

# RESEARCH NOTE/NOTE DE RECHERCHE

# Exit Polls in Canada: A Methodological Note

Marc André Bodet<sup>1</sup> (D), Lydia Laflamme<sup>1</sup>, Evelyne Brie<sup>2</sup> (D) and Catherine Ouellet<sup>3</sup>

<sup>1</sup>Département de science politique, Université Laval, Pavillon Charles-De Koninck, local 4437, Québec, Québec, G1V 0A6, Canada, <sup>2</sup>Department of Political Science, The University of Western Ontario, Room 7335, Social Science Centre, London, ON, N6A 5C2, Canada and <sup>3</sup>Département de science politique, Université de Montréal, Pavillon Lionel-Groulx, C.P. 6128, succ. Centre-ville, Montréal, Québec, H3C 3J7, Canada

Corresponding author: Marc André Bodet; Email: marcandre.bodet@pol.ulaval.ca

#### Abstract

Despite their numerous advantages, exit polls are not a common tool in the study of Canadian electoral behaviour. In this methodological note, we use data from two pilot projects to test small-scale exit polls' accuracy when estimating party support. We mobilize exit-polling data collected in the 2018 Quebec provincial election (four voting locations) and the 2019 federal election in Quebec (two voting locations). We focus on chance error and bias error in small samples. Results obtained using parametric linear models suggest that small sample exit polls achieve relatively precise estimations. We do find, however, that right-of-the-centre parties' vote share tends to be underestimated. These findings shed light on the strengths and shortcomings of small-scale exit polls in Canada.

#### Résumé

Malgré leurs nombreux avantages, les sondages de sortie des urnes sont rares dans l'étude de la politique électorale canadienne. Dans cette note méthodologique, nous testons la précision des sondages de sortie des urnes à partir de deux projets pilotes. Les résultats des modèles de régression linéaire montrent que les petits échantillons permettent des estimations relativement précises. Nous utilisons des données des élections provinciales québécoises de 2018 et fédérales de 2019 dans quelques circonscriptions au Québec. En comparant avec les résultats officiels, nous constatons que, bien que la part des voix des partis de droite soit souvent sous-estimée, nous obtenons généralement une bonne précision. Ces résultats apportent un nouvel éclairage sur ce mode d'enquête.

Keywords: exit poll; general election; sampling; voting

Mots-clés: sondage de sortie des urnes; élections générales; échantillonnage; vote

Exit polls have a long history in the field of electoral behaviour (Scheuren and Alvey, 2008: 5). After a timid start in the 1940s, they appear on the radar of American media and academic research in the late 1960s (Hilmer, 2008: 94). It

© The Author(s), 2025. Published by Cambridge University Press on behalf of the Canadian Political Science Association (l'Association canadienne de science politique) and/et la Société québécoise de science politique. This is an Open Access article, distributed under the terms of the Creative Commons Attribution licence (http://creativecommons.org/licenses/by/4.0/), which permits unrestricted re-use, distribution and reproduction, provided the original article is properly cited.

took another fifteen years before the CBS Network made it a regular feature of election night coverage. Canada has "no history of exit polling as part of its election coverage and analysis" (Brown et al., 2006: 919). Examples of exit polls in the Canadian context are thus scarce. Moreover, logistical obstacles are important in Canada because of the geographic dispersion, strong diversity of its electorate, and the difficulty in finding the proverbial barometer voting polls. Still, there are only a few instances of academic research using exit polls in Canada (Brown et al., 2006; Brie and Ouellet, 2020).

In public opinion research, exit polls are considered a garden variety of survey analysis, with a heavy focus on getting quick and reliable vote intention data. Moreover, exit polls can be an enriching, hands-on learning experience for participating students (see, for example, Berry and Robinson, 2012). Exit polls are usually done through one-page questionnaires or short in-person interviews where voters are intercepted at the exit of a polling location (Best and Krueger, 2012). The questions generally revolve around the vote choice and its covariates. Exit polls differ from other types of surveys in two ways: (1) the target group is actual voters—or at least individuals who cast a ballot—not only potential or eligible ones, and (2) the interviews are right after the vote is cast. In general, nonresponse rates are lower because of the direct contact with interviewers (see, for general discussions, Hilmer, 2008, and Grimshaw et al., 2004). Exit polls can also be cheaper than online surveys with commercial partners, especially when students participate in the process.

