

# Ideological positioning of the Chilean Chamber of Deputies in the period 2018-2022

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## 1. Introduction

### 1.1 Social Outburst and SARS-COV-2 Pandemic

With the purpose of demanding social rights, thousands of people protested in Chile on October 18, 2019. Sectoral protests had already shaken the social and political landscape of Chile, highlighting the “Penguin Revolution”, the student mobilization in 2006 and several high school student marches in 2011, so the mobilizations of 2019 was not an unprecedented event in the recent history of Chile.

The October 2019 demonstrations originated from the public transportation hike which prompted high school students to demonstrate in the subways of Santiago. These activities spread throughout the country and culminated on October 18, 2019 in a nationwide revolt that ended with more than 30 dead, more than 3000 injured and 70 subway stations set on fire and vandalized according to government sources. Protests intensified during the following weeks, adding new social demands and more people across the country, reaching its climax on October 25, 2019, with a citizen protest that, according to official sources, summoned more than 1,200,000 people.

Faced with the political, representation and institutional crisis, the Chilean political class came together in the Agreement for Peace on November 15, 2019, in which representatives of the political parties agreed to respond to the citizens' demand for the drafting of a new constitution for Chile. Although the constituent process resulting from the agreement did not result in a new constitutional text, it is clear that the social outburst prompted the idea of new public policies and legislation that sought to respond to citizen demands. Although many of the demands of 2019 remain valid to this day, on March 3, 2020, the first case infected with the SARS-COV-2 virus arrives in Chile, which focuses citizen, political and media concerns towards the imminent health crisis; so the demonstrations of 2019 pass to the background.

Since the Chamber of Deputies has, among its responsibilities, the role of representing the citizenry, it had a preponderant role during the institutional crisis of 2019 and the health crisis resulting from the SARS-COV-2 pandemic. This paper aims to reveal whether there were changes in the ideological spectrum in the Chamber of Deputies and how the social outbreak and the pandemic influenced them. The hypothesis is that, given the significant changes in the political agenda, the ideological spectrum was modified between the period before, during and after the social outbreak. To this end, a brief review of previous works on the state of the art in the study of congresses was carried out, followed by a description of the main functions and characteristics of the Chilean Congress, a brief descriptive review of the composition of the Chamber of Deputies, and finally, the median voter theory was used to compare the ideological distribution in the three periods.

## **1.2 Congresses**

Congresses are crucial institutions for the proper functioning of democracy. Among their main functions are the representation of citizens (Izquierdo Pinos, 1986; Navarro, 2006), legislative production (Casar, 2014; Visconti, 2011) and the control and supervision of the proper functioning of the executive branch (Gamboa, 2006; Lizárraga Valdivia, 2019; Llanos, 1998).

In this sense, the role of congressmen should be to work towards the representation of the common interest under the condition of a rational division of labor and the participation in the activities of control of the state with the greatest possible transparency (Kirkland & Harden, 2022); in addition to the production of legislation according to the needs of citizens.

Studies of congresses have been approached from a number of different perspectives; understanding the legislature as the aggregator of the activities of co-legislating bodies, including the executive branch, and considering the impact and influence of other groups and organizations outside government, such as parties, political leaders and interest groups. Also, from a systemic perspective, thinking of congresses as a set of actors with responsibilities and regulated by informal rules and norms.

The study of legislative processes, as in the field of public policy, distinguishes between the positive agenda, dedicated to the production of new regulations, on the one hand, and the negative agenda focused on the control of other powers(Cox & McCubbins, 2005; Krehbiel & Meiowitz, 2002). Another element that stands out in the framework of legislative dynamics is the influence of external factors that impact on the timing, procedures and design of regulations (De Echave, 2016; Puente Martínez & Cerna Villagra, 2017; Sanchez, 2014).

Finally, one school of thought focuses on the study of congressional decision-making processes. In particular, the median voter theory interprets congresses as collegial bodies with a certain ideological disposition and argues that voters' preferences are unimodal, meaning that voters choose the alternatives closest to their preferred outcome. In this way, the theorem seems to explain some of the behavior that occurs in democratic majority voting systems (Carey, 2002; Grofman et al., 2001; King, 2001, 2003).

