

The Scheer PR Method

Overview: Provides a simple process to determine the successful candidates in an election.

Features:

1. Pure proportional distribution of seats based on percentage of vote.
2. Each MP represents the riding they were a candidate in.
3. No redistricting or creation of new regional areas is needed.
4. All results are based solely on the returns of an election.
5. Regional strengths are reflected.
6. No significant new expenditures are required to implement this new method.
7. Campaigns will carry a twist of uncertainty, no sure thing.

Procedure:

1. Determine the number of votes required to earn one seat and which parties or groups have received at least that number. Independents and non-affiliateds could be treated as one group.
2. Proportion the total number of seats amongst the parties and groups that have earned at least one seat, using only the votes received by those parties and groups. Use rounding fairly (**Table 1**).
3. Sort a list of the candidates; first, according to the parties and groups they represent; second, in descending order (first to last), according to the percentage of the popular vote they received in their riding. Carry the calculation to 3 decimal points to avoid ties.
4. Assign the proportioned number of seats to the top performers in each party or group (**Table 2**).
5. Sort the top performers according to their riding and identify conflicted ridings in which more than 1 top performer appears (**Table 3**). Using the 2015 election results, 2 top performers being initially slotted into the same riding occurred 40 times (out of 338).
6. The successful candidate of a conflicted riding is the one with the higher vote percentage rating within their party or group. Place the unsuccessful candidates, initially selected then bumped (b), on a list until all the conflicted ridings have been evaluated.
7. Sort the list of bumped candidates according to the percentage of votes they obtained without regard to their political affiliation (**Table 4**).
8. Begin the process of transferring the selection of the highest-ranking bumped candidate to the highest ranking candidate of the same political affiliation not yet selected as a top performer. The newly selected candidate will be declared successful if they are the only selected candidate for the riding. If the new selection creates a conflicted riding the lower ranking candidate is placed on the bumped list according to, again, the percentage of votes they obtained without regard to their political affiliation. Using the 2015 election results, the last of 134 Liberal seats would have been claimed by the 319th ranked Liberal candidate (**Table 5**).
9. Continue until all ridings have been assigned a successful candidate (**Table 6**).

Political affiliation	Total for political affiliation	% Votes obtained	Seat proportion	Seats obtained
Liberal	6,942,937	39.5	134.5	134
Conservative	5,613,633	31.9	108.7	109
NDP-New Democratic Party	3,469,368	19.7	67.2	67
Bloc Québécois	821,144	4.7	15.9	16
Green Party	602,933	3.4	11.7	12
Independent	40,609	0.2		
Libertarian	36,775	0.2		
Christian Heritage Party	15,232	0.1		
No Affiliation	9,007	0.1		
Marxist-Leninist	8,838	0.1		
Forces et Démocratie	8,274	0.0		
Rhinoceros	7,263	0.0		
PC Party	4,476	0.0		
Communist	4,393	0.0		
Animal Alliance/Environment Voters	1,699	0.0		
Radical Marijuana	1,557	0.0		
PACT	91	0.0		
Democratic Advancement	1,187	0.0		
Pirate	908	0.0		
CAP	401	0.0		
Canada Party	271	0.0		
Seniors Party	157	0.0		
ATN	136	0.0		
The Bridge	122	0.0		
United Party	57	0.0		
Total ballots certified and/or validated =	17,591,468	100.0	338.0	338
Ballots required for 1 seat =	52,046			

Table 1

Assigned	Electoral district number	Electoral district name	Affiliation ranking	Type of results*	Given name	Surname	Political affiliation	Votes obtained	% Votes obtained	% Votes obtained
b	48015	Edmonton Griesbach	104	validated	Kerry	Diotte	Conservative	19157	39.959	40
1	46006	Kildonan--St. Paul	105	validated	Jim	Bell	Conservative	17478	39.836	39.8
1	48013	Calgary Skyview	106	validated	Devinder	Shory	Conservative	17885	39.751	39.8
1	59014	Kelowna--Lake Country	107	validated	Ron	Cannan	Conservative	25502	39.751	39.8
1	35071	Northumberland--Peterborough South	108	validated	Adam	Moulton	Conservative	25165	39.562	39.6
1	59005	Central Okanagan--Similkameen--Nicola	109	validated	Dan	Albas	Conservative	24517	39.561	39.6
	59020	North Okanagan--Shuswap	110	validated	Mel	Arnold	Conservative	27490	39.297	39.3
	35060	Mississauga--Erin Mills	111	validated	Bob	Dechert	Conservative	21716	39.236	39.2
	35041	Kanata--Carleton	112	validated	Walter	Pamic	Conservative	24829	39.210	39.2
	46002	Charleswood--St. James--Assiniboia--Head	113	validated	Steven	Fletcher	Conservative	18408	39.036	39
	35091	Sarnia--Lambton	114	validated	Marilyn	Gladu	Conservative	22565	38.822	38.8
	35016	Cambridge	115	validated	Gary	Goodyear	Conservative	20613	38.645	38.6

