Technical Report

Making Electoral Democracy Work

Canadian Provincial Elections –

Quebec

November 16, 2012

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OTTAWA
1800-160 Elgin St.
Ottawa, Ontario, Canada
K2P 2P7
Tel: (613) 230-2200
Fax: (613) 230-3793

MONTRÉAL
400-1080 Beaver Hall Hill
Montréal, Québec, Canada
H2Z 1S8
Tel: (514) 288-0037
Fax: (514) 288-0138

TORONTO
405-2345 Yonge St.
Toronto, Ontario, Canada
M4P 2E5
Tel: (416) 962-2013
Fax: (416) 962-0505

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Introduction

We are pleased to submit this technical report to the Making Electoral Democracy Work team. Harris/Decima assembled a team of seasoned researchers from our Public Affairs team to work on this project. Their roles were as follows:

- Doug Anderson served as the Senior Project Manager. Mr. Anderson was responsible for overall project direction and ensuring the contractual obligations were met. He directed the project team, ensured quality control throughout the life cycle of the project and reviewed final deliverables.
- Sareda Quah served as Lead Consultant and the project analyst overseeing the overall management of the project, suppliers and sampling. Furthermore, Ms. Quah was the main point of client contact during the project.

About Making Electoral Democracy Work

The Social Sciences and Humanities Research Council of Canada has awarded a significant grant for a seven-year research project entitled *Making Electoral Democracy Work (MEDW)* to Professor André Blais of the University of Montreal (Principal Investigator) and an international team of researchers.

This project brings together an exceptional team of economists, political scientists and psychologists from Canada, Europe, and the United States to undertake the most ambitious study ever undertaken on the impact of electoral rules on the functioning of democracy. The project will examine 26 elections in five countries.

The goal of the project is to examine the determinants of vote choice (including decision to vote or not to vote) in different election contexts.

Canadian Provincial Elections Surveys – Quebec

This report presents a detailed description of the survey methodology used to complete this research, including sample design, recruitment, survey administration, response rates, weighting and recommendations for the future. This document contains all the details necessary to replicate this study in the future.

Number of Completed Surveys

Harris/Decima completed the following number of surveys, seen in the table below.

	Dates	Total # qualified completes
Ontario		
Pre-election survey	August 23 – September 3, 2012	1,014
Post-election survey	September 5 – September 25, 2012	747

These total numbers of completes exclude respondents who failed two or more In-Survey Quality (ISQ) Measures but includes respondents who failed only one. For more information, please see the section describing *In-Survey Quality Measures*.

Survey Methodology

Pre-launch

Questionnaire Design – CAWI

The MEDW team was responsible for providing the English and French versions of the pre and post election survey questionnaire.

Harris/Decima provided limited consultation on the questionnaire design to facilitate online survey administration. This survey was fielded in English and French and all translation of the survey instruments were provided by the MEDW team.

Programming

Once the survey was finalized, it was programmed by Harris/Decima's in-house programming team. Harris/Decima uses the *Confirmit Horizons Platform* software for data collection in online surveys. *Confirmit* includes support for random respondent selection, respondent identity verification via passwords (numeric passwords up to 12 digits) and quota control. It also features adaptive questionnaire logic designed to provide many of the same methodological safeguards associated with traditional CATI telephone interviewing (i.e., randomized ordering of variables being tested in a battery, skip patterns based on responses given). The package allows the project manager to track non-responses to survey requests and provides estimates of non-response bias.

Survey Pre-Tests

Prior to being finalized, the online surveys were pre-tested or slow started with approximately 20 respondents. After the slow start, Harris/Decima analysts checked all of the frequencies and skip logic to ensure it elicited the required information, before launching the full survey the following day.

Sample Design and Selection

The sample for this survey was designed to yield 1,000 complete pre-election survey interviews and a return-to-sample target of 750 interviews from the post-election survey. A stratified, quota-based sampling approach was used, since this generates substantive estimates across and within specific key segments of interest, which in turn permits extrapolation to the broader population with greater confidence. Quotas were set by controlling for age, gender and education status.

Based on census statistics[1], the following demographic quotas were set for the pre-election surveys:

[1] Source: Statistics Canada

	Gender					
	Total – %	**Total – Quota**	**Male – % of population**	**Male – Quota**	**Female – % of Population**	**Female – Quota**
Total	100%	1000	48%	483	52%	517
Age						
18 - 34 years	26.9%	269	13.5%	135	13.4%	134
35 - 54 years	39.2%	392	19.5%	195	19.8%	198
55 - 99 years	33.9%	339	15.4%	154	18.5%	185

	Region	
	Total – %	**Total – Quota**
Total	100%	1000
Montreal Island	29.5%	295
Rest of Montreal	17.5%	174
Quebec City	8.5%	85
East	19.2%	192
West	25.4%	254

Soft quotas were established for education and language. Soft quotas are taken into consideration every time sample is pulled to try and target for those criteria. However, unlike hard quotas, respondents are not terminated if a quota fills up.

	Education	
	Total – %	**Total – Quota**
Total	100%	1000
High school or less	44%	437
College/CEGEP/Certificate	33%	332
University – Bachelor or less	17%	168
University – Grad/Post-Grad	6%	63

	Language	
	Total – %	**Total – Quota**
Total	100%	1000
English	8%	82
French	80%	796
Other	12%	122

Given that the post-election survey was a return to sample only, no quotas were set for this portion of this study.

Survey Administration

In a combined effort, the Quebec Provincial election surveys contacted panel members from Harris/Decima's HPOL and SSI.

Supplier Panel Information

Harris/Decima contracted Survey Sampling International (SSI) (http://www.surveysampling.com/) as a sample provider for this study. For a detailed description of SSI's panel, including company profile, panel recruitment, panel and sample management, policies and compliance, partnerships and multiple panel membership information and data quality and validation, please see Appendix B.

Sampling and Quota Control

Quotas were monitored daily by the Harris/Decima project manager and by the project team using a monitoring tool supplied by the Confirmit survey platform ("Reportal"). Sample pulls and reminders were based on quota needs.

Sample was pulled based on the following criteria:

- Age greater than 18
- Language set to English or French
- Area set to Quebec
- Education levels
- Gender
- Canadian citizenship

For the post-election surveys, no further sample was pulled – invites and reminders were sent only to those who completed the pre-election survey.

Invites and Reminders

To complete the online survey, respondents were sent an invitation and clicked on a survey URL with an embedded password to be directed to the Harris/Decima site where the survey was hosted. The survey included an information and consent form which provided information about the study, encouraged their participation, provided them with the necessary privacy information and reiterated that by completing the survey they consented to participation.

The survey was accessible 24 hours a day, seven days a week from any web-enabled computer.

Reminders were sent periodically to those who had not yet completed the survey.

Invites and reminders were sent as follows:

HPOL			
	Date	**# Invites**	**# Reminders**
Pre-election survey	Friday August 24, 2012	5158	
	Sunday August 26, 2012		4761
	Monday August 27, 2012	3677	
	Tuesday August 28, 2012		4572
	Wednesday August 29, 2012	1193	3425
	Thursday August 30, 2012	424	
	Friday August 31, 2012		1166
Total		**10452**	**13924***
Post-election survey	Wednesday September 5, 2012	936	
	Friday September 7, 2012		419
	Sunday September 9, 2012		242
	Monday September 17, 2012		50
	Tuesday September 18, 2012		50
	Thursday September 20, 2012		71
Total		**936**	**832**
*The total reminders exceeds the total invites because a second round of reminders were sent out for this study, therefore, there could be 2 reminders for a given respondent.			

SSI			
	Date	**# Invites**	**# Reminders**
Pre-election survey	Thursday August 30, 2012	150,000-250,000**	
	Friday August 31, 2012		
Total		**150,000-250,000****	**0**
Post-election survey	Wednesday September 5, 2012	78	
	Friday September 7, 2012		48
	Monday September 10, 2012		40
	Thursday September 20, 2012		35
Total		**78**	**123**
* SSI cannot report a specific number of invites due to the nature of SSI's system – SSI Dynamix is a platform that integrates respondents from multiple panel sources. Respondents are no longer sampled for individual projects, but are instead offered a survey at random from the list of available projects that day. Respondents are first be asked a random set of screening questions to determine the project(s) for which they qualify and then will be assigned to the best survey for the participant to complete at that moment. For this reason, SSI is unable to report exact numbers of survey invitations sent out for this project. SSI reports that their traffic stream fluctuates between 150,000 and 250,000 respondents per day, but we cannot determine how many of those would have been invited to this study.			

Incentives

As is customary with all online panel surveys, participants were provided with an incentive upon the completion of the survey.

HPOL:

HPOL respondents were given the choice of the following incentives for the pre-election survey 100 HIpoints or 75 Aeroplan miles, and another 100 HIpoints or 75 Aeroplan miles for completing the post-election survey.

SSI:

Incentives vary across SSI's various sub panels. Within those panels, incentives are mainly driven by survey length. SSI estimates the incentive for the pre-election was likely closer to the $2.00 end of the range and the incentives for the post-election were a bit less, but since they came from various "sub-panels" which all use different formulas, specific values cannot be provided.

Passwords

Each respondent had a unique password which was appended to the end of the URL. Cookies were enabled to control access to the survey so respondents could only complete the survey once.

Sample Distribution and Response Rate

The table below presents the overall participation rate for the pre-election and post-election surveys:

HPOL		
	Pre	Post
A: Total Invitations	10452	936
B: Undeliverables	0	0
C: Net Usable invitations (A-B)	10452	936
D: Total Completes	936	707
E: Qualified break offs	72	55
F: Disqualified (ISQ)	40	1
G: Not responded	9272	171
H: Quota filled	132	0
Contact Rate (d+e+f+h)/c	**11.29%**	**81.52%**
Participation Rate (d+f+h)/c	**10.60%**	**75.64%**

SSI		
	Pre	Post
A: Total Invitations	150,000-250,000	78
B: Undeliverables	N/A	0
C: Net Usable invitations (A-B)	150,000-250,000	78
D: Total Completes	78	40
E: Qualified break offs	3	0
F: Disqualified (ISQ)	16	0
G: Not responded	N/A	38
H: Quota filled	8	0
Contact Rate (d+e+f+h)/c	**N/A**	**51.28%**
Participation Rate (d+f+h)/c	**N/A**	**51.28%**

All surveys are different and response rates do vary from project to project. In general, political surveys tend to have a lower response rate because they may ask for sensitive information on voting habits. As well, interest in politics and the length of this particular survey may have played a role in lower response rates.