## **1.3 How the Chilean Congress works and its configuration in the period 2018-2022**

The Chilean Congress has a bicameral structure in which both the Senate and the Chamber of Deputies are part of the legislative production process, which means that bills must be approved by both Chambers. Each of these processes is referred to as constitutional procedures (Aninat, 2006). Bills can originate in both the Senate and the Chamber of Deputies and must be approved identically by both. If this does not happen, there may be a third constitutional procedure in which the chamber of origin votes on the bill under discussion in a closed rule. If no agreement is reached, a joint committee is formed with the participation of members of the chamber of origin and the revising chamber to resolve the differences and then be ratified by both. Regardless of the chamber of origin and the revising chamber, the bill has two readings in each of them. This process is called legislative procedure and in each procedure the bills are discussed, sent to one or more committees and voted on in general, with close rule and in particular (open rule). The purpose of the referral to committees is to issue a report and the agreement of the text to be submitted to the plenary for its scrutiny.

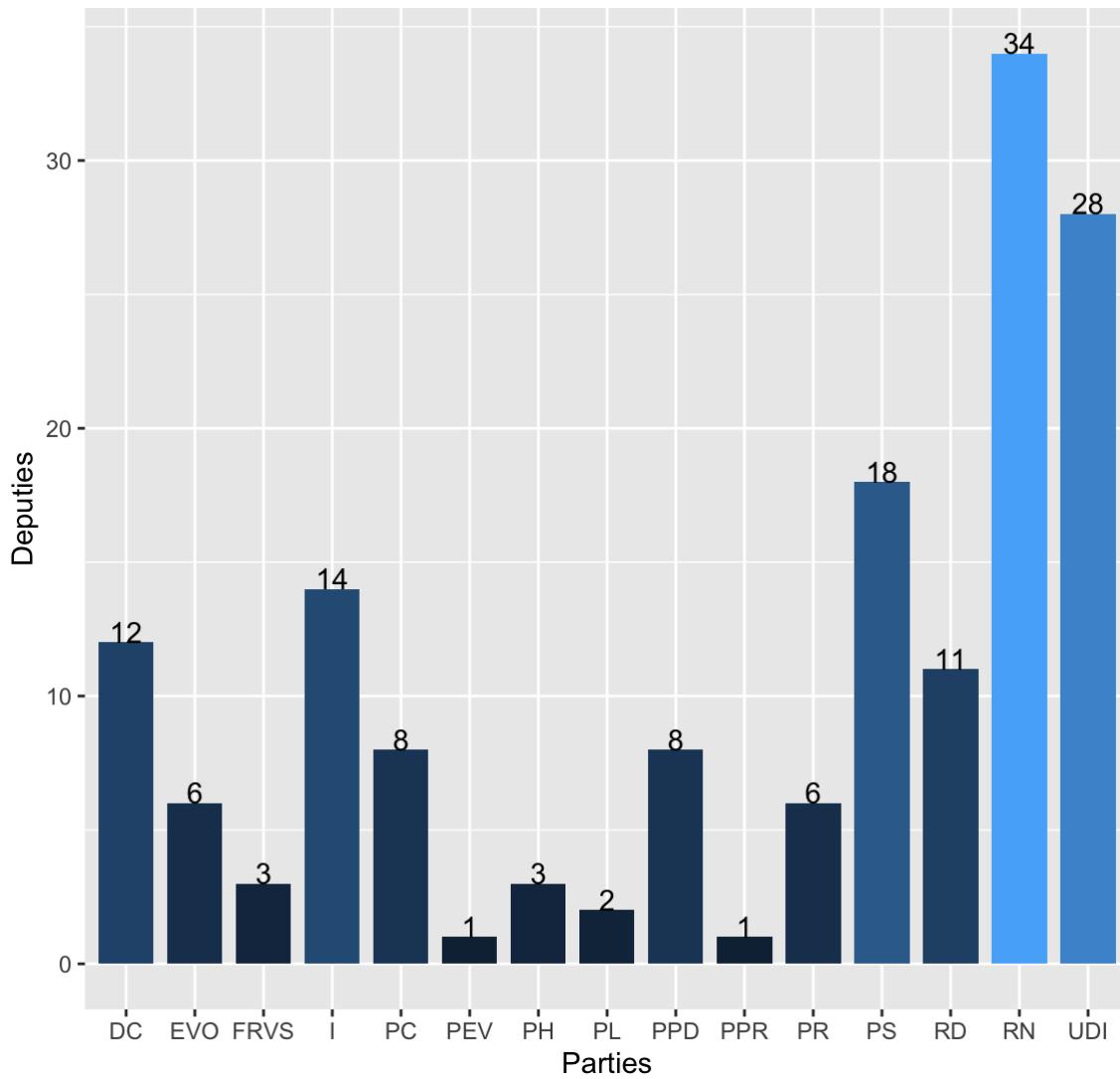
It is worth highlighting the role of the committees not only in the way they work, in which they incorporate participatory mechanisms so that civil society can present its needs, points of view and interests, but also in the expertise and specialized thematic focus of each committee. Currently, in the Chamber of Deputies there are 27 working committees with 13 Deputies participating in each committee. In the Senate there are 27 standing committees with 5 appointed senators, and 11 special committees with varying numbers of participants. The committees' range in subject matter from public security to emergencies, disasters and firefighting.

