



Article scientifique

Article

2018

Published version

Open Access

This is the published version of the publication, made available in accordance with the publisher's policy.

When All Parties Nominate Women: The Role of Political Gender Stereotypes in Voters' Choices

Lefkofridi, Zoe; Giger, Nathalie; Holli, Anne Maria

How to cite

LEFKOFRIDI, Zoe, GIGER, Nathalie, HOLLI, Anne Maria. When All Parties Nominate Women: The Role of Political Gender Stereotypes in Voters' Choices. In: Politics & gender, 2018, vol. 15, n° 4, p. 746–772. doi: 10.1017/S1743923X18000454

This publication URL: <https://archive-ouverte.unige.ch/unige:168510>

Publication DOI: [10.1017/S1743923X18000454](https://doi.org/10.1017/S1743923X18000454)

When All Parties Nominate Women: The Role of Political Gender Stereotypes in Voters' Choices

Zoe Lefkofridi

University of Salzburg

Nathalie Giger

University of Geneva

Anne Maria Holli

University of Helsinki

Do political gender stereotypes exist in egalitarian settings in which all parties nominate women? Do they matter for candidate selection in systems of proportional representation with multiparty competition and preferential voting? To date, these questions remain unanswered because related research is limited to the U.S. case. Our pioneering study

We are grateful to Marta Frailé, Yvonne Galligan, Leonie Huddy, and Mikko Mattila, as well as the late Richard Matland, for constructive comments on earlier versions of this article. We also appreciate input by the participants in the workshop on “Gender, Political Behaviour and Representation in ‘Preferential’ Electoral Systems” at the ECPR Joint Sessions, University of Mainz, and in the “Colloquium on Political Behaviour” at the European University Institute, Florence. We are indebted to Hanna Wass for her invaluable contribution to the generation of the data analyzed in this article. We thank Åsa von Schoultz for providing us additional information on Finnish parties’ lists based on her database “The Intraparty Dimension of Politics: Candidates Nominated in Finnish Parliamentary Elections 1995–2015.” Last but not least, we thank Statistics Finland for permission to use Gender Barometer data and the Academy of Finland of supporting this research (project no. 130478).

Published by Cambridge University Press 1743-923X/18 \$30.00 for The Women and Politics Research Section of the American Political Science Association.

© The Women and Politics Research Section of the American Political Science Association, 2018
doi:10.1017/S1743923X18000454

examines political stereotypes in one of the “least likely” cases, Finland — a global forerunner in gender equality. We find, first, that stereotypes persist even in egalitarian paradises. Second, when testing across settings of candidate choice, we find that the effect varies greatly: political gender stereotypes are powerful in hypothetical choices, but they work neither in favor of nor against female candidates when many “real,” viable, experienced, and incumbent female candidates are competing. Although in open-list systems with preferential voting, gender stereotypes can directly affect female candidates’ electoral success, in Finland, their actual impact in real legislative elections appears marginal.

Keywords: Gender, stereotypes, vote choice, candidates, multiparty systems, open-list PR, equality

In most parts of the world, political representation remains unequal in terms of gender. Besides structural-institutional barriers on the supply side of politics, research has shown that obstacles to women’s representation also exist on the demand side. Gender schemata and stereotypes about women’s and men’s characteristics and competences have been regarded as major factors behind the slow advancement of women in the public sphere (Valian 1999). Empirical knowledge of gender stereotypes in politics comes principally from studies of the United States, where two parties compete, women’s officeholding is uneven, and the scarce female candidates come predominantly from the Democratic Party (e.g., King and Matland 2003; Sanbonmatsu 2006). In this context, a voter favoring a female candidate but holding more conservative attitudes faces a trade-off between following either his/her partisan or his/her gender preferences. As Lawless (2015, 357) explains for the U.S. case, “when voters navigate the current political environment — one in which both gender and partisanship may be relevant — candidate party, in most cases is likely to trump candidate sex as an evaluative criterion.”

However, to what extent do political gender stereotypes matter in contexts in which voters’ choices of candidates are not constrained by partisan cues, as in the United States, because there is a large supply of female candidates from all competing parties? Furthermore, to what extent do gender stereotypes matter for voters’ choices among candidates when proportional representation (PR) rules are used and more than two parties compete?

To date, these questions remain unanswered because European scholarship has largely neglected the nature and extent of this voter bias for or against candidates. On the one hand, the few noteworthy studies that examine the effect of gender stereotypes in European settings

concern hypothetical choices (e.g., Aalberg and Jennsen 2007; Kukołowicz 2013; Matland 1994), as opposed to the selection of candidates in real-life contests. On the other hand, prominent research that investigates the fate of “real” female candidates in European PR systems (e.g., McElroy and Marsh 2010; Górecki and Kukołowicz 2014) does not specifically test the effect of gender stereotypes. This is because items inquiring about gender stereotypes are absent from national election studies across Europe. Hence, the endurance of stereotypes and their impact on vote choices in European multiparty settings remain largely unknown.

In pursuit of these questions, our study contributes to the literature in three important ways. First, we advance theory by exploring novel conditions under which stereotypes matter. We examine stereotypes in Finland, a case that differs greatly from previous investigations regarding the state of achieved gender equality, electoral rules, and party competition, as well as the relationship between gender and partisan cues. Competition between female and male candidates takes place *within* the party, as all parties’ lists contain candidates of both sexes. Hence, supporters of all parties can select one among many female and male candidates at no cost to their partisan preferences. At the same time, however, the Finnish electoral system offers voters a unique possibility to discriminate against female candidates given that they must always make a choice between the two genders. Hence, by conducting a harder test of the effect of stereotypes, our study examines whether the insights gained from the single U.S. case hold in a diametrically different case. Second, we inquire about the role that women’s “dosage” (or women’s numbers) in politics plays and show that developments in gender equality weaken but do not completely eliminate stereotypes. Third, we show that stereotypes’ impact may vary across different settings of candidate choice. Our results show that while stereotypes always work in the hypothesized direction, their impact is marginal when many viable female candidates compete.

GENDER SCHEMA THEORY AND POLITICAL GENDER STEREOTYPES

The role of perceptual and cognitive processes was first introduced in political science via Robert Axelrod’s (1973) schema theory. According to this framework, people use schemata to make sense of the world (cf. Berger and Luckmann 1966): when new information becomes available, people try to

fit it into the pattern used in the past to interpret information about the same situation (Axelrod 1973, 1248). Thus, when evaluating a person, for example, individuals use stereotypes as heuristics that help them decide whether that person possesses a specific attribute (Fiske and Neuberg 1990). For social psychologists, a “stereotype” is a set of beliefs about the personal attributes of a group of people (Ashmore and Del Boca 1981). Stereotyping is the act of assigning to individuals characteristics or traits based on their membership in a group or category (e.g., Catholic, Republican, black, woman, etc.). This means that the variation within the group is disregarded, and all group members are assumed to have identical characteristics.

Gender schemata are preexisting, implicit, unconscious assumptions about differences between men and women that are rooted in historically socialized roles of men and women (Fox and Oxley 2003). Children learn how their society and/or culture understand the role of a man and that of a woman and internalize this knowledge as a gender schema, which they use to organize and process subsequent experiences (Bem 1981, 1993). Gender schemata affect our assumptions and expectations concerning men and women, our evaluations of their work, and their professional performance (Valian 1999). In politics, gender stereotyping ascribes to male and female politicians certain characteristics in terms of *character* or *competence* because of their gender (Huddy and Terkildsen 1993b). To illustrate, some characteristics or areas of expertise are considered related to the “male” or “masculine” category, whereas others are regarded as related to the “female” or “feminine” category. Pro-men and pro-women bias can stem from different *types* of political gender stereotypes, which we elaborate next.