In this research note, we provide two methodological contributions to the study of exit polls in the Canadian context. First, it is to our knowledge the first series of academic exit polls conducted simultaneously in multiple electoral districts in Canada, and the first to include exit-poll data from federal and provincial elections conducted within the same geographical area. Second, we conducted small-scale efforts to see whether data collected in these contexts are reliable. We show that the precision of exit-poll estimates indeed requires only a small sample of respondents. More precisely, we test for *chance error* and *bias error*, and show that voters supporting the right-of-the-centre parties are harder to reach, leading to a systematic underestimation of the actual support for these parties, in the Quebec context at least.

# Methodological Issues Regarding Exit Polls

Sampling in the context of exit polls face a series of methodological issues that range from the consequences of interactions between interviewers and interviewees (Traugott and Price, 1992; Converse, 1971; Bishop and Fisher, 1995) to ethical concerns (Sønderholm, 2016; Milavsky et al., 1985) to the representativeness of the data collected. Other minor concerns include potential respondents' misinterpretation of questions, reluctance to collaborate with interviewers, and errors during transmission or data entry (Scheuren and Alvey, 2008: 12).

Nonresponse bias, one of the main causes of inaccurate estimates of exit polls, occurs when certain types of voters refuse to participate or are missed by interviewers (Merkle and Edelman, 2002; Clinton et al., 2022). It becomes concerning when the odds of voters from different parties responding to the exit poll are unbalanced

(Pavía, 2010: 69; Pavía et al., 2016). In other words, the voters who decline the interview may present different voting behaviours than those who choose to participate, which could decrease the precision of later estimates (Bautista, Callegaro, Vera, and Abundis, 2007: 493; Best and Krueger, 2012). It is specified that although lower response rates do not automatically lead to systematic errors, it is sometimes preferable to have a larger sample size to reduce sampling error (2012: 500).

Nonresponse is typically associated with sociodemographic and ideological characteristics (Bautista et al., 2007: 500; Panagopoulos, 2013; Abramson, Aldrich, and Rohde, 2012). Timing is crucial to minimizing such bias. Indeed, different groups vote at different moments of the day; it is therefore recommended to schedule interviews at different moments during the day to minimize sampling errors (Mitofsky, 1991). Brown and colleagues (2006: 925) also find an increase in cooperation after 4:00 pm. More importantly for our purpose, recent research on partisan nonresponse bias in the United States (Clinton et al., 2022) has shown more reluctance among Republican voters to participate in phone surveys. Partisan bias on passive sampling platform has also been measured (Coppock and McClellan, 2019).

It remains evident that the most important concern of researchers interested in survey methods that necessitates sampling of a population is the validity of data. The best tool available remains a systematic randomization protocol. In the case of exit polls, this can be achieved with a predetermined skipping interval by interviewers. Another method is to pick the sample purposely to fit a list of social and political characteristics (Barreto et al., 2006: 479). This is a way to ensure accurate representation of socioeconomic and ethnic diversity. The size of a sample can vary according to the context of every precinct or voting system. Hilmer (2008: 98) suggests that majority-voting systems require larger samples because projections are built using local or regional geographical units instead of the national electorate. A sampling frame can be built based on past race data, in which the selection chances of a precinct is proportional to its number of voters (Mitofsky, 1991: 95).

In the case of small-scale exit polls, a fundamental question is how little is enough. Recent research suggests that data saturation can be achieved rapidly (Klima et al., 2019), though it might be necessary to consider additional sources of information to improve estimation. Are small-scale exit polls too sensitive to chance error? And do these data gathering efforts exacerbate bias error? These are the two questions of particular interest in this research note.