The Chilean legislative process is conditioned by a strong presidentialism, where the executive has control over some of the most relevant legislative initiatives(Alemán & Navia, 2009; Linz, 1990; Mainwaring, 1990; Siavelis, 2009). The current Chilean Constitution defines the set of legal functions and rights of authority of the executive as the exclusive initiative in certain matters, the power to set priorities on certain bills at certain stages of their development or at all stages through an emergency mechanism, the power to exercise its veto over bills approved by Congress, and the exercise of regulatory power in all matters that are not limited to the legal sphere. In this sense, in Chile, the presidential decree is one more tool of the legislative technique for the executive to establish which lines of the legislative process are its own, among other reasons, due to the greater technical capacity of the ministries with respect to the legislators.Moreover, throughout the legislative process, political negotiations tend to take place mainly through formal or informal meetings and committee negotiations. Also, initiatives tend to find their genesis in the executive branch rather than in interactions between congressmen.

Finally, in the legislative production process, Chilean legislation contemplates four types of quorums: ordinary legislation is approved with a simple majority; qualified quorum laws require the affirmative votes of the majority of the members of Congress in office; organic constitutional laws require four-sevenths of the members of Congress to be approved; and laws interpreting the constitution must have three-fifths of the members of Congress in office. Finally, constitutional reform bills require the approval of three-fifths, or three-thirds, depending on the chapter of the Constitution to be modified (Aninat, 2006).

The Chamber of Deputies consists of 155 members representing the 28 electoral districts. In 2018, 122 men (79%) and 33 women (21%) took office. 56% of the elected Chamber was opposition (87) and the remaining 44% pro-government (68). The party configuration can be seen in Figure 1, being the majority party RN with 34 deputies and the minority parties PPR, PP and PEV with 1 deputy each.

Figure 1: Distribution of the congress by party - 2018



## 2. methodology

### 2.1 Median Voter Theory and techniques

According to the median voter theorem, a majority voting election system will typically select the choice made by the median voter. This conclusion is reached by presuming that the voter takes a unidimensional position and ranks the proposals according to their alignment with the right and left ideologies. The theory also asserts that voter preferences are unimodal, which means that people select the options that are most similar to their chosen result. The theorem appears to explain some of the behaviors that take place in democratic majority voting systems in this way. It explains why politicians frequently use the same campaign platforms and talking points in an effort to tailor their proposals to the preferences of the typical voter. At the same time, it explains why the more moderate suggestions typically receive the majority of votes while the radical proposals are rarely adopted.

In Harold Hotelling's article *Stability in Competition*, these concepts were originally presented (Hotelling, 1929). The author made a comparison between political elections and businesses in the private sector, asserting that just as there is little variation in the products provided by many rival enterprises, there is also little difference in the electoral platforms of various parties. This is so that they can win over the majority of voters, much like marketers. The theorem and its underlying assumptions were then made explicit for the first time by Scottish economist

Duncan Black (Black, 1948) which also provided a formal study of majority voting. Black's article triggered research on how economics can explain voting systems, leading finally in 1957 to Anthony Downs's article "Economic Theory of Political Action in Democracy" setting forth the median voter theorem (Downs, 1957).

For the purpose of this paper, voting data were obtained using the webscrapping technique from the enabled points of the House of Deputies website ([www.camara.cl](http://www.camara.cl)). The wnominiate package (Poole et al., 2011) in R software (version 4.2.1) was used to estimate the ideological position of deputies in the pre-social outburst period (from the beginning of the period until October 17, 2019), in the period during the outburst (from October 18, 2019 until March 2, 2020) and during the pandemic period (from March 3, 2020 until the end of the period). These periods were not selected on a whim. The first cut was chosen on October 17, 2019 as it is a clear measure of the change in the social scenario and the political situation. On the other hand, the second cut-off date was March 2, 2020, given that it was the arrival of the first positive Covid case in the national territory, which triggered the state of emergency, the allocation of extraordinary resources and special sanitary measures, which implied a change of direction in the priorities of the Chamber.

It is important to mention that the technique used requires the designation of an "anchor case". The objective of this process is to define an ideological extreme as a point of comparison to build the ideological continuum. In this case, Guillermo Tellier, deputy for the 13th District, Metropolitan Region of Santiago, was designated. Guillermo Tellier participated in the organization of the Communist Party since 1958, occupying various positions, until 2006 when he consolidated his position as national president of the party. Given his trajectory, apart from his public statements and his historical activism, he becomes an ideal anchor case to establish the unidimensional ideological continuum in the three periods to be studied.