First, research has established a systematic gender bias in trait attribution. Female candidates are typically perceived as warm, compassionate, caring, consensus building, passive, kind, and emotional (“maternal effect”); male candidates are viewed as logical, rational, assertive, decisive, strong, able to provide strong leadership, direct, knowledgeable, and ambitious (e.g., Huddy and Terkildsen 1993b; Matland 1994; Rosenwasser and Dean 1989).

People hold gender-schema-based assumptions about individual candidates’ policy interests and/or expertise. In other words, gender stereotypes provide a means for linking women with some issue areas and men with others. As Kathleen Dolan (2004) explains, this type of stereotyping is strongly related to trait stereotypes: on the one hand, women are perceived as more interested in or better able to act for issues related to “compassionate” topics (e.g., health, elderly, children, family, environment). Women are also perceived as more competent than men

for dealing with women's issues, such as women's rights or gender equality (Huddy and Terkildsen 1993b). On the other hand, men are perceived as more apt than women to deal with different types of issues, such as foreign affairs, security and defense, and economics (e.g., Alexander and Andersen 1993; Koch 2000; Matland 1994).

Based on these (perceived) differences between women and men politicians, gender schema theory suggests that some voters are likely to have a preference for one gender over the other — what Sanbonmatsu (2002) calls “baseline gender preference”. This means that voters have underlying predilections regarding gender when voting (e.g., Rosenthal 1995; Sanbonmatsu 2002), which results in some voters preferring to be represented by a man and others preferring to be represented by a woman. Representation theory suggests that when selecting a representative, voters are likely to consider which among competing candidates possesses the “desired” character traits and competences (Mansbridge 2009). This means that gender stereotypes about candidates' traits, characteristics, beliefs and behaviors may impact voters' choices between women and men candidates at the ballot box.

We know little about whether political gender stereotypes persist or fade over time, along with developments in gender equality or whether they matter in contexts of multiparty competition with a large supply of female candidates, in which gender and partisan cues are entirely disentangled and competition between female and male candidates takes place *within* the party (for intraparty competition in Finland, see Villodres 2003). We have reasons to believe that the size and kind of women's “dosage” in politics matter for the impact of stereotypes. Recent research (Giger et al. 2014) shows that, besides a higher district magnitude (more seats open for competition), shares of female candidates within district and members of parliament (MPs) at the time of election matter for voters' choice of female candidates. In other words, stereotyping may result in women being perceived as *less* qualified in settings in which female presence is low, and it may not matter in settings in which their presence is sizeable.

DO GENDER STEREOTYPES OUTLIVE EGALITARIAN PARADISES? THE ROLE OF WOMEN'S DOSAGE IN POLITICS

Studies in psychology that investigate the impact of gender ratios on stereotypes about whether science is “male” have shown that prolonged exposure to high-female environments weaken science-is-male stereotyping,

while prolonged exposure to low-female environments strengthen it (e.g., Smyth and Nosek 2015). If the "dosage" of women indeed matters for stereotyping, we should observe the same in politics. To examine whether the strength of political gender stereotypes changes over time, we choose one of the most gender equal countries in the world: Finland. Finnish women were the second in the world to gain suffrage in 1906. Simultaneously, women were made eligible in legislative elections, with the first parliament elected in 1907 having 6% female MPs. Women's representation has increased steadily ever since, reaching more than 40% in the 2000s, notably, without any electoral gender quotas in place. The gender composition of the Finnish parliament is more balanced (42.5% women in 2011, 41.5% in 2015) than those in most other Western democracies¹. Women were also recruited to government very early on: the first female minister was appointed in 1926. Between 1991 and 2015, there was gender parity (between 40% to 60% of each sex) in ministerial positions in the cabinet; in fact, from 2007 to 2011, women held 60% of cabinet posts. Unlike most other countries in the Western world, Finland has even had a female president, Tarja Halonen (2000–2012). We argue that a higher percentage of women in Finnish politics is likely to weaken the perception that politics is a man's world and that women are not fit for it. We thus hypothesize that *political gender stereotypes in Finland are likely to have weakened over time* (**H₁**).

We further argue that understanding "how voters who hold stereotypes end up evaluating and choosing (or failing to choose) women candidates" (Dolan 2014a, 4) requires an examination of stereotypes in a PR electoral system with multiparty competition in which all parties supply female candidates, so that voters can vote for a woman without having to vote for "the other side," as in two-party systems (Giger et al. 2014; see also McElroy and Marsh 2010). This is a key difference from previous studies in which gender and partisan cues were intertwined: both experimental (e.g., Rosenthal 1995; Sanbonmatsu 2002) and real-world studies of the United States (e.g., Brians 2005; Dolan, 2004, 2014) investigated situations in which a woman is pitted against a man. For some voters, this creates a conflict between partisan and gender preferences (e.g., Hayes 2011; Plutzer and Zipp 1996).

Though gender becomes less relevant in *interparty* competition when all parties supply large proportions of female candidates, this does not mean that it is irrelevant in *intraparty* competition. Among PR systems,

1. Appendix A online presents the exact numbers (and percentages) of female candidates and elected MPs in 2011.

the Finnish case constitutes an exceptionally fruitful environment in this regard because the Finnish electoral rules grant voters a lot of power to select among candidates on a list. Finland uses a “completely open” list proportional electoral system in which preferential voting is *mandatory*. Voters are required to choose only one among many alphabetically ordered candidates — a choice that includes a selection between male and female candidates of the same party. As they can directly favor specific candidates, voters have great potential to influence the representation of different sexes. Given that ideology varies little within Finnish parties (i.e., across candidates of the same party), this case provides us with much stricter conditions for the test of gender stereotypes. If gender stereotypes persist even in egalitarian settings, then they should also impact voters’ choices at the ballot box. We thus hypothesize that *political gender stereotypes in Finland are likely to affect voters’ choices* (H_2).

Given that we operate in a European multiparty environment, we need to discuss two concepts that are theoretically relevant to studying the effect of gender stereotypes. First, incumbency provides an advantage for candidates because it functions as an indicator of experience in politics and increases the likelihood of evaluating a candidate as “fit for the job.” In majoritarian systems with single-member districts, what matters is the incumbency of female/male candidates coming from two opposing parties. However, in PR systems with multimember districts, we can consider female incumbency in the entire constituency (district), taking into account all competing parties or female incumbency among elected members of a single party in the district.

Second, analogous to the differences observed between American Democrats and Republicans (Dolan 2014b), in Europe, we would expect differences between right-wing and left-wing voters. Right-wing ideology is generally associated with conservative views regarding women’s role in society as well as programs that are less inclined to promote women’s rights. Hence, various gender stereotypes (issue, beliefs, and/or traits) may provide right-wing voters with reasons to view women candidates in a particularly negative light (see also Sanbonmatsu 2008). For instance, women may be evaluated as inferior candidates if they are perceived as less apt to deal with core right-wing policy concerns, such as security and defense.² A similar argument could be

2. Here we must also mention that, contrary to other Nordic countries, a majority of Finnish women vote for right-wing parties. Given the advancement of gender equality and women’s position in Finland,

made for left-wing or socially liberal voters. Assuming that being leftist implies promoting women's issues and gender equality, based on stereotypes, left-wing voters should see women candidates more positively than men. To illustrate, women may be perceived as more suitable for dealing with social policy — a primary left-wing concern — or the fight against discrimination and promotion of gender equality. In the Scandinavian context, Matland's (1994) experimental study of Norway revealed that the effect of gender bias differs according to the respondent's political persuasion; also, female candidates were evaluated most harshly by conservative women, and especially among those with low interest in politics. Given this initial evidence, we must also consider ideological differences among voters when studying gender stereotypes.