Average lengths, once outliers were removed, were:

- Pre-election survey: 20 minutes
- Post-election survey: 10 minutes

The following table indicates how many completes were achieved each day. For a more detailed breakdown of these numbers by quota please see Appendix A.

Completions by Date: Pre and Post Wave

	Date	# Completions
Quebec		
Pre-election survey	August 24, 2012	246
	August 25, 2012	131
	August 26, 2012	115
	August 27, 2012	244
	August 28, 2012	88
	August 29, 2012	77
	August 30, 3012	57
	August 31, 2012	54
	September 1, 2012	2
Post-election survey	September 5, 2012	404
	September 6, 2012	126
	September 7, 2012	91
	September 8, 2012	33
	September 9, 2102	24
	September 10, 2012	17
	September 11, 2012	9
	September 12, 2012	6
	September 13, 2012	1
	September 14, 2012	2
	September 16, 2012	4
	September 17, 2012	7
	September 18, 2012	10
	September 19, 2012	2
	September 20, 2012	4
	September 21, 2012	3
	September 22, 2012	3
	September 23, 2012	1

In-Survey Quality Assurance (ISQ)

Harris Interactive uses a multi-layered approach to ensure that fraudulent respondents, those who intentionally misrepresent themselves by providing inaccurate information, and/or those who misrepresent themselves as more than one individual by joining a panel under multiple email addresses, are detected and removed and do not affect client results.

As this study was conducted with Harris/Decima's panel, which has been proven to be a very high-quality panel, we relied on our In-Survey Quality Assurance measures to ensure an extra "check" for bad respondents.

Respondents generally enter our surveys intending to participate as thoughtfully as we desire, but occasionally some will be pressed for time or will find a survey excessively long or burdensome. In those situations, some respondents may "speed" to complete the survey quickly.

In an effort to identify respondents who are speeding or appear unengaged in the survey, we have developed a series of ISQ metrics. They consist of the following:

- Minimum Length of Interview
- Incorrect response to respondent instruction
- Identification of straight-lining activity at a grid question
- Less than 5 characters at a mandatory open-ended response
- Illogical responses to survey questions

For this survey, the first three of these five metrics were utilized:

- Minimum length of interview for the pre-election study was set at 8 minutes and for the post-election study, at 2 minutes
- The respondent instruction question added early in the questionnaire was as follows:
  "To ensure that your browser is downloading the content of this survey properly, please select the number four below."
  - ❍ One (1)
  - ❍ Two (2)
  - ❍ Three (3)
  - ❍ Four (4)
  - ❍ Five (5)
  - ❍ Don't know (9)
- Respondents giving the same answer for all questions in the Q28 (pre-election) and PQ26 (post-election) batteries were flagged as "straightliners."

A respondent was disqualified if they "failed" two or more of these measures.

Data Analysis

Upon completion of data collection, Harris/Decima cleaned and weighted the data.

Data Validity and Integrity Checks

Our custom system immediately identifies cases where the interview length is unrealistically short, contradicts established facts or presents patterns of response deserving attention. As a result, we can determine whether a case should be excluded from the final sample if necessary. All of these checks are performed manually and cleaned out of the data in the back end of the project. Harris/Decima uses a checklist to ensure all data that is delivered to the client has gone through a rigorous quality control process. During this time Harris/Decima also cross referenced all IDs between the pre and post surveys to ensure all responses were valid. A few test cases were removed from the data.

Data Cleaning

Harris/Decima analysts have considerable experience in cleaning data files, conducting statistical routines, producing tabular output, and weighting data to provide an accurate measure of the population as a whole.

The following are the basic steps taken when cleaning data files:

- Ensure that all coded questions have updated codes and multiple mentions do not have duplicate codes;
- Create all new variables as a result of programming;
- Confirm that all relevant variables are included in the data file;
- Final frequency check (for out-of-range values) and recodes created, including those for outliers;
- Verify that variable names and question numbers match the final version of the questionnaire; and
- Create and verify new variable creations (against source variables) as outlined in the analysis plan and perform spell check on all variables.

In addition to these generic rules, project specific requirements are also taken into account. It is also noteworthy that because the CAWI software controls the questionnaire flow and data entry, data are typically quite clean from the outset.

Additional Variables Created

Harris/Decima created a number of extra variables to assist the MEDW team in navigating and analyzing the data:

Time Stamps (Variables T_INT to T_PQ1_END2): The way that timing variables work in this study is that they each capture how long the survey has taken (in seconds) at the point the respondent crosses the variable. To analyze how long someone has taken

between two timestamps, subtract the first time stamp variable from the second and this will represent how long it took the respondent to get from the first variable to the second. In order to convert to minutes, divide the outcome by 60.

Flag: A new Harris template was implemented during this study which enforced 40% of the expected length (in this case 4 minutes for the post-election survey). On this new template, 7 respondents were screened out who finished the post-election survey between 2 to 3 minutes. In previous MEDW studies, these respondents would have not been screened out and for consistency, these 7 respondents have been counted as completes.

Panel Information: Variables 389 to 410 contain information on the panel members who completed the survey that was gathered by Harris/Decima at an earlier date through a previous screening survey. It was appended to this datafile for research and analysis purposes. A second datafile was made available to the MEDW team containing the same variables for all survey non-respondents.

Section: The section variable aides in selecting the appropriate respondent group for analysis:

Value	Label	Segment
1	Pre-election complete	Those who only completed the pre-election survey
2	Pre-election incomplete	Those who started but did not complete the pre-election survey
3 (empty)	Post-election complete	Those who only completed the post-election survey
4 (empty)	Post-election incomplete	Those who started but did not complete the post-election survey and who did not complete the pre-election survey
5	Pre and post election complete	Those who completed both surveys
6	Pre complete and post incomplete	Those who completed the pre-election survey and started the post-election survey, but did not complete it
7 (empty)	Pre incomplete and post complete	Those who started but did not complete the pre-election survey and competed the post-election survey
8	Neither section started	Those who dropped out of the survey in the screening section before Q1

This variable can be recoded to select appropriate respondent groups for analysis. For example, (1 + 5 + 6) are all those who completed the pre-election survey.

Last question answered (LAST_Q): indicates the last question an "incomplete" respondent answered before dropping out of the survey.

ISQ fail variables: Eight variables were created to indicate how respondents did on the in-survey-quality measures. As discussed, it is recommended to only exclude those who failed two or three of the measures. The two variables (one for the pre-election survey and one for the post-election survey) that identifies those respondents are bolded in the table below.

Variable	Segment	Pre or post survey
PRE_GRID	Straight line grid ISQ fail.	Pre
PRE_RESP	Respondent instruction ISQ fail	Pre
PRE_TIME	Minimum length of survey ISQ fail	Pre
PRE_FAIL	**Failed two or more ISQ measures**	**Pre**
POST_GRID	Straight line grid ISQ fail.	Post
POST_RESP	Respondent instruction ISQ fail	Post
POST_TIME	Minimum length of survey ISQ fail	Post
POST_FAIL	**Failed two or more ISQ measures**	**Post**

Electoral Constituency (ELEC_CON): In the final data set, Harris/Decima appended all the electoral constituency information, based on postal codes provided by the respondents (variable SD4A that has been removed) and information provided by MEDW.

Q1 and PQ1 combined variables (Q1A, Q1B, PQ1A, and PQ1B): The Q1 and PQ1 batteries were split sample questions, meaning that half the sample received those questions at the beginning of the surveys and the other half at the end. These variables combine the answers from those two split samples for a base_all variable for each question in the battery.

Date variables: Two date variables were created; one for the pre-election study **(PRE_DAT)** and one for the post-election study **(POST_DAT)**. These are the dates (day and month) that participants completed or otherwise exited (i.e. dropped out of) the survey.

Postal code (QT3): This variable contains only the region affiliated to the first three digits of the postal code provided by respondents (variable SD4A that has been removed), which is how the regions in Quebec were defined for weighting.

Collapsed Education variable (QT4): This variable collapses the respondents' education level into four categories (for details, please see section on quotas), and was used for weighting purposes.

Mother tongue (MLANG): This variable collapses the respondents' mother tongue language into English, French, and Other and was used for weighting purposes.

Age by Gender (Age_gend): Collapsed age variable by gender, used to create weights.

Collapsed vote variable (PRE_VOTE): Created from Q6a and from Q8a and Q8b ONLY IF respondents are coded as voters in the likelihood to vote variable. This variable had to be created to combine respondents' vote intention because the questionnaire had vote intent in Q6A, Q8A, and Q8B. This variable was used for weighting purposes.

PRE_VOTE_COL1: Created from Pre_Vote. This variable is created to narrow the list of parties down to the top 5 vote getters from the actual election results. Respondents who intended to vote for a party other than the top 6 were recoded into "other" and those classified as "non-voter" or "don't know" were recoded into "don't know". This variable was used for weighting purposes.

PRE_VOTE_COL2: Created from Pre_Vote. This variable is identical to PRE_VOTE_COL1, except that it keeps the choice of "non voter" separate from "don't know". This variable was used for weighting purposes.

Collapsed vote variable (POST_VOTE): Created from PQ6, used to create weights.

POST_VOTE_COL1: Created from Post_Vote. This variable is created to narrow the list of parties down to the top 6 vote getters from the actual election results. Respondents who voted for a party other than the top 6 were recoded into "other" and those classified as "non-voter" or "don't know" were recoded into "don't know". This variable was used for weighting purposes.

POST_VOTE_COL2: Created from Post_Vote. This variable is identical to POST_VOTE_COL1, except that it keeps the choice of "non voter" separate from "don't know". This variable was used for weighting purposes.

Likelihood to vote (PRE_INT): Created from Q6 and Q7 variable in order to identify who is likely to vote. Q6=1 OR ANY Q7= 1, 2, or 3, it is coded as "yes". All other responses are coded as "no".

Likelihood of having voted (POST_INT): Created from PQ5_1 and PQ5_2 variables in order to identify who is likely to have voted. PQ5_1=4 OR PQ5_2=1, it is coded as "yes". All other responses are coded as "no".

Weighting

At the conclusion of the data collection and cleaning, Harris/Decima weighted the data by each quota stratum to reflect the actual proportions found in the population. This ensures the findings from the research can be extrapolated to the entire population with accuracy.