Table 2

Assigned	Prov	Electoral district number	Electoral district name	Affiliation ranking	Type of results*	Given name	Surname	Political affiliation	Votes obtained	% Votes obtained	% Votes obtained	Rejected ballots***	Total district ballots cast
1	NL	10001	Avalon	45	validated	Ken	McDonald	Liberal	23528	55.905	55.9	162	42248
	NL	10001	Avalon	197	validated	Jeannie	Baldwin	NDP-New Democratic Party	6075	14.435	14.4	162	42248
	NL	10001	Avalon	294	validated	Lorraine E.	Barnett	Conservative	4670	11.096	11.1	162	42248
	NL	10001	Avalon	336	validated	Krista	Byrne-Puumala	Green Party	228	0.542	0.5	162	42248
1	NL	10002	Bonavista--Burin--Trinity	1	validated	Judy M.	Footo	Liberal	28704	81.796	81.8	173	35265
	NL	10002	Bonavista--Burin--Trinity	308	validated	Mike	Windsor	Conservative	3534	10.071	10.1	173	35265
	NL	10002	Bonavista--Burin--Trinity	305	validated	Jenn	Brown	NDP-New Democratic Party	2557	7.287	7.3	173	35265
	NL	10002	Bonavista--Burin--Trinity	333	validated	Tyler John	Colbourne	Green Party	297	0.846	0.8	173	35265
1	NL	10003	Coast of Bays--Central--Notre Dame	2	validated	Scott	Simms	Liberal	26523	74.822	74.8	145	35593
	NL	10003	Coast of Bays--Central--Notre Dame	241	validated	Kevin George	O'Brien	Conservative	6479	18.277	18.3	145	35593
	NL	10003	Coast of Bays--Central--Notre Dame	322	validated	Claudette	Menchenton	NDP-New Democratic Party	2175	6.136	6.1	145	35593
	NL	10003	Coast of Bays--Central--Notre Dame	335	validated	Elizabeth	Perry	Green Party	271	0.765	0.8	145	35593
1	NL	10004	Labrador	6	validated	Yvonne	Jones	Liberal	8878	71.753	71.8	53	12426
	NL	10004	Labrador	199	validated	Edward	Rudkowski	NDP-New Democratic Party	1779	14.378	14.4	53	12426
	NL	10004	Labrador	270	validated	Peter	Penashue	Conservative	1716	13.869	13.9	53	12426
1	NL	10005	Long Range Mountains	4	validated	Gudie	Hutchings	Liberal	30889	73.855	73.9	108	41932
	NL	10005	Long Range Mountains	280	validated	Wayne	Ruth	Conservative	5085	12.158	12.2	108	41932
	NL	10005	Long Range Mountains	237	validated	Devon	Babstock	NDP-New Democratic Party	4739	11.331	11.3	108	41932
	NL	10005	Long Range Mountains	142	validated	Terry	Cormier	Green Party	1111	2.656	2.7	108	41932
b	NL	10006	St. John's East	122	validated	Nick	Whalen	Liberal	20974	46.734	46.7	111	44991
1	NL	10006	St. John's East	7	validated	Jack	Harris	NDP-New Democratic Party	20328	45.294	45.3	111	44991
	NL	10006	St. John's East	332	validated	Deanne	Stapleton	Conservative	2938	6.546	6.5	111	44991
	NL	10006	St. John's East	330	validated	David Anthony	Peters	Green Party	500	1.114	1.1	111	44991
1	NL	10007	St. John's South--Mount Pearl	33	validated	Seamus	O'Regan	Liberal	25922	57.860	57.9	133	44934
b	NL	10007	St. John's South--Mount Pearl	35	validated	Ryan	Cleary	NDP-New Democratic Party	16467	36.756	36.8	133	44934
	NL	10007	St. John's South--Mount Pearl	336	validated	Marek	Krol	Conservative	2047	4.569	4.6	133	44934
	NL	10007	St. John's South--Mount Pearl	334	validated	Jackson	McLean	Green Party	365	0.815	0.8	133	44934
1	PE	11001	Cardigan	12	validated	Lawrence	MacAulay	Liberal	14621	65.026	65	96	22581
	PE	11001	Cardigan	257	validated	Julius	Patkai	Conservative	3632	16.153	16.2	96	22581
	PE	11001	Cardigan	242	validated	Billy	Cann	NDP-New Democratic Party	2503	11.132	11.1	96	22581
	PE	11001	Cardigan	19	validated	Teresa	Doyle	Green Party	1434	6.378	6.4	96	22581