CONTEXTS OF CHOICE: A NOTE ON HYPOTHETICAL AND REAL BALLOTS

To recall, stereotyping is a simplistic process of impression formation, whereby an individual utilizes categories (or stereotypes). This stands in contrast to the (slower and costlier) individuating or data-driven process, whereby individuals examine the "target" in detail to determine whether it indeed possesses the attribute. Along with her or his party label,³ the candidate's gender can serve as an important low-information shortcut or heuristic that helps the individual form an opinion without engaging in costly and slow processing of information on policy stances or past performance of a candidate (Bianco 1998; Lau and Redlawsk 2001; Popkin 1991). Following this logic, we assume that voters' capacity for gathering the necessary information in order to evaluate different candidates is determined by how much time they have at their disposal and how much more information is available to them. We also assume that voters' willingness to invest time and gather information on the available candidates is related to whether the choice they make is consequential for policy making.

this trend has surprised scholars (e.g., Inglehart and Norris 2003). It should be noted that, contrary to the U.S. case, in Finland, there is no big difference between left-wing parties and right-wing parties in supply of women candidates and elected women. That said, the general wisdom about left-wing voters and parties being more positive toward both women and gender equality also holds in Finland.

3. While the gender of a candidate serves as an easy cue for linking certain attributes to a candidate, partisanship has long been considered as the most widely used category for assigning issue positions and ideological orientations to candidates. This is hardly surprising, given that partisanship constitutes key for understanding political behavior and has been among the most influential concepts in American and European electoral research more broadly (for a recent discussion, see Garzia 2013).

First, choices concern differences among available options. When asked to choose between equally qualified female and male candidates outside the context of a real political conflict, the most prominent difference between female and male candidates — and thus the most important information at hand and key discriminating factor between them — is their gender. In other words, it is easy for respondents to use gender as a criterion for judgment and thus employ gender stereotypes when evaluating and selecting between hypothetical candidates.

Second, choices are also about potential consequences. Hypothetical choices are by definition inconsequential. Even if voters possess the time and the will to look for additional information about the candidates, and even if information is made available to them, voters know *a priori* that the choice they make is inconsequential — that is, it has no implications for their life and the policies that will be pursued in their country. Thus, reliance on political gender stereotypes appears to be an attractive low-cost shortcut for opinion formation that leads to choice, and we would expect such stereotypes to matter for a decision between hypothetical candidates.

When called to select among real candidates, however, voters are faced with a different informational environment, and the choices they make may matter for policy making. There is much more information available, such as candidate incumbency or experience in politics. Here, gender is one among many criteria that individuals might employ to make a choice among politicians whom they have seen talking in the media or at local events. Contrary to the hypothetical setting, in real elections, campaigns last at least a couple of weeks and voters have more time to gather important information on specific candidates. Crucially, the choice that voters make in real electoral settings has political relevance due to its consequences for the direction of policy. Hence, voters should be more inclined to gather information and engage in an information-driven process of candidate evaluation than rely on political gender stereotypes only.

In sum, while the (stereotype-driven) predisposition to select a female or male candidate may be powerful in explaining a choice between hypothetical candidates, it may fade when making a “real” selection at the ballot box.⁴ We thus test the influence of gender stereotypes in two

4. Here we side with Dolan about the need to see political gender stereotypes as part of a more encompassing model of candidate choice (Dolan 2010, 2014a; Dolan and Lynch 2014). See also Lawless (2015) or Brooks (2013), who report that there is no systematic bias against female politicians any longer.

different contexts. We specifically hypothesize that *the effect of political gender stereotypes is likely to vary across contexts of choice: the effect will be different in hypothetical compared to real choices (H₃)*.

METHODOLOGY

Data Sources

We use primary data generated through three representative surveys. To test **H₁**, we use data from the Finnish Gender Barometer that was fielded in 1998, 2001, and 2012. We support this evidence with recent data from two more surveys: one that we fielded during the 2012 presidential election in Finland and the Finnish National Election Study (FNES) that was conducted after the 2011 legislative election.⁵ We rely on these two surveys to test **H₂** and **H₃**. In what follows, we discuss our data sources in more detail.

First, the Gender Barometer comprehends a nationwide sample; it has been fielded every three years since 1998 with the purpose of documenting the development of gender equality in Finland. In three years (1998, 2001, and 2012), it included questions about the competence areas of politicians. To examine **H₁** about whether political gender stereotypes weaken over time, we analyze responses regarding female and male politicians' competences in two policy areas: economy and social policy. Besides enabling us to trace the evolution of Finnish public opinion on politicians' policy competences over time, these two items are also included in the two other surveys we use; this allows us to compare information generated by different surveys.

Second, to test **H₂** and **H₃** we use two surveys that were specifically designed for the purpose of the present study. On the one hand, we fielded an original survey⁶ during the January 2012 election of the Finnish president — whose portfolio entails policies typically considered “masculine”.⁷ This is the first mass survey in Europe to include both issue and trait stereotype questions while combining them with a

5. For more information on all three surveys as well as the questions' wording, see Appendices B and C.

6. More information is available in Appendices B and C.

7. Finnish presidential elections are held every six years and the president is elected by a two-stage procedure. In the 2000 Constitution, presidential powers were significantly reduced. The president is still in charge of foreign policy (although not any more independently, since presidential powers are now tied to the cabinet's consent). The president still functions as the high commander of the Finnish armed forces. Both of these tasks belong to policy areas considered masculine.

measure on the hypothetical preference for a female or male candidate (if two equally qualified candidates would run, would you prefer a man or a woman?). This question is *hypothetical* because, first, the question is formulated in abstract terms (i.e., no names are mentioned) and, second, in reality there were two female candidates from small parties who did not make it to the second round (unviable female candidacy). In this way, we test stereotypes in a context that resembles the hypothetical setting of experimental research because it entails an imaginary choice for the presidential office but is different from a pure experimental setting in that there is a real election happening in parallel, in which the outgoing president is a woman (Halonen). Respondents were asked to choose between two equally qualified candidates, a female or a male candidate. This constitutes our first dependent variable (*preference for female candidate in hypothetical setting*), which is coded so that 1 means preferring a female candidate while 0 means preferring a male one.

We also use the 2011 FNES that included a module of questions, which we designed carefully to ensure comparability with existing U.S. research. While the number of stereotype questions is smaller than the one in the survey we discussed earlier, it carries the advantage that it enables us to link stereotyped views to actual vote decisions in an election with a multitude of female candidates on all party lists.⁸

The latter survey concerns the legislative election and a real choice between candidates, whereas the survey mentioned above concerned a presidential election and a hypothetical choice among candidates. We will call them “legislative” and “presidential” surveys, respectively. Given that the legislative and the presidential surveys were conducted less than a year apart from each other, we expect the pattern of gender stereotypes not to have changed; hence, we can directly compare their consequences between different surveys, which refer to different contexts of choice: a real and a hypothetical one (H_3).

The structure of choice in Finnish legislative elections concerns a completely open-list proportional electoral system, in which voters chose one single candidate from a predominantly alphabetically ordered list.⁹

8. According to information by Statistics Finland, voters in all 15 districts and for all parties in 2011 had the choice between a female and male candidate on their preferred party list. See Appendix A online for detailed numbers.