RIM weighting (Random Iterative Method - also called raking) was used to create weights. This method of weighting puts selected non-interlocking and grouped interlocking variables in isolation through an iterative sequence of weighting adjustments. The sequence adjusts for each rim in turn and then repeats itself as many times as is required in order to obtain a convergence, in which the sum of the weighted rims matches the target population estimates, or is as close as it is possible to achieve. The number of iterations is indicated in the table below.

Other conventional weighting methods could be used to weight survey data. In many cases, cell weighting (or post-stratification) is applied. This method is the simplest of ways to bring sample proportions in line with population proportions based on census data. It divides the population into a number of cells, such as two gender cells or three age cells. The proportion of the population in each cell is then divided by the proportion for each cell found in the final sample:

Cellweight (W) = proportion in population in cell/proportion in sample in cell

The main reason why this method was not used, was that the information for each desired cell was not available. As weights were based on interlocking information on age, gender, region, education, vote turnout and vote distribution, it was impossible to find correct population information to weight back to. Moreover, should this information have become available, the sheer number of cells would have made for small cell-sizes, risking very high or very low weights for certain populations.

RIM weighting, on the other hand, only uses marginal distributions, therefore allowing for more covariates. It was deemed a more appropriate and methodologically sound weighting method in this study.

The data used for the demographic weights were taken from the same sources as used for the quotas. The source of the official turnout and statistics were supplied to Harris/Decima by the MEDW team.

As a matter of convention, the average weight was set to 1 so that the unweighted base is the same as the weighted base.

Although weighting caps were set, these caps are not hard, but were instead capped by trimming and then after normalization the range in some instances moved slightly.

For more details, please see *Weighting Reports* in Appendix C.

The datafile includes the following weights:

Name	Factors	Use for Pre/Post	# iterations	Cap - low	Cap - high
PRE_WEIGHT1	age, gender, education, region and mother tongue	Pre	5	0.2	5
PRE_WEIGHT2	age, gender, education, region, mother tongue and likelihood to vote (vote turnout)	Pre	5	0.2	5
PRE_WEIGHT3	age, gender, education, region, mother tongue, likelihood	Pre	6	0.2	5

	to vote (vote turnout), and vote intention (actual election results)				
PRE_WEIGHT3B[2]	age, gender, education, region, mother tongue and vote intention (actual election results)	Pre	6	0.2	5
PRE_WEIGHT4[3]	age, gender, education, region, mother tongue and vote intention (actual election results)	Pre	5	0.2	5
POST_WEIGHT1	age, gender, education, region and mother tongue	Post	5	0.2	5
POST_WEIGHT2	age, gender, education, region, mother tongue, and likelihood to vote (vote turnout)	Post	5	0.2	5
POST_WEIGHT3	age, gender, education,	Post	18	0.2	5

[2] Weights 3 and 3B are used to create weights that account, in addition to demographic attributes, for a respondent's likelihood to vote (whether they intend to vote at the time of the pre-election survey or whether they have voted at the time of the post-election survey) and whom they intend to vote for (in the pre-election survey) or who they have voted for (in the post-election survey). Weight 3 does this by using a separate rim for likelihood to vote and vote intent. Weight 3B, however, combines a respondent's likelihood and intent into a single rim by adding the code 'Non-voter' to the VOTE_COL variable and then setting the weight target for those respondents to the non-voter target based on election results while the vote intent targets are set based on election results multiplied by voter turnout. This method avoids voters being weighted up in the vote intent rim and then weighted down (equally) in the likelihood to vote rim, as each party's vote intent targets are only based on actual voter turnout.

[3] Weights 3B and 4 use the same variables, but the weight target within those variables are different, so the weighting is different. Weight 3B uses weight targets that ensure the weighting accounts for both likelihood to vote and vote intent, where weight 4 only accounts for vote intent.

	region, mother tongue, likelihood to vote (vote turnout), and vote recall (actual election results)				
POST_WEIGHT3B[2]	age, gender, education, region, mother tongue, and vote recall (actual election results)	Post	6	0.2	5
POST_WEIGHT4[3]	age, gender, education, region, mother tongue and vote intention (actual election results)	Post	6	0.2	5

Please note, if a respondent was identified as an ISQ fail, failing 2 or more checks, the values of the variables that were used for weighting were set to 'sysmis'. This is required since these variables were used for weighting and ISQ failed respondents are not included in the weighting.

Appendix A: Pre-election Surveys Quota Completions by Date

		High School or Less	College/ CEGEP/ certificate	University- Bachelor or less	University- Grad/Post-Grad
Education	August 24, 2012	68	63	83	32
	August 25, 2012	29	43	42	17
	August 26, 2012	38	29	36	12
	August 27, 2012	61	63	89	31
	August 28, 2012	20	38	27	3
	August 29, 2012	16	27	25	9
	August 30, 2012	9	20	18	10
	August 31, 2012	16	23	14	1
	September 1, 2012	1	1	0	0
	Total	**258**	**307**	**334**	**115**
		18-34	**35-54**	**55+**	
Age	August 24, 2012	26	102	118	
	August 25, 2012	12	51	68	
	August 26, 2012	18	42	55	
	August 27, 2012	60	96	88	
	August 28, 2012	23	51	14	
	August 29, 2012	37	40	0	
	August 30, 2012	47	9	1	
	August 31, 2012	51	3	0	
	September 1, 2012	0	1	1	
	Total	**274**	**395**	**345**	
		Male	**Female**		
Gender	August 24, 2012	120	126		
	August 25, 2012	60	71		
	August 26, 2012	58	57		
	August 27, 2012	101	143		
	August 28, 2012	37	51		
	August 29, 2012	30	47		
	August 30, 2012	33	24		
	August 31, 2012	51	3		
	September 1, 2012	1	1		
	Total	**491**	**523**		

Appendix B: Supplier Panel Information

SSI

Panel Information

1) What is the size of your panel in each of the following regions and countries:
   - ***a. Germany: Hesse and Hamburg – 4798 Hesse, 2116 Hamburg***
   - ***b. Switzerland: Lucerne and Zurich – 359 Lucerne, 1425 Zurich***
   - ***c. Spain: Madrid and Catalonia – 11545 – Madrid, 12322 - Catalonia***
   - ***d. France: IDF and PACA – we can target by region:***

Result	*Percent*	*Nielsen regions FR 5*
15308	*19%*	*Is Equal to Region parisienne*
18046	*23%*	*Is Equal to Nord et Nord Est*
14390	*18%*	*Is Equal to Nord Ouest et Centre Ouest*
13614	*17%*	*Is Equal to Centre et Centre Est*
18002	*23%*	*Is Equal to Sud*

2) What panel recruitment techniques do you currently employ?
   a. Please describe your recruitment sources.

- ***Panelists are recruited through thousands of web sites. SSI works with web sites directly as well as with data aggregators. The majority of the recruitment is contracted through aggregators to help ensure expansive reach to thousands of web properties and millions of visitors to those properties. This approach is designed to optimize the probability that the panel reflects the overall composition of that segment of the online population (close to 70%).***

3) Describe your panel quality control process(es).

- ***SSI has developed a proprietary monitoring system to help control fraud and satisficing behavior. Panelists in the following categories are monitored and removed according to algorithms developed for different types and severities of behavior:***
  - ***Panelists who have completed a survey in an unreasonably short time.***
  - ***Panelists who have responded to "trap" questions on our screener surveys by stating that they own non-existent credit cards or use non-existent brands; for example, panelists who say they use***

Gleam mouthwash or have stayed at the HomeAway Inn hotel chain.

- ***Panelists whose survey data appears suspect as reported by our clients and after investigation.***
- ***Panelists whose survey data appears suspect in our own screener surveys and after investigation.***

An SSI data quality team reviews all panelist data (join data and screener survey data) looking for inconsistent data patterns. If the inconsistency is an error, the data is corrected or removed. If it appears to be fraud, the panelist record is removed.

- ***Regular geographic and demographic updates are part of regular panel management. SSI has access to the most up-to-date information from primary sources. The panel is automatically part of the same Survey Sampling geographic and demographic updating as SSI telephone samples.***
- ***Custom data analysis is performed regularly. For example, pulling all panelists from one ZIP Code and examining the list by hand for evidence of duplication or false information. The combination of programmatic controls and human examination of the data is the same approach as has been used to ensure the quality of SSI's telephone databases for nearly 30 years. SSI Vice President Linda Piekarski supervises panel data quality for the SurveySpot panel.***
- ***The reward team checks the list of panelists claiming rewards for any evidence of fraud, such as duplicate memberships. Because SurveySpot uses a variety of rewards rather than paying for every survey taken, there is little incentive to join the panel multiple times with aliases.***
- ***Newsletters and panel communications discuss the compact of trust between researcher and respondent and the importance of honesty and good faith in survey responses.***

4) What panel profiling information, demographic or otherwise, is available?
   a. How are your panelists profiled?

- ***Our panelists are profiled in real time. Due to our Dynamix platform we are continuously collecting up-to-date information on our respondents so that each respondent can be sent to the right survey at the right time- which makes for the most effective respondent experience. Panelists are also profiled through our registration process and are constantly reminded to update their profile information throughout their time as a member.***

   b. How often are your panelists profiled?

- ***SSI updates profile data in real time. Due to our Dynamix platform we are continuously collecting up-to-date information on our respondents so that each respondent can be sent to the right survey at the right time. In addition, SSI offers clients the ability to create custom profiling questions and to gather profile data on participants in real time.***

   c. What information is included in your profiling surveys?

- ***SSI offers thousands of screening selects, providing information on multiple categories including ailments, hobbies and lifestyles, ownership, media consumption, auto ownership, travel, shopping habits, purchase intent by category, and business titles and responsibilities.***

d. What questions are mandatory and optional in the profiling survey?

- ***SSI has demographic and household data on 100% of participants in North America and works to achieve the highest possible rates in Europe and Asia Pacific, as well as for participants engaged outside of SSI's proprietary panels.***

5) How will you confirm geographic residency of participant?
We have full mailing address on all of our panelists and we also employ geo validation.