Table 3

Assigned	Electoral district number	Electoral district name	Affiliation ranking	Type of results*	Given name	Surname	Political affiliation	Votes obtained	% Votes obtained	% Votes obtained	Total district ballots cas
b	59035	Vancouver East	11	validated	Wes	Regan	Green Party	5395	9.190	9.2	59113
b	59041	Victoria	15	validated	Murray	Rankin	NDP-New Democratic Party	30397	42.280	42.3	72136
b	11004	Malpeque	18	validated	Wayne	Easter	Liberal	13950	62.077	62.1	22574
b	24039	Laurier--Sainte-Marie	27	validated	Hélène	Laverdière	NDP-New Democratic Party	20929	38.275	38.3	55275
b	59009	Courtenay--Alberni	28	validated	Gord	Johns	NDP-New Democratic Party	26582	38.056	38.1	70034
b	10007	St. John's South--Mount Pearl	35	validated	Ryan	Cleary	NDP-New Democratic Party	16467	36.756	36.8	44934
b	59010	Cowichan--Malahat--Langford	38	validated	Alistair	MacGregor	NDP-New Democratic Party	22200	35.935	35.9	62008
b	59026	Esquimalt--Saanich--Sooke	42	validated	Randall	Garrison	NDP-New Democratic Party	23836	35.011	35	68280
b	59018	Nanaimo--Ladysmith	48	validated	Sheila	Malcolmson	NDP-New Democratic Party	23651	33.199	33.2	71399
b	59042	West Vancouver--Sunshine Coast--Sea to	56	validated	Pam	Goldsmith-Jones	Liberal	36300	54.621	54.6	66631
b	47008	Regina--Qu'Appelle	71	validated	Andrew	Scheer	Conservative	16486	44.698	44.7	37035
b	12005	Halifax	76	validated	Andy	Fillmore	Liberal	27431	51.725	51.7	53291
b	24030	Hull--Aylmer	78	validated	Greg	Fergus	Liberal	28478	51.367	51.4	55831
b	13001	Acadie--Bathurst	82	validated	Serge	Cormier	Liberal	25845	50.713	50.7	51299
b	35007	Beaches--East York	91	validated	Nathaniel	Erskine-Smith	Liberal	27458	49.447	49.4	55746