9. For legislative elections Finland is since 2015 divided into 13 electoral districts. The number of representatives elected in each district is proportional to the number of citizens living in these districts. The number of seats won by each party is based on the total number of votes gained by its candidates. The candidate nomination process is decentralized (i.e., candidates are nominated by parties' local organizations in each district) and individual candidates are elected based on the

The FNES asks about whether the respondent chose a candidate of her or his own gender, so we are able to construct our second dependent variable (*vote for female candidate*). This is coded 1 if the respondent declares a choice of a female candidate and 0 otherwise.

Independent Variables

To test H_2 and H_3 , the primary independent variables of interest are respondents' political gender stereotypes. Following previous works (e.g., Huddy and Terkildsen 1993a, 1993b), we consider both personality characteristics and issue area competences. Our operationalization of political gender stereotypes includes issue competence (available in the presidential survey and the legislative survey) and personality traits (available only in the presidential survey).

A first battery of questions (included in both presidential and legislative surveys¹⁰) inquired whether respondents thought women or men in elected office are better at handling each of the following policy issues: security issues, the economy, social policy and equality policies, or whether they saw no difference. The individual answers are recoded into two variables: male policy issues (adding security and economy) and female issues (adding social and equality policy). Both measures are coded so that higher values mean more stereotyped views.

A second battery of questions (included only in the presidential survey) concerns trait stereotypes. Specifically, respondents were asked whether women or men candidates and officeholders tend to be more assertive,

number of preference votes received (Reynolds, Reilly, and Ellis 2005). The elections are proportional in the sense that each party, party alliance, constituency association or joint list wins seats in relation to the votes gained compared with votes cast for other groups. In contrast to other open list systems, in which parties rank candidates and, usually, the number of female names declines steadily from bottom toward top of the list (Millard, Popescu, and Toka 2013), the Finnish alphabetically ordered ballot provides voters with no cues regarding party preferences, and all (male or female) candidates have similar probabilities to appear high or low on the list (see name order effects, Miller and Krosnick 1998). Previous empirical work on Finland has shown that in the case of alphabetically ordered lists, there is no effect of the candidate's list placement on her or his electoral success (Villodres 2003). However, parties are allowed to use list types other than alphabetical, such as partisan lists that reflect the preferences of the party members. Though in earlier periods partisan lists were occasionally used by other parties as well, only one party, that is the SDP, used them in the 2000s. In the 2011 election, the year our data is from, SDP had partisan lists in four electoral districts: Häme, Kymi, Pohjois-Karjala (Northern Carelia), and Oulu. Excluding these observations does not alter the results presented here; see Appendix G3 online.

10. This battery allows checking the similarity between the presidential and legislative surveys, which are used to test H_2 and H_3 . The comparison of the results documented in the Appendix D online shows virtually identical answer patterns. This gives us confidence in that the surveys can be used simultaneously.

compassionate, consensus building, and ambitious, or whether there is no difference between them. Again, in accordance with previous research, we classify compassionate and consensus building as feminine traits and assertive and ambitious as masculine traits, and we build our additive measure of male and female traits accordingly.¹¹ Higher values represent more stereotyped views.

A third battery concerns the general competence of politicians. Respondents were asked whether men or women are better decision makers; also, they were asked whether women decision makers are better informed than men on issues important to ordinary people. Both questions tap into country-specific idiosyncrasies of gendered perceptions of politicians that we expect to shape the support for female candidates.¹² Again, an additive index was constructed, with higher values indicating more stereotypical views.

We include two additional sets of independent variables: the first is a series of sociodemographic controls that include education, sex, age, and left-right ideology. Ideology serves as a proxy for potential differences among party constituencies¹³ — something that has been extensively discussed for the U.S. case. A second group of controls is necessary when analyzing the 2011 FNES data, which concern actual electoral choices. To tackle the potential effects of incumbency in multimember districts with multiparty competition, we consider the role of incumbency at the contextual level — that is, whether the respondent faced a female incumbent for his or her preferred party.¹⁴ In addition, at the micro level, we include a measure of whether the respondent thought that prior experience is an important criterion for voters' selection among candidates. Finally, we include a variable asking about the importance of (female) descriptive representation, which has been shown to be influential by earlier work on Finland (Holli and Wass 2010).

11. First, we recoded all survey items so that higher values indicate more stereotyped views. Second, we constructed the factors by adding up the values of the two single items. As a result, the index ranges from 0 (no stereotypes) to 6 (very stereotyped views).

12. The latter question is modeled in relation to a typical Finnish woman's preconception and phrase about why we need women in politics and what they bring into it. This discussion revolves around ideas about "women as experts of everyday life" — as being closer (both in their own life and emotionally) to their voters and their everyday worries and life than men are.

13. Given the multiparty context of Finnish elections, the inclusion of party dummies is not an ideal solution. Please note, however, that we also report a model including party dummies in the Appendix G online. The results are very similar to those shown here.

14. This variable has been coded based on information available by Statistics Finland. A variable capturing whether there is a female incumbent at the district level would not yield variance as female incumbents were running in all districts.

As our dependent variables are dichotomous in nature, we estimate logistic regression models.¹⁵ We also ran alternative model specifications with additional sociodemographic controls as well as party and social class fixed effects; our results remained unchanged.

EMPIRICAL FINDINGS

We begin our empirical analysis with exploring the existence of political gender stereotypes in largely egalitarian Finland based on data from all three available data sources.

Political Gender Stereotypes in Egalitarian Finland

To explore whether political gender stereotypes weaken over time (H_1), we sketch their longitudinal development using Gender Barometer data. Both [Figure 1](#) (economy) and [Figure 2](#) (social policy) make apparent that there is an important development toward fewer stereotypes, as the shares of “equally good” are growing significantly since 1998. This holds for both economy, where men hold a slight advantage ([Figure 1](#)) and social policy, where women hold a much clearer advantage ([Figure 2](#)). Based on these time trends, we can speculate that gender stereotypes in politics will vanish in the sense that the shares of individuals answering “equally good” will continue to grow. We examined age cohorts separately and found that the development toward more neutral attitudes is similar for young and old voters.¹⁶ However, about one-quarter of the population (depending on the question) persistently holds stereotypes. With the data at hand, we can only reason about the drivers of this development. What is clear, though, is that it cannot solely be attributed to an increase in female parliamentary representation. In fact, the figures for female candidates and MPs in the Finnish parliament have been quite stable since 1999 (around 37% to 42%; see Appendix A online for details). We should note that from the beginning of the 1990s, the horizontal segregation of labor between male and female ministers gradually started to change in a more significant manner, whereby female politicians were given high-profile “male portfolios” (and vice versa). However, it took

15. We also tested a multilevel specification of our models, but likelihood ratio tests indicated that this specification is less parsimonious; thus, a simple logistic model is preferable.

16. For detailed graphs, see Appendix E online.

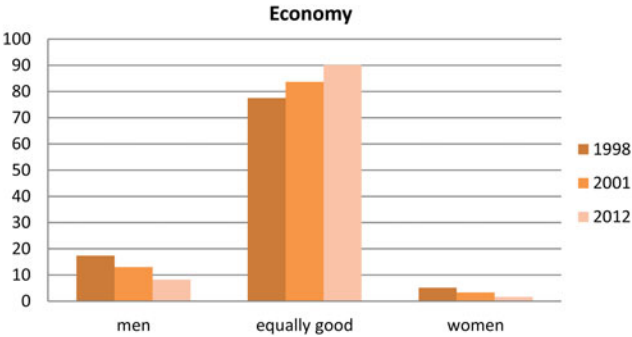


FIGURE 1. Issue competence stereotypes over time, economy. *N* = 1,839 (1998), 1,874 (2001), and 1,582 (2012). *Source:* Gender Barometer Finland.