- ***SSI employs an advanced data validation service from Imperium® called Verity™. Verity compares respondent demographics to multiple databases and data vendors specializing in consumer information to confirm key identity data, including name, address and date of birth. By implementing Imperium's stringent validation process, SSI's respondent data is Verity certified for accuracy.***

  SSI also addresses the issue of participant authentication to avoid duplicates and misrepresentation in the online survey research process with SSI Verify. SSI Verify comprises a best-in-class digital fingerprinting capability from Imperium called RelevantID™ and SSI's unique set of proven quality checks which includes GEO IP.

6) What will your approach be should there be challenges in meeting the required quotas? ***We will run a full feasibility check and will include partners as needed before the project begins. If the survey specifications change while in field we may need to adjust feasibility, but will be able to bring in additional resources should we need them.***

Sample

1) How is sample pulled?
   - ***SSI's sampling procedure allows exclusion by a variety of factors. These include a previous invitation to a specific survey and the star t, screenout or completion of a specific survey. Sample can be batched, or limited, by a specified number per hour, day, week or other variables. SSI's general recommendation is that a survey remains in the field for 5 days.***
2) What sample sources do you use?
   - ***SSI actively manages panels in 27 countries. In addition to our proprietary communities, SSI manages affiliate communities. SSI can potentially access anyone online to give his or her opinion via a network of relationships with websites, panels, communities and social media groups. SSI provides access***

to people to give their opinions where they are and in the way that best suits the needs of the research project.

3) How is your sample composed?
   - ***SSI's new dynamic sampling platform—SSI Dynamix™—goes beyond panels to integrate seamlessly survey participants from all areas of the Internet, including our own global panels, social media, websites, affiliate partnerships and more. This multi-faceted system delivers the widest reach, transforming the entire Internet into the panel; the most effective respondent experience, taking people to the right surveys at the right time; the highest data integrity, using multiple levels of randomness and built-in quality processes; and the deepest respondent engagement, providing participants with customized, motivating incentives.***

4) How will you ensure demographic quotas and representativeness is met to the aforementioned standards in this study?
   - ***We have the ability to set quota by demographic and will send across our panel to ensure a representative sample.***

Paradata

1) What para-data will be available for this study?
   a. ***Census information? Demographic information is available***
   b. ***Electoral district? No***
   c. ***Age? Yes***
   d. ***Gender? Yes***
   e. ***Region? Yes***
   f. ***Sub-region? No***
   g. ***Education? Yes***
   h. ***Any other relevant information? Household size, employment, income, marital status, social class***

Passwords

1) How does your company typically employ passwords in internet surveys?
   If a password must be used we generally ask that it is included as part of the link forming a unique URL.
2) Are you capable of embedding passwords in unique links provided by Harris/Decima to ensure controlled access to the survey? ***Yes***

Non-Response Information

1) Please indicate if your firm is capable of providing the non-response information on page 4. ***Yes***

Response Rates

1) Please indicate the anticipated response rate for the following: Response varies by project.
   a. ***The Pre Test - 10%***
   b. ***The Post Test – 10%***
2) If bidding on the project for Hesse, Germany, please indicate the anticipated attrition rates between waves.

- ***We do not have information on particular regions but Attrition is a natural part of the ongoing health of a participant community. However, SSI works continually to maintain an acceptable level of attrition by streamlining response and communication processes, and by improving the participant experience.***

Incentives

1) What is your standard incentive structure?

   - ***SSI's philosophy is to offer a flexible reward system. Instead of a one-size-fits-all approach, SSI offers the reward which best suits a specific survey project and that is most likely to appeal to a diverse community of participants. For example, on behalf of participants, SSI has donated more than $1.6 million USD to more than 45 charities around the world since 2001. Other rewards include sweepstakes, points, gift cards, prizes such as digital cameras and music downloads, and cash payments.***

     In order not to introduce bias, SSI uses a reasonable level of reward based on how much effort is required to complete the study, the population being surveyed and the study topic. SSI conducts continuous research to understand which rewards are most effective in incenting participants while maintaining research data quality.

2) Can your incentive structure be customized for this project?

   - ***It's possible, please let us know what you have in mind.***

3) What incentive structure do you recommend for this project?

   - ***Using our points system in conjunction with our sweepstakes.***

Panel Usage

1) What is the average number of surveys sent to a panelist per month?

   - ***There is no data specific to this- However, SSI exercises careful management of the number of invites sent per day. Moreover, SSI does not rely solely on email invitations as a method of participation in surveys. Participants are encouraged to visit the panel community website and take surveys at their leisure. Full details are kept on participation. Also, on some of our panels respondents have the ability to control the amount of surveys they receive.***

2) What types of surveys (academic, commercial, government) do you usually send to your clients?

   - ***We send a variety of different surveys to our clients. All surveys must be for research purposes only.***

3) Do you have procedures for cleaning your panel of non-responsive panelists?

   - ***Yes- Panelists are removed from SSI's panels depending on where they are located and how long it has been since they last took a survey. In North***

America, people who join the panel but do not respond to a survey invitation in 2 months are removed from the panel; those who have responded to a survey but have not responded to a survey within the past 6 months in North America, Europe, and Latin America, and 9 months in Asia Pacific, are removed from the panel. This stringent policy ensures that we continue to refine our communities so that an ever growing percentage of members are active participants.

Challenges

1) Please briefly describe any challenges you foresee in completing this research and your firms proposed solutions.

   - ***If we can discuss all of the project details before going to field including what's being controlled for and screened along with any other details that are important during data collection we should have no issues.***

Appendix C: Invitation E-mail and Information and Consent Screen

Invitation

Pre-election survey:

English:

harris poll online℠ **We need your opinion, please participate today!**

Hello,

The latest Harris Poll Online survey is now open and we want your opinion on **elections and democracy**! In order to receive the reward mentioned you will need to **qualify and complete** the survey.

Start Survey

To participate please click the "Start Survey" button above. If the button fails to launch the survey please copy and paste the link below into the address bar of your browser:

https://surveys.pollg.com/wix/p234168859.aspx?r=1&s=SADTNDEM

For survey comments and concerns, contact the: Survey Help Desk

You received this email because you are a member of the Harris Poll Online Panel. The Harris Poll Online Panel is a product of Harris Interactive, 60 Corporate Woods, Rochester, NY 14623-1457.

Rewards
If you qualify and complete the survey, you will receive HIpoints credited into your account.

Length
20 minutes

Survey Code
CD11585

French:

harris poll online℠

Nous avons besoin de votre opinion : participez dès aujourd'hui!

Bonjour,

Le tout dernier sondage du Harris Poll Online est maintenant disponible et nous aimerions connaître votre opinion sur **les elections et la démocratie**! Pour recevoir la récompense mentionnée, vous devez **être admissible au sondage et y répondre**.

Commencer le Sondage

Pour participer, veuillez cliquer sur le bouton « Commencer le sondage » ci-dessus. Si le sondage ne démarre pas, veuillez copier-coller le lien ci-dessous dans la barre d'adresse de votre navigateur:

https://surveys.pollg.com/wix/p234168859.aspx?r=5&s=RMHUCSHI

Si vous avez des commentaires ou des questions, veuillez communiquer avec le service d'assistance technique et inscrire "CD11585" comme objet: helpdesk_fr@harrisinteractive.net

Vous avez reçu ce message électronique parce que vous êtes membre du Harris Poll Online. Le Harris Poll Online est un produit de Harris Interactive, 60 Corporate Woods, Rochester, NY 14623-1457.

Récompenses
Si vous êtes admissible et répondez à tout le sondage, vous recevrez des Hipoints.

Durée
20 minutes

Code de sondage
CD11585

Post-election survey:

English:

harris poll online℠

We need your opinion, please participate today!

Hello,

The latest Harris Poll Online survey is now open and we want your opinion on **elections and democracy in this brief follow-up study**! In order to receive the reward mentioned you will need to **qualify and complete** the survey.

Start Survey

To participate please click the "Start Survey" button above. If the button fails to launch the survey please copy and paste the link below into the address bar of your browser:

https://surveys.pollg.com/wix/p234168859.aspx?r=1&s=SADTNDEM

For survey comments and concerns, contact the: Survey Help Desk

You received this email because you are a member of the Harris Poll Online Panel. The Harris Poll Online Panel is a product of Harris Interactive, 60 Corporate Woods, Rochester, NY 14623-1457.

Rewards

If you qualify and complete the survey, you will receive HIpoints credited into your account.

Length

10 minutes

Survey Code

CD11585B

French:

harris poll online℠

Nous avons besoin de votre opinion : participez dès aujourd'hui!

Bonjour,

Le tout dernier sondage du Harris Poll Online est maintenant disponible et nous aimerions connaître votre opinion sur **les elections et la démocratie au bref sondage de suivi**! Pour recevoir la récompense mentionnée, vous devez **être admissible au sondage et y répondre**.

Commencer le Sondage

Pour participer, veuillez cliquer sur le bouton « Commencer le sondage » ci-dessus. Si le sondage ne démarre pas, veuillez copier-coller le lien ci-dessous dans la barre d'adresse de votre navigateur:

https://surveys.pollg.com/wix/p234168859.aspx?r=5&s=RMHUCSHI

Si vous avez des commentaires ou des questions, veuillez communiquer avec le service d'assistance technique et inscrire "CD11585" comme objet: helpdesk_fr@harrisinteractive.net

Vous avez reçu ce message électronique parce que vous êtes membre du Harris Poll Online. Le Harris Poll Online est un produit de Harris Interactive, 60 Corporate Woods, Rochester, NY 14623-1457.

Récompenses
Si vous êtes admissible et répondez à tout le sondage, vous recevrez des Hipoints.

Durée
10 minutes

Code de sondage
CD11585B

Landing Page

Pre-election (English):

Thank you for considering taking our survey. We are doing a research study about elections and democracy and we would like your opinions. Participation in the research is voluntary. Your answers will be kept completely confidential and will be used for research purposes only. You must be 18 years or older, a citizen of Canada and a resident of Quebec to participate.The study has two parts. The first, which you are being invited to complete today, is a survey that will only take about 20 minutes to complete. The second part is another, shorter survey. If you participate today you will be re-contacted at a later date and invited to complete the second survey as well. Participation at that time will also be voluntary.If you would like to read additional information about this study, click HERE.If you would like to complete the survey now, without reading more information, please click NEXT to begin. By completing this survey you consent to participate in this study. If you have questions at any time about the study, the conduct of this study or your rights as a research participant please contact one of the individuals listed on the Additional Information screen.During the survey, please do not use your browser's FORWARD and BACK buttons. Instead, please always use the buttons below to move backward and forward through the survey.