Table 4

Assigned	Prov	Electoral district number	Electoral district name	Affiliation ranking	Type of results*	Gender	Given name	Surname	Political affiliation	Votes obtained	% Votes obtained	% Votes obtained	Rejected ballots***	Total district ballots cast
2	BC	59017	Mission--Matsqui--Fraser Canyon	189	validated	m	Jati	Sidhu	Liberal	16625	37.233	37.2	209	44860
2	AB	48014	Edmonton Centre	191	validated	m	Randy	Boissonnault	Liberal	19902	37.192	37.2	234	53746
2	QC	24023	Compton--Stanstead	193	validated	f	Marie-Claude	Bibeau	Liberal	20582	36.878	36.9	748	56559
2	QC	24034	La Prairie	197	validated	m	Jean-Claude	Poissant	Liberal	20993	36.464	36.5	996	58568
2	QC	24041	Longueuil--Charles-LeMoine	203	validated	f	Sherry	Romanado	Liberal	18301	35.394	35.4	925	52632
2	BC	59008	Coquitlam--Port Coquitlam	204	validated	m	Ron	McKinnon	Liberal	19938	35.282	35.3	287	56798
2	QC	24044	Louis-Hébert	206	validated	m	Joël	Lightbound	Liberal	21516	34.847	34.8	627	62371
2	QC	24013	Thérèse-De Blainville	225	validated	m	Ramez	Ayoub	Liberal	18281	32.501	32.5	1007	57255
2	BC	59004	Cariboo--Prince George	232	validated	f	Tracy	Calogheros	Liberal	16921	31.490	31.5	216	53950
2	QC	24059	Québec	255	validated	m	Jean-Yves	Duclos	Liberal	15566	28.897	28.9	820	54687
2	QC	24051	Montmagny--L'Islet--Kamouraska--Rivière-du-Loup	258	judicially certified	f	Marie-Josée	Normand	Liberal	14002	28.434	28.4	777	50020
2	QC	24047	Mégantic--L'Érable	263	validated	m	David	Berthiaume	Liberal	13308	28.143	28.1	941	48228
2	QC	24066	Saint-Hyacinthe--Bagot	269	validated	m	René	Vincelette	Liberal	14980	27.552	27.6	1214	55583
2	QC	24020	Beauport--Côte-de-Beaupré--Île d'Orléans--Charlevoix	277	validated	m	Jean-Roger	Vigneau	Liberal	13556	26.867	26.9	846	51302
2	QC	24008	Beauport--Limoilou	287	validated	m	Antoine	Bujold	Liberal	12854	25.424	25.4	941	51499
2	QC	24061	Richmond--Arthabaska	292	validated	m	Marc	Desmarais	Liberal	14463	24.674	24.7	912	59529
2	QC	24035	Lac-Saint-Jean	319	validated	m	Sabin	Simard	Liberal	10193	18.439	18.4	925	56204
1	ON	35117	Windsor West	1	validated	m	Brian	Masse	NDP-New Democratic Party	24085	51.348	51.3	284	47189
1	BC	59028	Skeena--Bulkley Valley	2	validated	m	Nathan	Cullen	NDP-New Democratic Party	22531	51.080	51.1	157	44266
1	BC	59035	Vancouver East	3	validated	f	Jenny	Kwan	NDP-New Democratic Party	29316	49.935	49.9	405	59113
1	QC	24064	Rosemont--La Petite-Patrie	4	validated	m	Alexandre	Boulerice	NDP-New Democratic Party	28672	49.151	49.2	788	59123
1	BC	59038	Vancouver Kingsway	5	validated	m	Don	Davies	NDP-New Democratic Party	20763	45.738	45.7	471	45867
1	ON	35035	Hamilton Centre	6	validated	m	David	Christopherson	NDP-New Democratic Party	18719	45.564	45.6	269	41352
1	NL	10006	St. John's East	7	validated	m	Jack	Harris	NDP-New Democratic Party	20328	45.294	45.3	111	44991

Table 5

Scheer PR Method Results and FPTP Results of 2015 Federal Election

		Scheer PR Method													
Political affiliation		NL	PE	NS	NB	QC	ON	MB	SK	AB	BC	YT	NT	NU	Totals
	Bloc Québécois					16									16
	Conservative				1	6	48	6	7	31	10				109
	Green Party		1		1		2				8				12
	Liberal	6	3	9	7	38	50	6	1	1	11	1		1	134
	NDP-New Democratic Party	1		2	1	18	21	2	6	2	13		1		67
	Totals	7	4	11	10	78	121	14	14	34	42	1	1	1	338
		FPTP													
Political affiliation		NL	PE	NS	NB	QC	ON	MB	SK	AB	BC	YT	NT	NU	Totals
	Bloc Québécois					10									10
	Conservative					12	33	5	10	29	10				99
	Green Party										1				1
	Liberal	7	4	11	10	40	80	7	1	4	17	1		1	183
	NDP-New Democratic Party					16	8	2	3	1	14		1		45
	Totals	7	4	11	10	78	121	14	14	34	42	1	1	1	338

Table 6