### Exit Polls in Two General Elections in Quebec

As stated in the introduction, there exist very few examples of academic exit polls in Canada. The largest study to date is certainly the Brown et al. (2006) 2003 exit poll conducted during the Ontario provincial election in the district of Kitchener Centre. This exit poll was conducted in more than a dozen representative voting locations, with the help of fifty students. In total, 653 interviews were completed. The authors explain the numerous logistical challenges they had to face (weather, bureaucratic resistance, and so forth) and still obtain quite impressive levels of precision at the district level for the three major parties. Surprisingly, this research

project did not lead to a wave of replications in other provinces, not at the federal level. A more recent exercise was conducted during the 2018 provincial Quebec election (Brie and Ouellet, 2020) and included an innovative wording experiment about exposure to bilingualism, a method that had never been used in a Canadian context previously.

We make use of two pilot projects<sup>1</sup> over two elections to bring a fresh look at the methodological challenges faced in the context of exit polls, and in particular in small-scale exit polls. In both cases, we have chosen federal and provincial districts that overlap to minimize potential sources of discrepancies. The first exit poll was conducted during the 2018 Quebec provincial election in four voting locations situated in four different districts. Two districts were situated in urban areas of Québec City, in the electoral districts of Taschereau (34 respondents) and Jean-Talon (49 respondents). The two other districts were situated in Montréal, in the urban districts of Mont-Royal-Outremont (29 respondents) and Laurier-Dorion (45 respondents).<sup>2</sup> Voting locations were selected because they were easy to reach by public transport and because it was possible to stay close enough to the building to intercept voters without violating electoral law. Voting locations regroup more than one voting section but always in the same electoral district. It is impossible to know with which section voters were associated, but we know which sections are associated with each voting location. The survey questionnaire was administrated by two female graduate students, first in Montréal in the morning and then in Québec City in the late afternoon and evening. Respondents were asked to answer anonymously (they would write their own answer on the paper questionnaire without supervision) a series of questions about the election and related political issues as well as their sociodemographic background.<sup>3</sup> The main question of interest here is vote choice. For all questions, respondents could choose to answer or decline to answer. In total, 17 respondents did not to report their vote choice or reported they had not voted. Table 1 summarizes the raw numbers of votes for each of the main parties in the exit polls and in

Table 1. Summary statistics for the 2018 provincial election exit poll

Site	Party	Exit (n)	Official (N)	Exit (%)	Official (%)
Jean-Talon	CAQ	8	246	20.51	24.14
Église Saint-	LPQ	9	252	23.07	24.73
Thomas-d'Aquin	QS	14	278	35.89	27.28
	PQ	5	167	12.82	16.38
Laurier-Dorion	CAQ	3	114	6.97	10.61
École Saint-	LPQ	3	251	6.97	23.37
Pierre-Apôtre	QS	28	543	65.11	50.55
•	PQ	4	103	9.30	9.59
Mont-Royal-	CAQ	5	100	19.23	10.70
Outremont	LPQ	15	652	57.69	69.80
École Pierre Laporte	QS	1	50	3.84	5.35
·	PQ	4	68	15.38	7.28
Taschereau	CAQ	3	138	9.37	16.06
Morrin Centre	LPQ	2	174	6.25	20.25
	QS	23	327	71.87	38.06
	PQ	3	184	9.37	21.42

the official results in 2018, and the corresponding percentages of total votes. Advanced and special voting is excluded from the computation of official results to ensure appropriate comparison with exit-poll data.

Following the experience of 2018, a second series of exit polls was conducted during the 2019 Canadian federal election. Again, polling was conducted on election day, in two voting locations in the federal electoral districts of Québec City (265 respondents) and Louis-Hébert (118 respondents). 4 Both districts are situated in urban areas of Québec City and recoup parts of Jean-Talon and Taschereau districts at the provincial level. Again, this allows for a powerful comparison as the federal and provincial districts under study overlap. In the district of Québec City, five male and two female undergraduate students were mobilized at different moments during the day. In Louis-Hébert, two male and five female undergraduate and graduate students conducted interviews, again, at different times of the day. This larger workforce allowed us to roughly triple the number of respondents compared to 2018. Detailed results are presented in Table 2. Respondents were asked to fill out a questionnaire about the election themselves, and anonymously some additional questions on social and political issues as well as their sociodemographic background. The main question of interest here is again vote choice. This time, 42 voters refused to disclose their vote choice and are thus excluded from our analysis. The number of respondents is much smaller than what Brown et al. (2006) achieved in 2003 but we compensate that shortcoming with more variety in terms of districts visited and by combining provincial and federal data. The total cost for these two small-scale exit polls was a few hundred Canadian dollars.