Postelection (English):

Thank you for considering taking our survey. Today we are doing the second part of a research project on elections and democracy and we would like your opinions. You completed the first part several days ago. Participation in this part of the research is completely voluntary. Today's survey will take about 10 minutes to complete. Your answers will be kept completely confidential and will be used for research purposes only.You must be 18 years of age or older, a citizen of Canada and a resident of Quebec to participate.If you would like to read additional information about this study, click HERE.If you would like to complete the survey now, without reading more information, please click NEXT to begin. By completing this survey you consent to participate in this study.If you have questions at any time about the study, the conduct of this study or your rights as a research participant please contact one of the individuals listed on the Additional Information screen.During the survey, please do not use your browser's FORWARD and BACK buttons. Instead, please always use the buttons below to move backward and forward through the survey. Simply click on the forward arrow at the bottom of the page to begin the survey.

Pre-election (French):

Merci de prendre le temps de remplir notre sondage. Nous réalisons une étude sur les élections et la démocratie. Dans ce cadre, nous souhaiterions connaître votre opinion. La participation à cette recherche est volontaire. Vos réponses resteront confidentielles et ne seront utilisées qu'à des fins de recherche. Vous devez être âgé de 18 ans ou plus, être citoyen canadien et résident du Québec pour participer. Le sondage a deux parties.

La première, que vous êtes invité à compléter aujourd'hui, est un sondage qui ne prend environ que 20 minutes à compléter. Le second volet est un autre questionnaire, plus court. Si vous participez, vous serez contacté et invité à compléter le second sondage à une date ultérieure. La participation à ce moment sera aussi volontaire. Si vous désirez obtenir plus d'information sur notre étude, cliquez ICI.Si vous souhaitez commencer à remplir le questionnaire dès maintenant, sans lire davantage, appuyez sur « suivante » pour débuter. En complétant ce sondage, vous consentez à participer à l'étude.Si vous avez des questions à propos de l'étude, de la poursuite de celle-ci ou de vos droits en tant que participant à la recherche, vous pouvez contacter les personnes mentionnées dans la fenêtre d'informations additionnelles à n'importe quel moment.Pendant le sondage, n'utilisez pas les boutons « précédent » et « suivant » de votre fureteur. Veuillez plutôt utiliser les boutons ci-dessous pour reculer et avancer dans le sondage.

Post-election (French):

Nous vous remercions de votre intérêt pour notre sondage. Aujourd'hui nous effectuons la deuxième partie d'un projet de recherche sur les élections et la démocratie, pour lequel nous aimerions recueillir votre opinion. Il y a quelques jours, vous avez complété le premier volet de cette étude. La participation à cette seconde partie de la recherche est volontaire. Ce sondage prend environ 10 minutes à compléter. Vos réponses sont confidentielles et ne seront utilisées qu'à des fins de recherche. Vous devez avoir plus de 18 ans, être citoyen du Canada et résident du Québec pour participer. Si vous désirez obtenir des informations additionnelles sur cette étude, cliquez ICI.Si vous souhaitez commencer à remplir le questionnaire dès maintenant, sans lire davantage, appuyez sur « suivante » pour débuter. En complétant le sondage, vous consentez à participer à cette étude.Si vous avez des questions à propos de l'étude, de la poursuite de celle-ci ou de vos droits en tant que participant à la recherche, vous pouvez contacter les personnes mentionnées dans la fenêtre d'informations additionnelles à n'importe quel moment. Pendant le sondage, n'utilisez pas les boutons « précédent » et « suivant » de votre fureteur. Veuillez plutôt utiliser les boutons ci-dessous pour reculer et avancer dans le sondage. Cliquez simplement sur la flèche au bas de cette page pour débuter le sondage.

Additional Information

Pre-election (English):
The purpose of this screen is to provide you with information about the research study. You must be 18 years of age or older, a Canadian citizen and a resident of Quebec to be eligible to participate.

The purpose of the study is to obtain information about your views regarding elections and democracy. Participation in this study is voluntary. You may refuse to participate or end your participation at any time.

The study consists of two surveys. The first can be completed today. It will take about 20

minutes to complete. The second will be distributed after September 4, 2012. Should you complete today's survey, you will be re-contacted and asked to participate in the second survey as well. Participation today does not commit you to complete the next survey.

The benefit of participating in this study is that your responses will help us to know more about elections in Quebec. You may not benefit personally from your participation. There are no known risks associated with participating in this study.

If you complete the survey today you will be compensated with 100 HIpoints or 75 Aeroplan miles. Should you also complete the second survey, you will be compensated with an additional 100 HIpoints or 75 Aeroplan miles.

Your confidentiality will be maintained at all times.

If you have questions at any time about the study, you may contact:

Dr. Laura Stephenson

Department of Political Science

University of Western Ontario

London, Ontario, Canada

1-519-661-2111 ext. 85164

lstephe8@uwo.ca

Prof. François Gélineau

Département de science politique

Université Laval

Quebec City, Quebec, Canada

1-418-656-2131, ext. 3073

francois.gelineau@pol.ulaval.ca

If you have questions about the conduct of this study or your rights as a research subject you may contact: Office of Research Ethics, UWO 1-519-661-3036.

Completion of the survey indicates your consent to participate.

If you wish to participate in this first phase of the study, please close this window and click the forward arrow to begin the survey.

Post-election (English):
The purpose of this screen is to provide you with information about the research study. You must be 18 years of age or older, a Canadian citizen and a resident of Quebec to be eligible to participate.

The purpose of the study is to obtain information about your views regarding elections and democracy. Participation in this study is voluntary. You may refuse to participate or end your participation at any time.

You completed the first part of this study several days ago. Today we are asking you to participate in another survey, which is the second part of the study. It will take about 10 minutes to complete.

The benefit of participating in this study is that your responses will help us to know more about elections in Quebec. You may not benefit personally from your participation. There are no known risks associated with participating in this study.

If you complete the survey today you will be compensated with 100 HIpoints or 75 Aeroplan miles.

Your confidentiality will be maintained at all times.

If you have questions at any time about the study, you may contact:

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Completion of the survey indicates your consent to participate.

If you wish to participate in this phase of the study, please close this window and click the forward arrow to begin the survey.

Pre-election (French):
Cette page vous donne de l'information sur le projet de recherche associé à ce questionnaire. Vous devez être âgé d'au moins 18 ans, être citoyen canadien et résider au Québec pour pouvoir participer.

La recherche a pour but d'obtenir de l'information sur vos opinions au sujet des élections et de la démocratie. Votre participation à l'étude est volontaire. Vous pouvez refuser de participer ou mettre fin à votre participation à tout moment.

L'étude consiste en deux sondages. Le premier peut être complété aujourd'hui. Il prend environ 20 minutes à compléter. Le second sera distribué après le 4 septembre 2012. Si vous participez à l'étude d'aujourd'hui, vous serez contacté plus tard et invité à participer au second sondage. Votre participation aujourd'hui ne vous force pas à participer au second sondage.

En acceptant de participer à ce projet de recherche, vous nous aiderez à mieux comprendre les élections au Québec. Il n'y a aucun risque connu associé à votre participation.

Si vous complétez le sondage aujourd'hui vous gagnerez 100 HIpoints ou 75 milles Aéroplan. Si vous complétez aussi le second deuxième sondage, vous gagnerez 100 HIpoints ou 75 milles Aéroplan.

Votre participation à ce projet est entièrement anonyme.

Si vous avez des questions à tout moment à propos de l'étude, vous pouvez contacter:

Dr. Laura Stephenson

Departement of Political Science

University of Western Ontario

London (Ontario) Canada

1-519-661-2111 ext. 85164

lstephe8@uwo.ca

Prof. François Gélineau

Département de science politique

Université Laval

Québec (Québec) Canada

(418) 656-2131, poste 3073

francois.gelineau@pol.ulaval.ca

Si vous avez des questions sur la recherche ou sur les implications de votre participation, vous pouvez contacter le bureau de l'éthique en recherche de la University of Western Ontario,1-519-661-3036.

En remplissant ce questionnaire, vous consentez librement à participer à la recherche.

Afin de participer à la première partie de l'étude, vous pouvez fermer cette fenêtre et cliquer sur la flèche pour continuer.

Post-election (French):
Cette page vous donne de l'information sur le projet de recherche associé à ce questionnaire. Vous devez être âgé d'au moins 18 ans, être citoyen canadien et résider au Québec pour pouvoir participer.

La recherche a pour but d'obtenir de l'information sur vos opinions au sujet des élections et de la démocratie. Votre participation à l'étude est volontaire. Vous pouvez refuser de participer ou mettre fin à votre participation à tout moment.

Vous avez complété la première partie de cette étude il y a quelques jours. Aujourd'hui, nous vous demandons de participer à un autre sondage, qui constitue la seconde partie de l'étude. Celui-ci prend environ 10 minutes à compléter.

En acceptant de participer à ce projet de recherche, vous nous aiderez à mieux comprendre les élections au Québec. Il n'y a aucun risque connu associé à votre participation.

Si vous complétez le sondage aujourd'hui vous gagnerez 100 HIpoints ou 75 milles Aéroplan.

Votre participation à ce projet est entièrement anonyme.

Si vous avez des questions à tout moment à propos de l'étude, vous pouvez contacter:

Dr. Laura Stephenson

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Prof. François Gélineau

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Si vous avez des questions sur la recherche ou sur les implications de votre participation, vous pouvez contacter le bureau de l'éthique en recherche de la University of Western Ontario, 1-519-661-3036.

En remplissant ce questionnaire, vous consentez librement à participer à la recherche.

Afin de participer à cette partie de l'étude, vous pouvez fermer cette fenêtre et cliquer sur la flèche pour continuer.