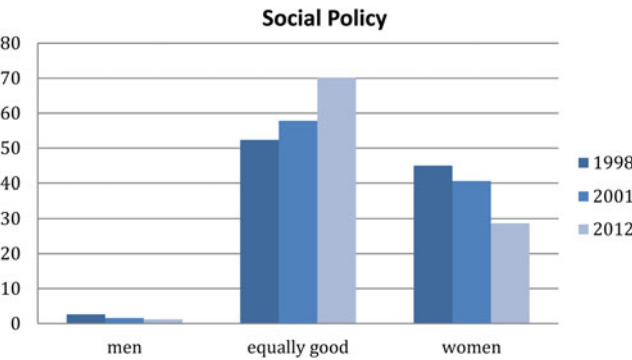


FIGURE 2. Issue competence stereotypes over time, social policy. *N* = 1,839 (1998), 1,874 (2001), and 1,582. *Source:* Gender Barometer Finland.

until 2011 for a woman to hold the influential position of the minister of finance for the first time.

We proceed with a supplementary illustration of political gender stereotypes based on the 2012 presidential survey,¹⁷ which includes an additional set of questions on trait stereotypes. Table 1 demonstrates the presence of political gender stereotypes in Finland: we see that most respondents answer that women and men would be “equally good” (about 50% of the sample). However, those that do not see men and women as “equally good” fall into the classic stereotypical categories of

17. Please note that our legislative and presidential surveys produce very similar results regarding issue competence questions (see Appendix D online).

Table 1. Frequencies of political gender stereotypes

	Men (%)	Equally Good (%)	Women (%)
<i>Issue Competence Stereotypes</i>			
Security	44.8	53.9	1.1
Economy	27.1	69.5	3.4
Social policy	6.1	58.4	35.5
Equality policy	9.3	64.6	26.1
<i>Personality Trait Stereotypes</i>			
Assertive	51.3	47.2	1.5
Compassionate	4.0	40.1	56.0
Consensus building	11.7	68.5	19.8
Ambitious	25.0	67.4	7.6

Note: Data from presidential (2012) survey. Question wording: “In your opinion, a MP of which gender is better able to act in the following matters?” (issue competence); “When you consider the candidates running in elections and the elected representatives in general, do you relate the following characteristics rather to men or to women?” (personality traits). N = 560.

existing literature: men are perceived as more competent in matters of security and economy, while women are perceived as more competent to deal with social and equality issues. Interestingly, compared to the U.S. findings, the shares of “equally good” are higher in Finland. At the same time, however, fewer Finnish voters hold counterintuitive stereotypes (e.g., women are more competent in the economy sector) than what is observed in the United States. Regarding trait stereotypes in Finland we see the following picture: assertiveness is a predominantly male (51.3 %) rather than female (1.5%) trait; the opposite is true for compassion, which appears to be a female (56%) rather than a male (4%) trait. On the other hand, in both cases, there are many respondents who associate these traits with both genders (47.2% and 40%, respectively). Ambition and consensus building seem to be relatively gender neutral, as higher proportions of respondents associate them with both genders; yet if we look closer, ambition tends to be a male trait (25%) and consensus building a female trait (19.8%). Delving deeper into the question who holds stereotypes (see Figures F1 and F2 in the online appendix), we find that stereotyped beliefs are more widespread among men and among partisans of two right-leaning parties, namely the National Coalition (KOK) and the True Finns.¹⁸

18. The KOK is a traditional right-wing party stressing market liberalism, whereas True Finns is radical right-wing populist party, which managed to quadruple (to 19.1 %) its votes in the 2011 election and became a governmental coalition partner in 2015. They differ very much in their inclusion of

Table 2. Preferences for and selection of male and female candidates

	<i>Full Sample</i>	<i>Men</i>	<i>Women</i>	<i>Left-Wing</i>	<i>Center</i>	<i>Right-Wing</i>
<i>Baseline Gender Preference</i>						
Vote for man (%)	61.4	83.2	39.6	35.1	57.0	75.7
Vote for woman (%)	38.6	16.8	60.4	64.9	43.0	24.3
<i>Gender Vote Choice</i>						
Vote for man (%)	55.5	68.3	43.0	52.5	55.7	57.3
Vote for woman (%)	44.5	31.7	57.0	47.5	44.3	42.7

Note: Data from presidential (2012) survey (upper row), N = 560; data from FNES (2011) legislative survey (lower row), N = 594.

Table 2 illustrates our findings concerning voters’ hypothetical preferences for female candidates (upper row) and actual choices of female candidates (lower row) as well as how they are distributed among male and female voters across the ideological spectrum. On the one hand, gender preferences exist, with voters preferring a candidate of their own gender to a large degree in a hypothetical setting (upper row), but in real-world electoral choices, male and female candidates are chosen almost to the same degree (lower row). We do see, however, a difference between the sexes: men consistently favor male candidates be it hypothetically (83.2%) or for real (68.3%). Only slightly more women opted for a female candidate (60.4%) in the hypothetical setting compared with the share of women who actually selected a female candidate in the legislative election (57%). On the other hand, ideology seems to play an important role only in hypothetical choices (upper row); when analyzing actual choices (lower row), we find almost no differences across the ideological spectrum. What is interesting is that right-wing voters tend to overselect men in the hypothetical setting of the presidential election compared with the actual legislative election. The opposite is observed for left-wing voters, who overselect women in

women: whereas the KOK has gender balance, True Finns is male dominated in terms of party membership, candidacies, and representation. The parties’ gender ideologies also display different characteristics: the KOK supports liberal gender equality (“equal opportunities”), whereas the pro-nativist, pro-family gender ideology of True Finns has been described as “conservative, if not outright anti-feminist” (Ylä-Anttila and Luhtakallio 2017, 43). True Finns tend to downplay any remaining gender equality problems related to women’s status, instead emphasizing men’s rights in a context where gender equality has supposedly gone “too far.” Our results suggest that also KOK supporters may be more conservative than the official party line in their opinions of women and men’s political roles.

the hypothetical setting compared with their actual choices in the real election. Interesting to note is that centrist voters behave in the exact same way across contexts of choice. These descriptive findings shadow regression results, where we find almost no differences according to ideology (results in Appendix H online).

Preference and Support for Female Candidates

Table 3 presents the results of our logistic regressions concerning hypothetical gender preferences (presidential survey) and real-world selection (legislative survey). Closely following previous work on the United States, the table includes factors (e.g., male policies) instead of single items (e.g., security, economy). Similar to the United States, stereotypes in Finland are highly relevant for explaining the preference for a female candidate (hypothetical choice between two equally qualified candidates) (Table 3, Model 1). The influence is in the expected direction: regarding issue competence, less stereotyped views on male policies and more stereotyped views on female policies are good predictors for a preference for a female candidate (in support of H_2). The same holds for less/more stereotyped views on male/female personality traits.