# Assessing the Accuracy of Exit Polls

We now want to assess the accuracy of exit polls in the six districts where data were collected to identify sources of discrepancies based on sample size and the nature of the parties at play. We have two measures of accuracy here. First, we simply compute the difference—or the error (E) —by party between the vote share in the exit poll and in the official results in percentage points. It is a simple measure of bias. Second, we compute the absolute error (AE), which is the absolute transformation of E to only measure inaccuracy without regard to the direction of bias.

We are first interested in the partisan bias in our sample. We expect that *our exit* polls will underestimate the support for parties on the right of the political spectrum. We have included in that group the Conservative Party of Canada, the Liberal Party

Site	Party	Exit (n)	Official (N)	Exit (%)	Official (%)
Louis-Hébert	BQ	20	326	16.94	23.41
Hôtel Universel	LPC	39	508	33.05	36.49
	NDP	37	310	31.35	22.27
	CPC	12	109	10.16	7.83
Québec	BQ	90	1005	33.96	37.72
Loisirs Montcalm	LPC	102	1031	38.49	38.70
	NDP	40	248	15.09	9.30
	CPC	4	188	1.50	7.05

Table 2. Summary statistics for the 2019 federal election exit poll

of Quebec, and the Coalition Avenir Québec.<sup>5</sup> The reference category brings together a heteroclite group of parties of the centre or the Left (the New Democratic Party of Canada, the Liberal Party of Canada, the Bloc Québécois, the Parti Québécois, and Québec Solidaire). Published research finds a partisan bias in nonresponse that would yield an underrepresentation of Republican voters in the United States in phone surveys (see Clinton et al., 2022) and in exit polls (Best and Krueger, 2012: 9). It is also the case in parliamentary systems such as Spain where supporters of the People's Party (Conservative) tend to respond less to exit polls (Pavía et al., 2016). There are no—to our knowledge—empirical studies in Canada that would support such hypothesis.

We are also interested in the empirical relationship between sample size (that is, the number of supporters for a given party in the exit poll sample) and accuracy (AE). We expect, as the law of large numbers would predict, *more accuracy when the sample is bigger*, but we want more specifically to see if exit polls can perform well when the number of respondents is much smaller than the expected sampling proportion. Interestingly, the American research on exit polls have rarely looked at small-scale samples. Klofstad and Bishin (2012) did run an experiment in the American presidential election of 2008 with small samples (470 completed surveys in total) but their attention was focused on the differences between interviews completed before and after the vote was cast.

In Figure 1, we look at the relationship between the number of respondents in the exit poll and the difference between survey results and official results (E), in percentage points. Each circle represents this measure for each party in each district, with full black dots representing parties on the right of the political spectrum and hollow dots other parties. The 2018 and 2019 exit polls are lumped together. The left window displays the simple raw quantities (number of respondents who reported voting for a party) while the right window looks at the proportion of actual votes for the party in the exit-poll sample. We can see that parties on the

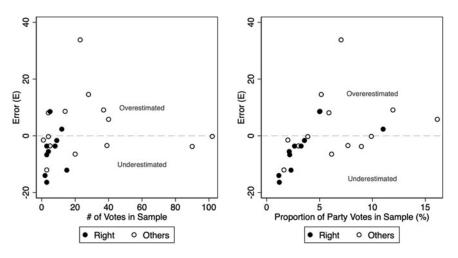


Figure 1. Over- and under-estimation (E) of parties' vote share.

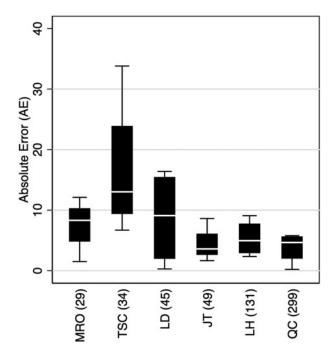


Figure 2. Distribution of Absolute Error (AE) per district.

right of the political spectrum seem to be more frequently underestimated within our samples, compared to other parties. The right window seems to suggest that when a bigger proportion of total votes are captured in the exit poll, there is less risk of serious over- and under-estimation.