Appendix D: Weighting Reports

WEIGHTING REPORT - PREWGT1
- PREWGT1 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG

Overall RIM Weighting Efficiency: 61.32%
Number of iterations performed: 5

Input count of respondents: 1014
Respondent weight limits specified for this group: min. 0.00000000 - max. 1014.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	136.48	137	13.51	0.99609909	136.47	13.46	8.49785412	0.30172035
Male - 35 to 54	19.46	197.32	195	19.23	1.01208204	197.36	19.46	6.62860898	0.38093083
Male - 55 plus	15.39	156.05	159	15.68	0.98154073	156.06	15.39	8.37560876	0.29737997
Female - 18 to 34	13.40	135.88	137	13.51	0.99176377	135.87	13.40	8.15238314	0.28945424
Female - 35 to 54	19.79	200.67	200	19.72	1.00331039	200.66	19.79	4.81576282	0.27675075
Female - 55 plus	18.50	187.59	186	18.34	1.00849320	187.58	18.50	2.23133543	0.28470910

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	443.63	258	25.44	1.71957711	443.65	43.75	8.49785412	1.11387532
College/CEGEP/ Certificate	33.16	336.24	307	30.28	1.09528837	336.25	33.16	6.62860898	0.68818973
University – Bachelor or less	16.75	169.85	334	32.94	0.50844375	169.82	16.75	2.98544882	0.27675075
University – Grad/Post-Grad	06.34	64.29	115	11.34	0.55891618	64.28	06.34	2.66565292	0.27675112

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	298.72	310	30.57	0.96359504	298.71	29.46	8.49785412	0.33999366
Other Montreal	17.45	176.94	181	17.85	0.97759428	176.94	17.45	2.32227483	0.37395759
Quebec City	08.50	86.19	125	12.33	0.68952525	86.19	08.50	4.21217092	0.27675075
East	19.20	194.69	161	15.88	1.20927528	194.69	19.20	2.44005970	0.44044874
West	25.39	257.45	237	23.37	1.08631644	257.46	25.39	5.79554915	0.38078288

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
English	08.17	82.84	103	10.16	0.80430874	82.84	08.17	2.29870222	0.30157062

French	79.57	806.84	873	86.09	0.92421512	806.84	79.57	2.44005970	0.27675075
Other	12.26	124.32	38	03.75	3.27148421	124.32	12.26	8.49785412	1.93662580

WEIGHTING REPORT - PREWGT2
- PREWGT2 –

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PRE_INT

Overall RIM Weighting Efficiency: 61.26%
Number of iterations performed: 5

Input count of respondents: 1014
Respondent weight limits specified for this group: min. 0.00000000 - max. 1014.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	136.48	137	13.51	0.99608816	136.46	13.46	8.54439162	0.30323209
Male - 35 to 54	19.46	197.32	195	19.23	1.01208075	197.36	19.46	6.63389565	0.36416871
Male - 55 plus	15.39	156.05	159	15.68	0.98154547	156.07	15.39	8.37145961	0.29709490
Female - 18 to 34	13.40	135.88	137	13.51	0.99175279	135.87	13.40	8.19781693	0.27768041
Female - 35 to 54	19.79	200.67	200	19.72	1.00330401	200.66	19.79	4.82840539	0.26505605
Female - 55 plus	18.50	187.59	186	18.34	1.00851351	187.58	18.50	2.22461134	0.28413775

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	443.63	258	25.44	1.71957447	443.65	43.75	8.54439162	1.11996114
College/CEGEP/ Certificate	33.16	336.24	307	30.28	1.09529005	336.25	33.16	6.63389565	0.65958228
University – Bachelor or less	16.75	169.85	334	32.94	0.50844464	169.82	16.75	2.98727247	0.26505605
University – Grad/Post-Grad	06.34	64.29	115	11.34	0.55891506	64.28	06.34	2.66809260	0.27793820

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	298.72	310	30.57	0.96358595	298.71	29.46	8.54439162	0.34159855
Other Montreal	17.45	176.94	181	17.85	0.97760041	176.95	17.45	2.32933348	0.37525048
Quebec City	08.50	86.19	125	12.33	0.68952822	86.19	08.50	4.19935813	0.26505605
East	19.20	194.69	161	15.88	1.20928314	194.69	19.20	2.44922286	0.43166057
West	25.39	257.45	237	23.37	1.08631675	257.46	25.39	5.78830853	0.38278373

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		

English	08.17	82.84	103	10.16	0.80430087	82.84	08.17	2.31565586	0.30319505
French	79.57	806.84	873	86.09	0.92421492	806.84	79.57	2.44922286	0.26505605
Other	12.26	124.32	38	03.75	3.27151019	124.32	12.26	8.54439162	1.94031600

PRE_INT	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Yes, will vote	92.29	935.82	939	92.60	0.99661406	935.82	92.29	8.54439162	0.27770565
No, will not vote	07.71	78.18	75	07.40	1.04239200	78.18	07.71	2.03437357	0.26505605

WEIGHTING REPORT - PREWGT3
- PREWGT3 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC1, PRE_INT

Overall RIM Weighting Efficiency: 60.60%
Number of iterations performed: 6

Input count of respondents: 1014
Respondent weight limits specified for this group: min. 0.00000000 - max. 1014.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	136.48	137	13.51	0.99621200	136.48	13.46	10.39657565	0.14205142
Male - 35 to 54	19.46	197.32	195	19.23	1.01195383	197.33	19.46	8.22212518	0.17587001
Male - 55 plus	15.39	156.05	159	15.68	0.98151514	156.06	15.39	5.69511053	0.15231029
Female - 18 to 34	13.40	135.88	137	13.51	0.99177108	135.87	13.40	8.33427029	0.13627649
Female - 35 to 54	19.79	200.67	200	19.72	1.00331086	200.66	19.79	4.17425770	0.23196875
Female - 55 plus	18.50	187.59	186	18.34	1.00856045	187.59	18.50	2.52909629	0.22704906

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	443.63	258	25.44	1.71944836	443.62	43.75	10.39657565	0.53315701
College/CEGEP/ Certificate	33.16	336.24	307	30.28	1.09524676	336.24	33.16	8.22212518	0.27461805
University – Bachelor or less	16.75	169.85	334	32.94	0.50853256	169.85	16.75	3.21643220	0.14205142
University – Grad/Post-Grad	06.34	64.29	115	11.34	0.55905819	64.29	06.34	3.07859891	0.13627649

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	298.72	310	30.57	0.96366283	298.74	29.46	10.39657565	0.13627649
Other Montreal	17.45	176.94	181	17.85	0.97761078	176.95	17.45	2.61619485	0.31013658

Quebec City	08.50	86.19	125	12.33	0.68949178	86.19	08.50	3.61048731	0.22704906
East	19.20	194.69	161	15.88	1.20919521	194.68	19.20	2.53677244	0.34802954
West	25.39	257.45	237	23.37	1.08628721	257.45	25.39	5.69511053	0.15231029
MLANG	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
English	08.17	82.84	103	10.16	0.80424456	82.84	08.17	1.95226113	0.13627649
French	79.57	806.84	873	86.09	0.92422976	806.85	79.57	2.59042254	0.15231029
Other	12.26	124.32	38	03.75	3.27132175	124.31	12.26	10.39657565	1.62532402
PVC1	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Quebec Liberal Party	25.78	261.41	215	21.20	1.21579133	261.40	25.78	10.39657565	0.32426829
Parti québécois	26.40	267.70	280	27.61	0.95600570	267.68	26.40	2.53677244	0.26776704
Qubec solidaire	04.98	50.50	74	07.30	0.68235788	50.49	04.98	1.98053179	0.23196875
Coalition avenir Québec – L'équipe François Legault	22.36	226.73	225	22.19	1.00763645	226.72	22.36	8.33427029	0.24975767
Option nationale	01.56	15.82	16	01.58	0.98859681	15.82	01.56	2.30807476	0.30828214
Green Party of Québec	00.82	08.31	17	01.68	0.48907957	08.31	00.82	3.29957210	0.13627649
Autre	00.74	07.50	11	01.08	0.68210875	07.50	00.74	1.62532402	0.24275783
Ne sait pas	17.36	176.03	176	17.36	1.00042890	176.08	17.36	7.27251189	0.22704906
PRE_INT	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Yes, will vote	92.29	935.82	939	92.60	0.99661406	935.82	92.29	10.39657565	0.13627649
No, will not vote	07.71	78.18	75	07.40	1.04239200	78.18	07.71	1.94718238	0.25890989

WEIGHTING REPORT - PREWGT3B
- PREWGT3 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC2

Overall RIM Weighting Efficiency: 46.80%
Number of iterations performed: 6

Input count of respondents: 1014
Respondent weight limits specified for this group: min. 0.00000000 - max. 1014.00000000

AGE_GEND	**PROJECTED**	**INPUT**	**WEIGHT**	**OUTPUT**	**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**

	%	#	#	%		#	%		
Male - 18 to 34	13.46	136.48	137	13.51	0.99613530	136.47	13.46	7.09661365	0.07919868
Male - 35 to 54	19.46	197.32	195	19.23	1.01185326	197.31	19.46	7.17755090	0.12418011
Male - 55 plus	15.39	156.05	159	15.68	0.98151462	156.06	15.39	5.79698287	0.13396061
Female - 18 to 34	13.40	135.88	137	13.51	0.99179837	135.88	13.40	5.54311085	0.07246423
Female - 35 to 54	19.79	200.67	200	19.72	1.00342184	200.68	19.79	8.53837989	0.16266273
Female - 55 plus	18.50	187.59	186	18.34	1.00858339	187.60	18.50	4.50048528	0.27531405

QT4	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
HS or less	43.75	443.63	258	25.44	1.71950213	443.63	43.75	7.09661365	0.31587375
College/CEGEP/ Certificate	33.16	336.24	307	30.28	1.09526902	336.25	33.16	7.17755090	0.17019756
University – Bachelor or less	16.75	169.85	334	32.94	0.50849723	169.84	16.75	8.53837989	0.07765737
University – Grad/Post-Grad	06.34	64.29	115	11.34	0.55898077	64.28	06.34	7.09087664	0.07246423

QT3	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Montreal Islands	29.46	298.72	310	30.57	0.96370842	298.75	29.46	7.17755090	0.07246423
Other Montreal	17.45	176.94	181	17.85	0.97756990	176.94	17.45	8.53837989	0.23575470
Quebec City	08.50	86.19	125	12.33	0.68950677	86.19	08.50	5.57029177	0.16208145
East	19.20	194.69	161	15.88	1.20915976	194.67	19.20	5.76525386	0.25491305
West	25.39	257.45	237	23.37	1.08627498	257.45	25.39	5.79698287	0.13396061

MLANG	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
English	08.17	82.84	103	10.16	0.80430501	82.84	08.17	4.27370685	0.07246423
French	79.57	806.84	873	86.09	0.92421785	806.84	79.57	6.74359605	0.13212624
Other	12.26	124.32	38	03.75	3.27143152	124.31	12.26	8.53837989	1.31890529