However, stereotypes are not particularly strong in explaining the actual electoral choice of a female candidate on a party list (Table 3, Model 2, against H_2). Here, we find only a very modest negative influence of male policies (i.e., less stereotyped views are associated with higher probability of choosing a female candidate). This finding is in line with our hypothesis about the influence of stereotypes on choices varying across contexts (H_3). In real choices, other factors seem to be much more important and gender stereotypes play only a very minor role. We should also note that general competence stereotypes (only included in Model 2) seem unimportant. With regard to control variables we report that: sex (female) proves significant in all models – that is, gender differences exist (as we also know from earlier work); respondents with high education are more likely to support a female candidate (if significant); and the desire for women's descriptive representation matters. A strong predictor for the electoral choice is also whether a female incumbent ran in the district. This corroborates previous U.S.-based findings regarding the enormous weight carried by incumbency for the selection of female representatives. Ideology is a significant predictor only for the

Table 3. Determinants of attitudes toward female candidates

	<i>Model 1</i> <i>Baseline</i> <i>Preference for</i> <i>Female</i> <i>Candidate</i>			<i>Model 2</i> <i>Vote for Female</i> <i>Candidate</i>		
Male policies	−1.078	0.194	***	−0.216	0.126	*
Female policies	0.172	0.158		0.147	0.114	
Female traits	0.727	0.164	***			
Male traits	−0.734	0.168	***			
General competence				−0.040	0.055	
High education	0.857	0.254	**	0.240	0.200	
Female	1.598	0.250	***	0.724	0.192	***
Age	−0.018	0.008	***	0.006	0.006	
Ideology	−0.282	0.049	***	0.056	0.042	
Descriptive representation important				0.263	0.071	***
Prior experience of candidate important				0.168	0.097	*
R party with female incumbent in district				0.814	0.202	***
Constant	8.159	1.26	***	−2.432	0.864	**
Pseudo R ²	0.413			0.099		
Log-likelihood	−219.06			−367.22		
N	560			593		

Note: Data from the presidential survey (Model 1) and legislative survey (Model 2).
* $p < .10$; ** $p < .05$; *** $p < .001$.

hypothetical choice and thus not a structuring factor of gender stereotypes as in the United States (see also models separated by ideology in the Appendix H online). This is a key difference between the U.S. two-party system and the Finnish multiparty system.

Figure 3 shows the extent to which stereotyped views on issue competence predict a higher probability of a preference for a woman in a hypothetical frame. Low scores on female traits and policies are associated with a higher probability of having a preference for a female candidate in the hypothetical setting. We can also see that male traits and policies have a stronger influence than female ones. Figure 4 concerns voters’ selection of female candidates in real life (otherwise all similar to Figure 3). Here, we see that stereotypes have a much lower influence: the slopes are very flat in the case of actual vote choices. In fact, none of the variables is significant, and the confidence bounds overlap.

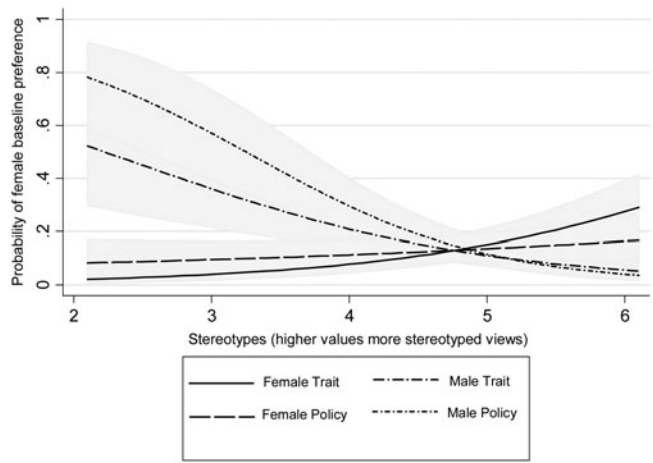


FIGURE 3. Impact of gender stereotypes on baseline preference for a female candidate. Figure is based on Table 3, Model 1. The gray areas reflect 95% confidence intervals.

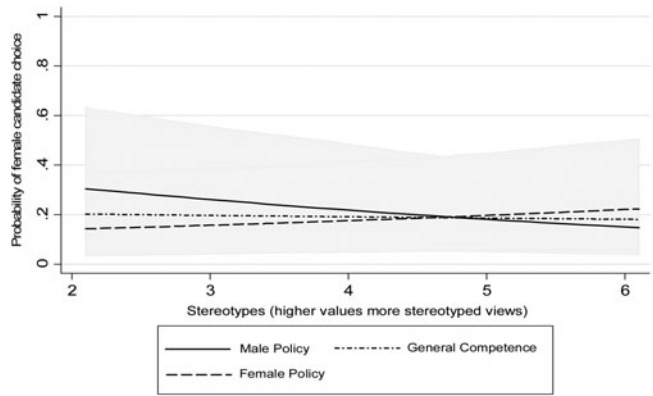


FIGURE 4. Impact of gender stereotypes on selection of a female candidate. Figure is based on Table 3, Model 2. The gray areas reflect 95% confidence intervals.

DISCUSSION AND CONCLUSION

Our pioneering study of political gender stereotypes in an egalitarian country with a multiparty open-list PR system produces findings with profound theoretical and methodological implications for the study of

political gender stereotypes. It not only shows that gender stereotypes diminish with women's increased presence in politics but also points out enduring disparities between male and female voters as well as voters on the different sides of the political spectrum. Moreover, it draws attention to the varying effects of gender stereotypes across genuine elections and hypothetical contexts.

To begin with, in Finland, political gender stereotypes diminish with time and they are less pronounced compared with the United States. This suggests that higher levels of gender equality and/or women's representation in politics weaken such stereotypes. Yet how much "dosage" of women is needed in politics and for how long — that is, does, for example, one incident of a female president suffice? To be sure, 14 years (the period covered by our data) may not be "enough" to see change over time. While declining trends observed in increasingly egalitarian Finland could point toward a more general tendency of diminishing stereotypes against female politicians if gender equality is promoted in politics and society, we should underline that stereotypes are not completely eradicated. In 2012, women were (still) perceived as better able to handle social and gender equality issues while men are perceived as better able to deal with economic and security issues (Table 1).

However, the (persistent yet declining) pattern of women's perceived superiority in social policy could also result from the politics of presence. Voters' evaluation of women as *more competent* than men in social policy could be stemming from voters' experience with female politicians' performance in this particular area. One of the normative arguments in favor of increasing women's descriptive representation is that women's presence in politics would improve women's substantive representation: women in power would politicize issues that matter to women. The expectation that female politicians engage more or better in issues of gender equality and social welfare that aim at increasing the autonomy of female citizens and at redressing female disadvantages in the areas of production, reproduction and care (Phillips 1995; Wängnerud 2000) has been empirically confirmed in the Nordic context. Studies of Sweden (Wängnerud 2000) and Norway (Skjeie 1992) show that compared with male ones, female politicians prioritized gender equality and social welfare issues more, especially during the 1980s and 1990s. In this reading, the findings presented in Figure 2 for Finland should not be primarily interpreted as a stereotypical predisposition; they could, instead, result from a positive evaluation of

women's performance in the policy areas *because* they were active in these areas (cf. Kuusipalo 2011).