Figure 2 displays the AE between actual votes and our estimations, showcasing the absolute level of inaccuracy of our samples without taking direction into account. This series of box plots gives a general idea of the variation in imprecision, with increases in respondents having a substantial impact on both the variation of AE and the median AE. The numbers in parentheses represent the total amount of questionnaires filled in each district. Taschereau is especially imprecise due to the overrepresentation of Québec Solidaire voters in our exit-poll sample.

We now move to a multivariate framework to estimate the determinants of E and of AE. We estimate four models in Table 3 using ordinary least square (OLS) regressions with standard errors clustered around our six voting locations. The unit of analysis is a party, at a given location. There are thus twenty-four observations. Models 1 and 2 use the outcome variable as the difference (in percentage points) between vote share in exit-poll sampling and official results. This is referred to as the error (E). Models 3 and 4 rather display the absolute error (AE) as the outcome variable. In Models 1 and 3, we mobilize the raw number of respondents who said they would support the party while Models 2 and 4 use of the share of total official votes in our sample as the outcome variable. We also include a dichotomous variable that takes the value 1 for parties on the right of the political

Covariates	Model 1	Model 2	Model 3	Model 4
	(E)	(E)	(AE)	(AE)
# of votes	-0.03 (0.06)		-0.11* (0.05)	
% of votes	(0.00)	-0.25 (0.34)	(0.00)	0.05 (0.19)
Right Parties	-9.64*	-9.82*	-3-39	-0.44
	(4.47)	(4.30)	(3.00)	(2.66)
District Results	0.11	0.37	0.30	0.15
	(0.30)	(0.59)	(0.16)	(0.33)
Intercept	1.80	1.17	4.33*	2.95
	(5.05)	(4.75)	(1.99)	(1.93)
N	24	24	24	24
R2	18.65%	21.29%	27.38%	14.82%
RMSE	10.34	10.17	6.58	7.13

Table 3. Regression analysis (OLS) to identify the sources of errors

spectrum and 0 otherwise. We also control for the official vote share of the party in the district since E and AE can both be affected by electoral strengths as more marginal parties provide less space for underestimation as their actual supports get close to zero percentage points.

In Model 1, we want to test whether parties on the right of the political spectrum are disproportionately underestimated in exit polls. The model is performing rather well with a R2 of 18.65 per cent and a RMSE of 10.34. Controlling for two covariates, we find that support for parties on the right is underestimated in our exit-poll samples by an average of 9.64 percentage points (almost the size of the RMSE). Model 2 provides a better fit and a comparable substantive result, with an R2 that reaches 21.29 per cent and a RMSE of 10.17. Here, controlling for two covariates, we find that parties on the right are underestimated in our exit-poll samples by an average of 9.82 percentage points. In both models, the underestimation reached statistical significance at a 95 per cent level of confidence.

In Model 3, we estimate the impact of sample size on absolute sample precision. We thus use the AE as our outcome variable, the raw number of respondents stating they voted for a given party as our main predictor of interest, and the ideological inclination of the party and its official vote share as controls. The model explains 27.38 per cent of the variance and has an RMSE of 6.58. Results suggest that, on average, each additional vote for a given party captured in our exit poll increases the precision of our vote share estimation by 0.11 percentage points. In other words, we need roughly an extra nine respondents that say they support a given party to improve the precision of our estimation by 1 percentage point, regardless of the party's total proportion of the vote on election day. In Model 4, we use the proportion of the total votes for a party captured in our exit poll instead of the raw number of votes as a predictor. The model here is performing less with an R2 of 14.82 per cent and an RMSE of 7.13. The relationship between the proportion of the votes and the AE is not statistically different from 0. These results suggest that what matters here is not the proportion of actual votes, but rather the raw number of votes intercepted by interviewers.