PVC2	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Quebec Liberal Party	20.17	204.52	215	21.20	0.95127349	204.52	20.17	7.17755090	0.22974434
Parti québécois	20.65	209.39	280	27.61	0.74782500	209.39	20.65	1.94211091	0.20164688
Qubec solidaire	03.90	39.55	74	07.30	0.53440541	39.55	03.90	2.19768195	0.16882186
Coalition avenir Québec – L'équipe François Legault	17.49	177.35	225	22.19	0.78821600	177.35	17.49	5.79698287	0.16266273

Option nationale	01.22	12.37	16	01.58	0.77317500	12.37	01.22	2.24323530	0.25860204
Green Party of Québec	00.64	06.49	17	01.68	0.38174118	06.49	00.64	3.16552048	0.07246423
Autre	00.57	05.78	11	01.08	0.52543636	05.78	00.57	1.42837524	0.16208145
Non-votant	25.40	257.56	75	07.40	3.43408000	257.56	25.40	8.53837989	0.92799340
Ne sait pas	09.96	100.99	101	09.96	0.99994455	100.99	09.96	6.96254165	0.21469701

WEIGHTING REPORT - PREWGT4
- PREWGT4 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC1

Overall RIM Weighting Efficiency: 60.52%
Number of iterations performed: 5

Input count of respondents: 1014
Respondent weight limits specified for this group: min. 0.00000000 - max. 1014.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	136.48	137	13.51	0.99603875	136.46	13.46	10.38918163	0.14324745
Male - 35 to 54	19.46	197.32	195	19.23	1.01209739	197.36	19.46	8.16416881	0.17680202
Male - 55 plus	15.39	156.05	159	15.68	0.98159233	156.07	15.39	5.63561693	0.15268034
Female - 18 to 34	13.40	135.88	137	13.51	0.99174326	135.87	13.40	8.32265757	0.13775993
Female - 35 to 54	19.79	200.67	200	19.72	1.00331719	200.66	19.79	4.36507934	0.23136833
Female - 55 plus	18.50	187.59	186	18.34	1.00848524	187.58	18.50	2.50316432	0.23762566

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	443.63	258	25.44	1.71964679	443.67	43.75	10.38918163	0.53608505
College/CEGEP/ Certificate	33.16	336.24	307	30.28	1.09530128	336.26	33.16	8.16416881	0.27556215
University – Bachelor or less	16.75	169.85	334	32.94	0.50839756	169.80	16.75	3.19967508	0.14324745
University – Grad/Post-Grad	06.34	64.29	115	11.34	0.55885958	64.27	06.34	3.07039901	0.13775993

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	298.72	310	30.57	0.96356268	298.70	29.46	10.38918163	0.13775993
Other Montreal	17.45	176.94	181	17.85	0.97761235	176.95	17.45	2.61255693	0.32993012
Quebec City	08.50	86.19	125	12.33	0.68952857	86.19	08.50	3.74557060	0.23136833
East	19.20	194.69	161	15.88	1.20928948	194.70	19.20	2.53699825	0.34888978
West	25.39	257.45	237	23.37	1.08633358	257.46	25.39	5.63561693	0.15268034

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
English	08.17	82.84	103	10.16	0.80428286	82.84	08.17	1.99678170	0.13775993
French	79.57	806.84	873	86.09	0.92422116	806.85	79.57	2.60131675	0.15268034
Other	12.26	124.32	38	03.75	3.27141572	124.31	12.26	10.38918163	1.61529778

PVC1	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Quebec Liberal Party	25.78	261.41	215	21.20	1.21585674	261.41	25.78	10.38918163	0.32264128
Parti québécois	26.40	267.70	280	27.61	0.95605714	267.70	26.40	2.53699825	0.26638127
Qubec solidaire	04.98	50.50	74	07.30	0.68239459	50.50	04.98	1.96023748	0.23136833
Coalition avenir Québec – L'équipe François Legault	22.36	226.73	225	22.19	1.00769067	226.73	22.36	8.32265757	0.25016096
Option nationale	01.56	15.82	16	01.58	0.98865000	15.82	01.56	2.28767267	0.30593452
Green Party of Québec	00.82	08.31	17	01.68	0.48910588	08.31	00.82	3.27623607	0.13775993
Autre	00.74	07.50	11	01.08	0.68214545	07.50	00.74	1.61529778	0.24339577
Ne sait pas	17.36	176.03	176	17.36	1.00017273	176.03	17.36	7.65164386	0.23762566

WEIGHTING REPORT - POSTWGT1
- POSTWGT1 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG

Overall RIM Weighting Efficiency: 58.49%
Number of iterations performed: 5

Input count of respondents: 747
Respondent weight limits specified for this group: min. 0.00000000 - max. 747.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	100.55	85	11.38	1.18298736	100.55	13.46	3.35972261	0.37597560
Male - 35 to 54	19.46	145.37	151	20.21	0.96275591	145.38	19.46	7.48253112	0.30776468
Male - 55 plus	15.39	114.96	122	16.33	0.94227425	114.96	15.39	10.06607332	0.21881303
Female - 18 to 34	13.40	100.10	95	12.72	1.05372906	100.10	13.40	2.52228510	0.28702327
Female - 35 to 54	19.79	147.83	137	18.34	1.07896440	147.82	19.79	6.00734949	0.24708885
Female - 55 plus	18.50	138.20	157	21.02	0.88019166	138.19	18.50	1.80419910	0.20190204

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP.	MIN. RESP.

	%	#	#	%		#	%	RIM WEIGHT	RIM WEIGHT
HS or less	43.75	326.81	183	24.50	1.78606393	326.85	43.75	10.06607332	1.05694052
College/CEGEP/ Certificate	33.16	247.71	219	29.32	1.13108805	247.71	33.16	7.48253112	0.55859031
University – Bachelor or less	16.75	125.12	254	34.00	0.49249466	125.09	16.75	3.30397483	0.20190204
University – Grad/Post-Grad	06.34	47.36	91	12.18	0.52031180	47.35	06.34	3.35972261	0.20530872

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	220.07	227	30.39	0.96941961	220.06	29.46	10.06607332	0.27882792
Other Montreal	17.45	130.35	128	17.14	1.01837709	130.35	17.45	3.22878884	0.26796155
Quebec City	08.50	63.50	86	11.51	0.73831508	63.50	08.50	3.85218712	0.20190204
East	19.20	143.42	123	16.47	1.16608468	143.43	19.20	3.13786248	0.32188823
West	25.39	189.66	183	24.50	1.03642605	189.67	25.39	5.06803184	0.26562727

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
English	08.17	61.03	76	10.17	0.80302500	61.03	08.17	3.04432723	0.24921038
French	79.57	594.39	643	86.08	0.92439798	594.39	79.57	3.13786248	0.20190204
Other	12.26	91.58	28	03.75	3.27079286	91.58	12.26	10.06607332	1.69026254

WEIGHTING REPORT - POSTWGT2
- POSTWGT2 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, POST_INT

Overall RIM Weighting Efficiency: 58.15%
Number of iterations performed: 5

Input count of respondents: 747
Respondent weight limits specified for this group: min. 0.00000000 - max. 747.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	100.55	85	11.38	1.18290295	100.55	13.46	3.43581218	0.38911392
Male - 35 to 54	19.46	145.37	151	20.21	0.96273899	145.37	19.46	7.58658503	0.26248200
Male - 55 plus	15.39	114.96	122	16.33	0.94232475	114.96	15.39	10.19200850	0.21858563
Female - 18 to 34	13.40	100.10	95	12.72	1.05368043	100.10	13.40	2.63735355	0.24701627
Female - 35 to 54	19.79	147.83	137	18.34	1.07896620	147.82	19.79	6.15105245	0.23925889
Female - 55 plus	18.50	138.20	157	21.02	0.88024225	138.20	18.50	1.82260377	0.20242096

QT4	PROJECTED	INPUT	WEIGHT	OUTPUT	MAX. RESP.	MIN. RESP.

	%	#	#	%		#	%	RIM WEIGHT	RIM WEIGHT
HS or less	43.75	326.81	183	24.50	1.78603430	326.84	43.75	10.19200850	1.06890963
College/CEGEP/ Certificate	33.16	247.71	219	29.32	1.13109199	247.71	33.16	7.58658503	0.55878356
University – Bachelor or less	16.75	125.12	254	34.00	0.49250686	125.10	16.75	3.43581218	0.20242096
University – Grad/Post-Grad	06.34	47.36	91	12.18	0.52032787	47.35	06.34	3.34330720	0.20641422

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	220.07	227	30.39	0.96943685	220.06	29.46	10.19200850	0.23176210
Other Montreal	17.45	130.35	128	17.14	1.01837986	130.35	17.45	3.34330720	0.23882032
Quebec City	08.50	63.50	86	11.51	0.73831346	63.49	08.50	3.84844527	0.20242096
East	19.20	143.42	123	16.47	1.16607605	143.43	19.20	3.25235939	0.26497297
West	25.39	189.66	183	24.50	1.03640930	189.66	25.39	5.09760128	0.26812420

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
English	08.17	61.03	76	10.17	0.80301592	61.03	08.17	2.64493300	0.23925889
French	79.57	594.39	643	86.08	0.92439877	594.39	79.57	3.25235939	0.20242096
Other	12.26	91.58	28	03.75	3.27079941	91.58	12.26	10.19200850	1.71006091

POST_INT	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Yes, voted	89.92	671.70	672	89.96	0.99955714	671.70	89.92	10.19200850	0.20242096
No, did not vote	10.08	75.30	75	10.04	1.00396800	75.30	10.08	2.89749981	0.23176210

WEIGHTING REPORT - POSTWGT3
- POSTWGT3 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC1, POST_INT

Overall RIM Weighting Efficiency: 57.59%
Number of iterations performed: 18

Input count of respondents: 747
Respondent weight limits specified for this group: min. 0.00000000 - max. 747.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	100.55	85	11.38	1.18290033	100.55	13.46	3.96225672	0.29261867
Male - 35 to 54	19.46	145.37	151	20.21	0.96266786	145.36	19.46	9.40422462	0.10066833
Male - 55 plus	15.39	114.96	122	16.33	0.94235561	114.97	15.39	5.59252586	0.16524175