That being said, our study of Finland connects to Wängnerud's (2000, 86) conclusion that women *should not* be confined to the policy areas that are important to women (more than they are to men). In the long term, "it would be rather peculiar", if women and men did not exercise power and influence in all domains to the same extent (Wängnerud 2000, 86). Yet this may be a development that happens in stages, and it may be impossible to move from low to high proportions of women's politicians "without going through a stage wherein patterns of 'masculine' and 'feminine' appear in the content of politics" (Wängnerud 2000, 86). Historically, Finland has been considered to display a "dual citizenship" model: despite women's early entrance into and high representation in national politics, until the 1990s, the social and political roles assigned to women and men were different (Kuusipalo 2011). The rigid horizontal gender segregation in politics started to diminish in the 1990s, as female and male cabinet ministers were appointed to "unconventional" policy sectors (Kuusipalo 1999, 69, 72–73; 2011, 12). It should be underlined that, contrary to other Scandinavian countries, Finland made no use of quotas or zippered lists in elections and had women climb the ladders to executive power much faster than in other countries, reaching up to the country's presidency. In sum, from the 1990s onward, Finnish women got power and influence in several policy areas — not just those that concern "women's interests".¹⁹

In this regard, it is important to highlight that though the basic patterns of stereotypes are the same in Finland and the United States, more Finns than Americans regard female and male politicians as equally good in most policy areas. This may connect to the fact that Finnish women did not just enter politics in much higher numbers but also got access to very powerful offices and more policy areas compared with American women. While our analyses show no direct, linear link between the presence of women and the decline of stereotypes, the relationship seems to be more complex and intertwined with other societal developments. Future research should look deeper into how gender stereotypes interact with the presence of women.

19. Evidence from the United States also shows that female politicians try to gain expertise and reputation in both "masculine" and "feminine" policy areas by pursuing balanced legislative portfolios (Atkinson and Windett 2018). The balancing strategy of congresswomen, who have larger and more diverse legislative agendas compared with their male counterparts, puts them on equal footing with congressmen but does not give them an advantage.

The supply of female candidates by all parties, the large number of women in Finnish politics more broadly and their engagement in different portfolios may have caused a lessening of stereotypes and increased trust in women's competence. Does this bring advantages to female politicians? Our study shows that *fewer* Finns than Americans hold counterintuitive issue competence and trait stereotypes, namely that female politicians are *better* in handling economic policy, or that they are associated with ambition or assertiveness. This suggests that as stereotypes fade out, the decrease of discrimination *against* women in traditional male policy areas (e.g., economy) does not translate into an increase of bias *in favor of* women. This contrasts to what Brooks (2013) finds on the basis of experimental data, namely, that when voters make gendered assumptions about candidates, the stereotypes they invoke benefit female candidates.

Relatedly, we designed our research in such a way so as to assess the effect of stereotypes across contexts of choice: we find that stereotypes matter *differently* in hypothetical and real choices, which solidifies existing evidence from the United States (Dolan and Lynch 2014). Similar to the United States, there is no statistically significant effect of political gender stereotypes on voters' choices of 'real' candidates, except for the supporters of two right-wing parties (KOK and True Finns). Though our findings complement Dolan's (2014) study examining races for the U.S. House of Representatives in the United States, a woman ran against a man, whereas in Finland, many women are pitted against many men. Importantly, the gender competition is *within* parties (rather than *between* parties). It is remarkable that, despite these key differences (i.e., the structure of competition and women's presence) between the two countries, the picture painted by Finnish and American data is very similar; this is very important given that, to date, no evidence except for the single U.S. case existed.

Do these findings mean that actual electoral behavior is gender neutral — that is, that gender does not in fact play a role in real-life elections *more generally*? While political gender stereotypes may not be critical for voters' choices, gender still matters. First, we know that women's votes for female candidates are linked not only to district magnitude but also to the presence of female candidates and deputies (Giger et al. 2014). High ratios of women to men are thought to eliminate token-effects, such as (disproportionate) visibility (Kanter 1977).

Second, voters' gender plays an important role. Our inquiry sheds new light on a feature, which previous studies on Finland (Giger et al. 2014;

Holli and Wass 2010) have pointed out: contrary to U.S. results, in Finland, it is actually men who engage more in same-gender voting than women. Though our data does not provide general evidence that men's tendency to vote for men is associated with political gender stereotypes, when we look at supporters of specific parties, we see that men with the strongest gender stereotypes support right-wing parties (KOK and True Finns).

Combined with previous findings on the United States, our study raises questions about the nature and strength of gender stereotypes in other countries. We hope that future research will, eventually, generate the necessary (yet nonexistent) cross-country data to examine the strength and effects of stereotypes on voters' choices from a comparative perspective. This seems even more prevalent as more and more countries move toward more personalized proportional systems, which give the voter a lot of freedom to select the gender of candidates (Renwick and Pilet 2016). In this sense, the study of the Finnish case with its fully open-list PR system is very relevant to contemporary scholarly debates.

SUPPLEMENTARY MATERIAL

To view supplementary material for this article, please visit <https://doi.org/10.1017/S1743923X18000454>

Zoe Lefkofridi is Assistant Professor of Comparative Politics in the Department of Political Science at the University of Salzburg: zoe.lefkofridi@sbg.ac.at; Nathalie Giger is Associate Professor of Comparative Political Behavior in the Department of Political Science and International Relations at the University of Geneva: nathalie.giger@unige.ch; Anne Maria Holli is Professor of Political Science at the Faculty of Social Sciences at the University of Helsinki: anne.holli@helsinki.fi

REFERENCES

- Aalberg, Toril, and Anders Todal Jenssen. 2007. "Gender Stereotyping of Political Candidates: An Experimental Study of Political Communication." *Nordicom Review* 28 (1): 17–32.
- Alexander, Deborah, and Kristi Andersen. 1993. "Gender as a Factor in the Attribution of Leadership Traits." *Political Research Quarterly* 46 (3): 527–45.
- Ashmore, Richard D., and Frances K. Del Boca. 1981. "Conceptual Approaches to Stereotypes and Stereotyping." In *Cognitive Processes in Stereotyping and Intergroup Behavior*, ed. David L. Hamilton. Hillsdale, NJ: Lawrence Erlbaum, 1–36.

