: Education that conveys the roots of the Japanese people and has a solid academic ability!
- S5: Education ‡ I will promote educational reform for the healthy growth of the younger generation.
- S6: Regain education.
- S7: Aim for world-class academic and human abilities.
- S8: Reviving science and technology nations Innovation is essential for sustainable growth.

• S9: Aiming to be the world's top-level educational country that can cultivate strong human resources who can cultivate hearts that love Japan and play an active role globally.

## **Environment** (environment)

- S1: 地球環境を守るため全力を尽します。
- S2: 地球規模の環境問題対策 クールビズなど身近な環境対策から、「京都議定書目標達成計画」にある二酸化炭素の6%減などの地球規模の環境問題に繋げていきます。
- S3: 地球環境を守るための国際貢献を増やします。
- S1: I will do our best to protect the global environment.
- S2: Measures for global environmental problems From familiar environmental measures such as Cool Biz, I will lead to global environmental problems such as 6% reduction in carbon dioxide in the Kyoto Protocol Target Achievement Plan.
- S3: Increase international contributions to protect the global environment.

## Financial Affairs (financial)

- S1: デフレの克服により、給与所得を増やし、国内の活発な個人消費を促します。
- S2: 地域金融を強化し、個人保証から脱却する法改正を行います。
- S1: By overcoming deflation, I will increase salary income and encourage active domestic consumption in the country.
- S2: I will revise the law to strengthen regional finance and move away from personal guarantees.

#### Foreign Affairs (foreign)

- S1: 日米同盟の強化のもと、国益を守る、主張する外交を展開します。
- S2: その他にも多くの外交問題が山積しておりますが、外交は国民生活に大きく影響を与える極めて身近な問題です。
- S1: Under the strengthening of the Japan-US alliance, I will develop a diplomacy that protects the national interest.
- S2: There are many other diplomatic issues, but diplomacy is a very familiar issue that greatly affects people's lives.

## Health, Labor and Welfare (health labor welfare)

- S1: 社会保障制度改革 将来の生活安定化のために、安心できる年金制度 を!
- S2: 自分の将来が見える年金・医療制度 将来いくら年金を受け取れるのか、病気のときどうなるのか、あらゆる世代に対してはっきりさせる、わかりやすく見通しの効く制度を実現したい!
- S3: 安心して暮らせる社会保障制度の構築 持続可能な社会保障制度を確立し、子ども・子育て支援、医療、介護等の充実を図ります。
- S4: 「特養ホーム・保育園」待機者 50%減らす。
- S5: 誰もが安心できる年金・医療・介護制度に。
- S1: Social Security System Reform A safe pension system to stabilize the future of life!
- S2: Pensions and medical systems that allow you to see your future I want to realize an easy-to-understand and prospective system that makes it clear to all generations how much they can receive in the future and what happens when they are sick!
- S3: Establishing a social security system where people can live with peace of mind Establishing a sustainable social security system and enhancing child / child-rearing support, medical care, nursing care, etc.
- S4: Reduce the waiting time for "specialized nursing homes / nursery schools" by 50%.
- S5: A pension, medical care and nursing care system that everyone can feel secure about.

## **Internal Affairs and Communications** (internal)

- S1: 「地方に住みたい」を実現できるよう後押し。
- S2: その第一歩が「郵政改革」です。
- S1: Prompt to realize "I want to live in a rural area".
- S2: The first step is postal reform.

## Justice Affairs (justice)

- S1: 裁判の迅速化と公平性を高めます
- S2: 出入国 管理 の 強化 で 、 安心・安全 の 東京 を 取り 戻 し ます
- S3:「自動車 運転 致死傷 処罰 法」 を新設 し、無免許 連 転 や 飲酒 運転 隠しを 厳罰 化
- S4: 司法 制度 改革 を 推進 し て 、 開 か れ た 裁判 制度 を つくり ます
- S5: 迅速 な 裁判 など 司法 改革 を 行い ます
- S6: 犯罪 被害 者 の 人権 を 尊重 した 捜査 や 裁判 の 実現 を 目指 し ます

- S7: 被害 者 の 人権 に 配慮 した 、 法 体系 を 整備 し ます
- S1: Accelerate trials and increase fairness
- S2: Recovering safe and secure Tokyo by strengthening immigration control
- S3: Established the Act on Punishment of Cars Lethal and Injury to Strictly Penalize Unlicensed Revolving and Drunk Driving
- S4: Promote judicial system reform and create an open court system
- S5: Perform judicial reforms such as quick trials
- S6: Aiming to realize investigations and trials that respect the human rights of crime victims
- S7: Establish a legal system that takes into account the human rights of victims

## Land, Infrastructure, Transport and Tourism (land infrastructure tourism)

- S1: 民営化によって経営の合理化と工夫が実現でき、料金収入の拡大と高速 道路の活用が増大します。
- S2: 圏央道のほか、6号国道バイパス、TX 延伸問題等に取り組みます。
- S3: 能登空港への国際チャーター便誘致や能越自動車道の整備を促進し、国内外から多くの人が訪れる能登をめざします。
- S4: 大阪へ乗り換えなし1本 神戸と北播磨を南北に縦断する高速道路の実現 神戸へ直行40分。
- S1: By privatization, management can be rationalized and devised, increasing toll revenue and using highways.
- S2: In addition to the Ken-O Expressway, I will work on the No. 6 National Highway Bypass and the TX extension problem.
- S3: I will promote international charter flights to Noto Airport and the development of the Noetsu Expressway, and aim for Noto, which is visited by many people from home and abroad.
- S4: No transfer to Osaka. Construction of a highway running north and south between Kobe and Kita-Harima. For 40 minutes to directly go to Kobe.

## **Security** (security)

- S1: 国民を守り、友好国から信頼される防衛をつくります。
- S2:「普天間」から日本を変えるここ沖縄2区は、普天間を始めとする米軍 基地が面積の大半を占め、わが国防衛の最重要地域となっています。
- S1: Protect the people and create defenses trusted by friendly countries.
- S2: Changing Japan from "Futenma" In the 2nd district of Okinawa, the US military base, including Futenma, occupies most of the area and is the most important area for defense of Japan.

## Types of Statements

## Pledges (pledge)

- 運転資金の円滑な継承や漁船漁業の再生など、水産業の安定強化に努めま。
- I will work to stabilize and strengthen the fisheries industry such as the smooth inheritance of working capital and the repair of fishing vessels.

## Credit claiming (credit\_claiming)

- 司法 制度 改革 に 尽力 し 、 裁判 の 迅速 化 、 法曹 養成 の 拡充 など の ほか 、 受刑者 の 人権 尊重 の ため の 行刑 改革 も 進 め ま した
- I have engaged in judicial reforms and advanced speedier trials, the fostering of the legal profession, the reforms of the administration of punishment to respect the human rights of inmates.

## Clarification of issues (clarification)

- 国際社会問題について イラク・北朝鮮問題等、不安定な世界情勢となっています。
- The situation in the international community such as Iraq and North Korea issues becomes unstable.

## Former jobs (former jobs)

- 阪大病院、国立呉病院・中国地方がんセンター、大阪警察病院等を経て、 地元高槻でがん診療に従事しつつ、京大院医療経済学教室にて、医療再生 と社会保障について政策提言等の活動中。
- After working at Osaka University Hospital, Kure Hospital, Chugoku Cancer Center, and Osaka Police Hospital, I am working on cancer treatment in my home town, Takatsuki and making policy proposals on medical services and social security at Kyoto University.