Female - 18 to 34	13.40	100.10	95	12.72	1.05367005	100.10	13.40	3.00465597	0.12442406
Female - 35 to 54	19.79	147.83	137	18.34	1.07903343	147.83	19.79	3.93078454	0.17707257
Female - 55 plus	18.50	138.20	157	21.02	0.88023571	138.20	18.50	2.00292787	0.07035982
QT4	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
HS or less	43.75	326.81	183	24.50	1.78582540	326.81	43.75	3.56521970	0.75922565
College/CEGEP/ Certificate	33.16	247.71	219	29.32	1.13107068	247.70	33.16	9.40422462	0.17707257
University – Bachelor or less	16.75	125.12	254	34.00	0.49262888	125.13	16.75	3.96225672	0.07035982
University – Grad/Post-Grad	06.34	47.36	91	12.18	0.52045865	47.36	06.34	3.57543268	0.12683590
QT3	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Montreal Islands	29.46	220.07	227	30.39	0.96944314	220.06	29.46	9.40422462	0.07035982
Other Montreal	17.45	130.35	128	17.14	1.01838339	130.35	17.45	3.57543268	0.10066833
Quebec City	08.50	63.50	86	11.51	0.73833262	63.50	08.50	4.31123387	0.17707257
East	19.20	143.42	123	16.47	1.16603698	143.42	19.20	3.56521970	0.22922047
West	25.39	189.66	183	24.50	1.03641629	189.66	25.39	5.59252586	0.13193477
MLANG	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
English	08.17	61.03	76	10.17	0.80302157	61.03	08.17	2.91853420	0.12442406
French	79.57	594.39	643	86.08	0.92440170	594.39	79.57	3.56521970	0.07035982
Other	12.26	91.58	28	03.75	3.27071673	91.58	12.26	9.40422462	1.72204110
PVC1	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Quebec Liberal Party	27.23	203.41	171	22.89	1.18939997	203.39	27.23	9.40422462	0.18254157
Parti québécois	27.89	208.34	217	29.05	0.95998661	208.32	27.89	3.56521970	0.18134404
Qubec solidaire	05.26	39.29	56	07.50	0.70157501	39.29	05.26	2.65613844	0.22380865
Coalition avenir Québec – L'équipe François Legault	23.61	176.37	175	23.43	1.00770713	176.35	23.61	5.59252586	0.19297205
Option nationale	01.65	12.33	12	01.61	1.02702045	12.32	01.65	2.30309410	0.46905530
Green Party of Québec	00.86	06.42	14	01.87	0.45882472	06.42	00.86	3.30253701	0.07035982
Autre	00.78	05.83	7	00.94	0.83228670	05.83	00.78	2.00159127	0.29866464
Ne sait pas	12.72	95.02	95	12.72	1.00089225	95.08	12.73	3.93078454	0.13193477

POST_INT	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Yes, voted	89.92	671.70	672	89.96	0.99955714	671.70	89.92	9.40422462	0.07035982
No, did not vote	10.08	75.30	75	10.04	1.00396800	75.30	10.08	3.06170160	0.21159796

WEIGHTING REPORT - POSTWGT3B
- POSTWGT3 -

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC2

Overall RIM Weighting Efficiency: 50.65%
Number of iterations performed: 6

Input count of respondents: 747
Respondent weight limits specified for this group: min. 0.00000000 - max. 747.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	100.55	85	11.38	1.18266491	100.53	13.46	7.04011155	0.24386899
Male - 35 to 54	19.46	145.37	151	20.21	0.96261152	145.35	19.46	7.87549566	0.09528027
Male - 55 plus	15.39	114.96	122	16.33	0.94242081	114.98	15.39	5.14050263	0.19408944
Female - 18 to 34	13.40	100.10	95	12.72	1.05368353	100.10	13.40	5.13295206	0.08144174
Female - 35 to 54	19.79	147.83	137	18.34	1.07906656	147.83	19.79	5.07883335	0.14875048
Female - 55 plus	18.50	138.20	157	21.02	0.88032961	138.21	18.50	3.30735794	0.06779613

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	326.81	183	24.50	1.78588236	326.82	43.75	6.13502363	0.47992904
College/CEGEP/ Certificate	33.16	247.71	219	29.32	1.13111183	247.71	33.16	7.87549566	0.14875048
University – Bachelor or less	16.75	125.12	254	34.00	0.49257555	125.11	16.75	5.13295206	0.06779613
University – Grad/Post-Grad	06.34	47.36	91	12.18	0.52039391	47.36	06.34	7.04011155	0.08144631

QT3	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Montreal Islands	29.46	220.07	227	30.39	0.96957665	220.09	29.46	7.87549566	0.06779613
Other Montreal	17.45	130.35	128	17.14	1.01836600	130.35	17.45	5.31923350	0.09528027
Quebec City	08.50	63.50	86	11.51	0.73828831	63.49	08.50	4.38084379	0.14875048
East	19.20	143.42	123	16.47	1.16591370	143.41	19.20	4.82708808	0.30708052
West	25.39	189.66	183	24.50	1.03636651	189.66	25.39	5.14050263	0.15592071

MLANG	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
English	08.17	61.03	76	10.17	0.80298283	61.03	08.17	6.13502363	0.08144174
French	79.57	594.39	643	86.08	0.92440759	594.39	79.57	5.51590306	0.06779613
Other	12.26	91.58	28	03.75	3.27068664	91.58	12.26	7.87549566	1.60745384

PVC2	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Quebec Liberal Party	22.44	167.63	171	22.89	0.98027368	167.63	22.44	7.87549566	0.18121898
Parti québécois	22.98	171.66	217	29.05	0.79106267	171.66	22.98	2.49242536	0.17915704
Qubec solidaire	04.34	32.42	56	07.50	0.57892500	32.42	04.34	1.78481234	0.22044858
Coalition avenir Québec – L'équipe François Legault	19.45	145.29	175	23.43	0.83023714	145.29	19.45	5.14050263	0.17593045
Option nationale	01.36	10.16	12	01.61	0.84660000	10.16	01.36	1.94753977	0.30563881
Green Party of Québec	00.71	05.30	14	01.87	0.37883571	05.30	00.71	2.95349788	0.06779613
Autre	00.64	04.78	7	00.94	0.68297143	04.78	00.64	1.80100481	0.28390182
Non-votant	25.40	189.74	75	10.04	2.52984000	189.74	25.40	7.04011155	0.51395781
Ne sait pas	02.68	20.02	20	02.68	1.00098000	20.02	02.68	3.84682033	0.15592071

WEIGHTING REPORT - POSTWGT4
- POSTWGT4 –

RIM weighting: AGE_GEND, QT4, QT3, MLANG, PVC1

Overall RIM Weighting Efficiency: 57.77%
Number of iterations performed: 6

Input count of respondents: 747
Respondent weight limits specified for this group: min. 0.00000000 - max. 747.00000000

AGE_GEND	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
Male - 18 to 34	13.46	100.55	85	11.38	1.18274066	100.53	13.46	3.99768726	0.35370008
Male - 35 to 54	19.46	145.37	151	20.21	0.96260420	145.35	19.46	9.17508679	0.10142374
Male - 55 plus	15.39	114.96	122	16.33	0.94240134	114.97	15.39	5.56982744	0.19700897
Female - 18 to 34	13.40	100.10	95	12.72	1.05366884	100.10	13.40	3.03949641	0.12772956
Female - 35 to 54	19.79	147.83	137	18.34	1.07907747	147.83	19.79	5.12487411	0.17806258
Female - 55 plus	18.50	138.20	157	21.02	0.88031014	138.21	18.50	1.99565522	0.07096044

QT4	PROJECTED		INPUT		WEIGHT	OUTPUT		MAX. RESP. RIM WEIGHT	MIN. RESP. RIM WEIGHT
	%	#	#	%		#	%		
HS or less	43.75	326.81	183	24.50	1.78583688	326.81	43.75	3.58033468	0.77595900
College/CEGEP/ Certificate	33.16	247.71	219	29.32	1.13109393	247.71	33.16	9.17508679	0.17806258
University – Bachelor or less	16.75	125.12	254	34.00	0.49260629	125.12	16.75	3.99768726	0.07096044
University – Grad/Post-Grad	06.34	47.36	91	12.18	0.52044266	47.36	06.34	3.63542913	0.13053352
QT3	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Montreal Islands	29.46	220.07	227	30.39	0.96958975	220.10	29.46	9.17508679	0.07096044
Other Montreal	17.45	130.35	128	17.14	1.01835826	130.35	17.45	3.63542913	0.10142374
Quebec City	08.50	63.50	86	11.51	0.73828666	63.49	08.50	4.30623383	0.17806258
East	19.20	143.42	123	16.47	1.16586523	143.40	19.20	3.58033468	0.20910237
West	25.39	189.66	183	24.50	1.03638904	189.66	25.39	5.56982744	0.17840652
MLANG	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
English	08.17	61.03	76	10.17	0.80296431	61.03	08.17	2.67220735	0.12772956
French	79.57	594.39	643	86.08	0.92441513	594.40	79.57	3.58033468	0.07096044
Other	12.26	91.58	28	03.75	3.27056377	91.58	12.26	9.17508679	1.55901847
PVC1	**PROJECTED**		**INPUT**		**WEIGHT**	**OUTPUT**		**MAX. RESP. RIM WEIGHT**	**MIN. RESP. RIM WEIGHT**
	%	#	#	%		#	%		
Quebec Liberal Party	27.23	203.41	171	22.89	1.18952105	203.41	27.23	9.17508679	0.18564919
Parti québécois	27.89	208.34	217	29.05	0.96008433	208.34	27.89	3.58033468	0.18396901
Qubec solidaire	05.26	39.29	56	07.50	0.70164643	39.29	05.26	2.68368337	0.22550414
Coalition avenir Québec – L'équipe François Legault	23.61	176.37	175	23.43	1.00780971	176.37	23.61	5.56982744	0.19700897
Option nationale	01.65	12.33	12	01.61	1.02712500	12.33	01.65	2.29236535	0.47648309
Green Party of Québec	00.86	06.42	14	01.87	0.45887143	06.42	00.86	3.27111252	0.07096044
Autre	00.78	05.83	7	00.94	0.83237143	05.83	00.78	1.99720089	0.30012084
Ne sait pas	12.72	95.02	95	12.72	1.00019368	95.02	12.72	5.12487411	0.17840652