- Atkinson, Mary Layton, and Jason H. Windett. 2018. "Gender Stereotypes and the Policy Priorities of Women in Congress." *Political Behavior*. <https://doi.org/10.1007/s11109-018-9471-7>.
- Axelrod, Robert. 1973. "Schema Theory: An Information Processing Model of Perception and Cognition." *American Political Science Review* 67 (4): 1248–66.
- Bem, Sandra L. 1981. "Gender Schema Theory: A Cognitive Account of Sex Typing Source." *Psychological Review* 88 (4): 354–64.
- . 1993. *The Lenses of Gender: Transforming the Debate on Sexual Inequality*. New Haven, CT: Yale University Press.
- Berger, Peter L., and Thomas Luckmann. 1966. *The Social Construction of Reality: A Treatise in the Sociology of Knowledge*. New York: Anchor Books.
- Bianco, William T. 1998. "Different Paths to the Same Result: Rational Choice, Political Psychology, and Impression Formation in Campaigns." *American Journal of Political Science* 42 (4): 1061–81.
- Brians, Craig L. 2005. "Women for Women? Gender and Party Bias in Voting for Female Candidates." *American Politics Research* 33 (3): 357–75.
- Brooks, Deborah J. 2013. *He Runs, She Runs: Why Gender Stereotypes Do Not Harm Women Candidates*. Princeton, NJ: Princeton University Press.
- Dolan, Kathleen. 2004. *Voting for Women: How the Public Evaluates Women Candidates*. Boulder, CO: Westview Press.
- . 2010. "The Impact of Gender Stereotyped Evaluations on Support for Women Candidates." *Political Behavior* 32 (1): 69–88.
- . 2014a. *When Does Gender Matter? Women Candidates and Gender Stereotypes in American Elections*. Oxford: Oxford University Press.
- . 2014b. "Gender Stereotypes, Candidate Evaluations, and Voting for Women Candidates: What Really Matters?" *Political Research Quarterly* 67 (1): 96–107.
- Dolan, Kathleen, and Timothy Lynch. 2014. "It Takes a Survey: Understanding Gender Stereotypes, Abstract Attitudes, and Voting for Women Candidates." *American Politics Research* 42 (4): 656–76.
- Fiske, Susan T., and Steven L. Neuberg. 1990. "A Continuum of Impression Formation, from Category-Based to Individuating Processes: Influences of Information and Motivation on Attention and Interpretation." *Advances in Experimental Social Psychology* 23: 1–74.
- Fox, Richard L., and Zoe M. Oxley. 2003. "Gender Stereotyping in State Executive Elections: Candidate Selection and Success." *Journal of Politics* 65 (3): 833–50.
- Garzia, Diego. 2013. "The Rise of Party/Leader Identification in Western Europe." *Political Research Quarterly* 66 (3): 533–44.
- Giger, Nathalie, Anne Maria Holli, Zoe Lefkofridi, and Hanna Wass. 2014. "The Gender Gap in Same-Gender Voting: The Role of Context." *Electoral Studies* 35: 303–14.
- Górecki, Maciej A., and Paula Kukulowicz. 2014. "Gender Quotas, Candidate Background and the Election of Women: A Paradox of Gender Quotas in Open-List Proportional Representation Systems." *Electoral Studies* 36: 65–80.
- Hayes, Danny. 2011. "When Gender and Party Collide: Stereotyping in Candidate Trait Attribution." *Politics & Gender* 7 (2): 133–65.
- Holli, Anne M., and Hanna Wass. 2010. "Gender-Based Voting in the Parliamentary Elections of 2007 in Finland." *European Journal of Political Research* 49 (5): 598–630.
- Huddy, Leonie and Nayda Terkildsen. 1993a. "The Consequences of Gender Stereotypes for Women Candidates at Different Levels and Types of Office." *Political Research Quarterly* 46 (3): 503–25.
- . 1993b. "Gender Stereotypes and the Perception of Male and Female Candidates." *American Journal of Political Science* 37 (1): 119–47.

- Inglehart, Ronald, and Pippa Norris. 2003. *Rising Tide: Gender Equality and Cultural Change Around the World*. New York: Cambridge University Press.
- Kanter, Rosabeth Moss. 1977. "Some Effects of Proportions on Group Life: Skewed Sex Ratios and Responses to Token Women." *American Journal of Sociology* 82 (5): 965–90.
- King, David C., and Richard E. Matland. 2003. "Sex and the Grand Old Party: An Experimental Investigation of the Effect of Candidate Sex on Support for a Republican Candidate." *American Politics Research* 31 (6): 595–612.
- Koch, Jeffrey W. 2000. "Do Citizens Apply Gender Stereotypes to Infer Candidates' Ideological Orientations?" *Journal of Politics* 62 (2): 414–29.
- Kukulowicz, Paula. 2013. "Do Voters Read Gender? Stereotypes as Voting Cues in Electoral Settings." *Polish Sociological Review*, 182 (3): 223–38.
- Kuusipalo, Jaana. 1999. "Finnish Women in Politics." In *Women in Finland*, eds. Päivi Lipponen and Päivi Setälä. Helsinki: Otava, 55–78.
- . 2011. *Sukupuolittunut poliittinen edustus Suomessa* [Gendered political representation in Finland]. Tampere: Tampere University Press.
- Lau, Richard R., and David P. Redlawsk. 2001. "Advantages and Disadvantages of Cognitive Heuristics in Political Decision Making." *American Journal of Political Science* 45 (4): 951–71.
- Lawless, Jennifer L. 2015. "Female Candidates and Legislators." *Annual Review of Political Science* 18: 349–66.
- Mansbridge, Jane. 2009. "A 'Selection Model' of Political Representation." *Journal of Political Philosophy* 17 (4): 369–98.
- Matland, Richard E. 1994. "Putting Scandinavian Equality to the Test: An Experimental Evaluation of Gender Stereotyping of Political Candidates in a Sample of Norwegian Voters." *British Journal of Political Science* 24 (2): 273–92.
- McElroy, Gail, and Michael Marsh. 2010. "Candidate Gender and Voter Choice: Analysis from a Multimember Preferential Voting System." *Political Research Quarterly* 63 (4): 822–33.
- Millard, Frances, Marina Popescu, and Gabor Toka. 2013. "The Impact of Preference Voting Systems on Women's Representation and the Legitimation of Quota-Based Nomination Results." Presented at the ECPR Joint Sessions of Workshops, Workshop 26: "Gender, Political Behaviour and Representation in Preferential Electoral Systems," Mainz, Germany.
- Miller, Joanne M., and Jon A. Krosnick. 1998. "The Impact of Candidate Name Order on Election Outcomes." *Public Opinion Quarterly* 62 (3): 291–330.
- Phillips, Anne. 1995. *The Politics of Presence*. Oxford: Clarendon Press.
- Plutzer, Eric, and John F. Zipp. 1996. "Identity Politics, Partisanship and Voting for Women Candidates." *Public Opinion Quarterly* 60 (1): 30–57.
- Popkin, Samuel L. 1991. *The Reasoning Voter: Communication and Persuasion*. Chicago: University of Chicago Press.
- Renwick, Alan, and Jean-Benoit Pilet. 2016. *Faces on the Ballot: The Personalization of Electoral Systems in Europe*. Oxford: Oxford University Press.
- Reynolds, Andrew, Ben Reilly, and Andrew Ellis. 2005. *Electoral System Design: The New International IDEA Handbook*. Stockholm: International Institute for Democracy and Electoral Assistance.
- Rosenthal, Cindy S. 1995. "The Role of Gender in Descriptive Representation." *Political Research Quarterly* 48 (3): 599–611.
- Rosenwasser, Shirley Miller, and Norma G. Dean. 1989. "Gender Role and Political Office: Effects of Perceived Masculinity/Femininity of Candidate and Political Office." *Psychology of Women Quarterly* 13 (1): 77–85.

- Sanbonmatsu, Kira. 2002. "Gender Stereotypes and Vote Choice." *American Journal of Political Science* 46 (1): 20–34.
- . 2006. *Where Women Run: Gender and Party in the American States*. Ann Arbor: University of Michigan Press.
- . 2008. "Gender Backlash in American Politics?" *Politics & Gender* 4 (4): 634–42.
- Smyth, Frederik L., and Brian A. Nosek. 2015. "On the Gender-Science Stereotypes Held by Scientists: Explicit Accord with Gender-Ratios, Implicit Accord with Scientific Identity." *Frontiers in Psychology* 6: 415.
- Skjeie, Hege. 1992. *Den politiske betydningen av kjønn: En studie av norsk topp-politikk* [The political significance of gender: A study of top politics in Norway]. Oslo: Inst. Samfunnsforskning.
- Valian, Virginia. 1999. *Why So Slow? The Advancement of Women*. Cambridge, MA: MIT Press.
- Villodres, Carmen Ortega. 2003. "Intra-party Competition under Preferential List Systems: The Case of Finland." *Representation* 40 (1): 55–66.
- Wängnerud, Lena. 2000. "Testing the Politics of Presence: Women's Representation in the Swedish Riksdag." *Scandinavian Political Studies* 23 (1): 67–91.
- Ylä-Anttila, Tuukka, and Eeva Luhtakallio. 2017. "Contesting Gender Equality Politics in Finland: The Finns Party Effect." In *Gender and Far Right Politics in Europe*, eds. Michaela Köttig, Renate Bitzan, and Andrea Petö. New York: Palgrave Macmillan, 29–48.