<sup>\*</sup>p<0.05; Clustered standard errors

### Discussion

Exit polls, like all survey research, require constant attention in the selection of samples, questionnaire design, methods of field work, and data collection and analysis (Levy, 1983: 56). They are an effective tool for election-day coverage as well as a "useful complement to data collected through more conventional designs" in the electoral behaviour research (Brown et al., 2006: 920). They can mobilize a variety of research designs such as experiments (Brie and Ouellet, 2020) and can be an interesting teaching opportunity (Berry and Robinson, 2012). An ideal exit poll is one that uses a random selection of voters in a sample of representative precincts. A self-administered, short questionnaire to preserve the anonymity of respondents leads to higher response rates (Mitofsky, 1991; Traugott and Price, 1992; Bishop and Fisher, 1995). A high-quality poll is conducted throughout an entire voting day, aiming for around a hundred respondents per precinct.

These two pilot studies partially meet most of these criteria. The questionnaires were short and self-administered, and in the case of the federal poll, conducted during the whole day. Yet, due to limited resources, we only managed to gather small samples going from a few dozens to a few hundred. This provided us with an opportunity to test the accuracy—both in terms of chance and bias errors—of small-scale exit polls in the Canadian context.

Compared to official results, we conclude that out of six voting locations, only one (Taschereau) was substantially imprecise. This is good news. More respondents meant more precise results, but the exact size needed is not that big; a few hundred per voting location were sufficient to produce good results. We also conclude that, on average, vote shares for parties on the right of the political spectrum were underestimated by a significant margin. The underrepresentation in our samples of right-of-centre voters is in line with what has been observed outside Canada, notably in the United States and Spain. Still the magnitude of this underrepresentation (around 9 points) is surprising and similar to dramatic cases in the United States (Best and Krueger, 2012). This is unexpected since electoral politics is generally considered less polarized in Quebec than in the American context.

We count fifteen years between the 2003 Ontario exit poll and the 2018 and 2019 pilot studies mobilized—this gap was much too long. Canadian scholars interested in voting behaviour should invest more time and energy in organizing exit polls. Despite their shortcomings, they are simple and powerful survey design that complement other forms of data gathering, are relatively inexpensive to organize, and have strong potential to reach voters less likely to fill out online surveys or participate in phone surveys. Canadian political science has ignored a powerful research tool in the past decades. We hope this research note will be a step forward in promoting this method.

#### **Notes**

- 1 Provincial exit-poll data has already been used in published research (Brie and Ouellet, 2020).
- 2 Respondents were interviewed at the Morrin Centre (Taschereau), the Église Saint-Thomas-d'Aquin (Jean-Talon), the École Pierre Laporte (Mont-Royal-Outremont), and the École Saint-Pierre-Apôtre (Laurier-Dorion).
- 3 Questionnaires available by contacting the author.

- 4 Respondents were interviewed at the Loisirs Montcalm (Québec City) and Hôtel Universel (Louis-Hébert).
- 5 This classification is based on work by Bélanger et al. (2022, chap. 4) and Johnston (2023).

### References

- Abramson, Paul R., John H. Aldrich, and David W. Rhode. 2012. Change and Continuity in the 2008 and 2010 Elections. Washington, DC: CQ Press.
- Barreto, Matt A., Fernando Guerra, Mara Marks, Stephen A. Nuno, and Nathan D. Woods. 2006. "Controversies in Exit Polling: Implementing a Racially Stratified Homogenous Precinct Approach." PS: Political Science & Politics 39 (3): 477–83.
- Bautista, Rene, Mario Callegaro, José Alberto Vera, and Francisco Abundis. 2007. "Studying nonresponse in Mexican exit polls." *International Journal of Public Opinion Research* **19** (4): 492–503.
- Bélanger, Éric, Jean-François Daoust, Valérie-Anne Mahéo, and Richard Nadeau. 2022. Le nouvel électeur québécois. Montréal: Les Presses de l'Université de Montréal.
- Berry, Michael J. and Tony Robinson. 2012. "An entrance to exit polling: Strategies for using exit polls as experiential learning projects." PS: Political Science & Politics 45 (3): 501–05.
- Best, Samuel J. and Brian S. Krueger. 2012. Exit polls: Surveying the American electorate, 1972-2010. Washington, DC: CQ Press.
- Bishop, George F. and Bonnie S. Fisher. 1995. "Secret ballots' and self-reports in an exit-poll experiment." *Public Opinion Quarterly* **59** (4): 568–88.
- Brie, Evelyne and Catherine Ouellet. 2020. "Exposure to English as a determinant of support for Quebec independence in the 2018 Quebec elections." French Politics 18 (3): 238–52.
- Brown, Steven D., David Docherty, Ailsa Henderson, Barry Kay, and Kimberly Ellis-Hale. 2006. "Exit polling in Canada: An experiment." *Canadian Journal of Political Science/Revue canadienne de science politique* **39** (4): 919–33.
- Clinton, Joshua D., John S. Lapinski, and Marc J. Trussler. 2022. "Reluctant Republicans, eager Democrats? Partisan nonresponses and the accuracy of 2020 presidential pre-election telephone polls." *Public Opinion Quarterly* 86 (2): 247–69.
- Coppock, Alexander and Oliver A. McClellan. 2019. "Validating the demographic, political, psychological, and experimental results obtained from a new source of online survey respondents." *Research and Politics* 6 (1).
- Grimshaw, Scott D, Howard B. Christensen, David B. Magleby, and Kelly D. Patterson. 2004. "Twenty years of the Utah Colleges exit poll: Learning by doing." *Chance* 17 (2): 32–38.
- Hilmer, Richard. 2008. "Exit polls—A lot more than just a tool for election forecasts." In *Public opinion polling in a globalized world*, 93–108. Berlin and Heidelberg: Springer.
- Johnston, Richard. 2023. "Affective polarization in the Canadian party system, 1988-2021." Canadian Journal of Political Science/Revue canadienne de science politique 56 (2): 372-95.
- Klima, André, Thomas Schlesinger, Paul W. Thurner, and Helmut Küchenhoff. 2019. "Combining aggregate data and exit polls for the estimation of voter transitions." Sociological Methods & Research 48 (2): 296–325.
- Klofstad, Casey A. and Benjamin G. Bishin. 2012. "Exit and Entrance Polling: A comparison of election survey methods." *Field Methods* **24** (4): 429–37.
- Levy, Mark R. 1983. "The methodology and performance of election day polls." *Public Opinion Quarterly* 47 (1): 54–67.
- Merkle, Daniel M. and Murray Edelman. 2002. "Nonresponse in exit polls. A comprehensive analysis." In *Survey Nonresponse*, eds. R. M. Groves, D. A. Dillman, J. L. Eltinge, and R. J. A. Little. New York: Wiley.
- Milavsky, J. Ronald, Al Swift, Burns W. Roper, Richard Salant, and Floyd Abrams. 1985. "Early calls of election results and exit polls: Pros, cons, and constitutional considerations." *Public Opinion Quarterly*: 1–18.
- Mitofsky, Warren J. 1991. "A short history of exit polls." In *Polling and presidential election coverage*, eds. P.J. Lavrakas and J.K. Holley. Thousand Oaks, CA: Sage.
- Panagopoulos, Costas. 2013. "Who participates in exit polls?" *Journal of Elections, Public Opinion and Parties* 23 (4): 444–55.
- Pavía, Jose M. 2010. "Improving predictive accuracy of exit polls." *International Journal of Forecasting* **26** (1): 68–81.

### 938 Marc André Bodet et al.

Pavía, Jose M., Elena Badal, and Belén García-Cárceles. 2016. "Spanish Exit Polls: Sampling error or non-response bias?" *Revista Internacional de Sociologica* 74 (3): 1–15.

Scheuren, Fritz J. and Wendy Alvey. 2008. *Elections and exit polling*. Hoboken, NJ: John Wiley and Sons. Sønderholm, Jorn. 2016. "Is the publication of exit poll results morally permissible?" *Public Affairs Quarterly* **30** (1): 51–66.

Traugott, Michael W. and Vincent Price. 1992. "The polls—a review: Exit polls in the 1989 Virginia gubernatorial race: Where did they go wrong?" *Public Opinion Quarterly* **56** (2): 245–53.

Cite this article: Bodet, Marc André, Lydia Laflamme, Evelyne Brie and Catherine Ouellet. 2024. "Exit Polls in Canada: A Methodological Note." *Canadian Journal of Political Science* 57 (4): 928–938. https://doi.org/10.1017/S0008423924000398