Finally, it is worth mentioning the changes in the composition of the Chamber of Deputies. Given the political instability generated by the social outbreak, some deputies left their posts for various reasons, among them, to run for the constituent convention or because they had been reassigned as Senators, Ministers of State or ambassadors. In order not to dirty the ideological estimation, the methodological decision was made to consider 155 deputies in the first and second periods and 163 in the final period. However, it was not methodologically feasible to divide the period according to each change that occurred, since this exercise would lose its exploratory purpose.

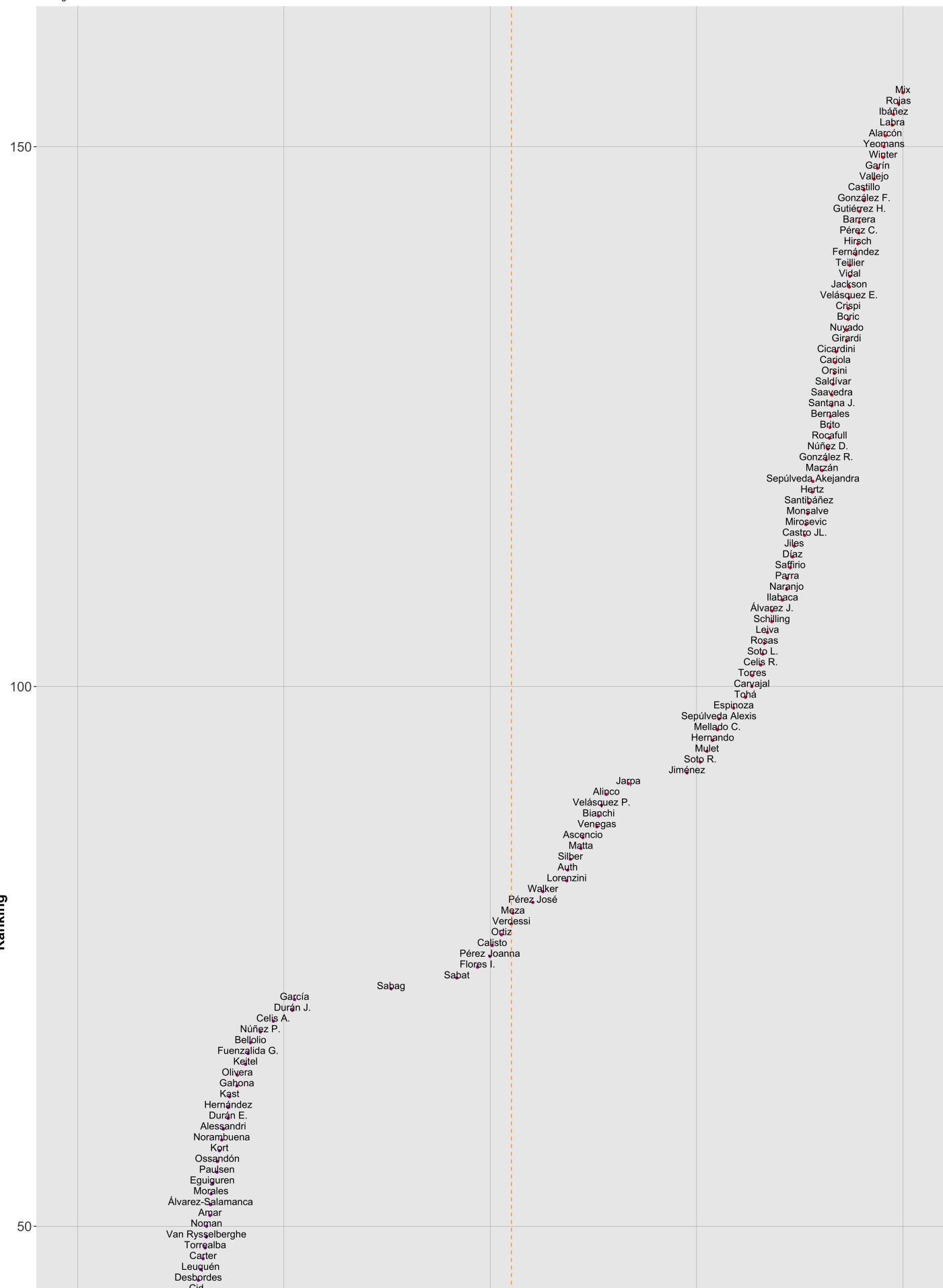
## 3. Results

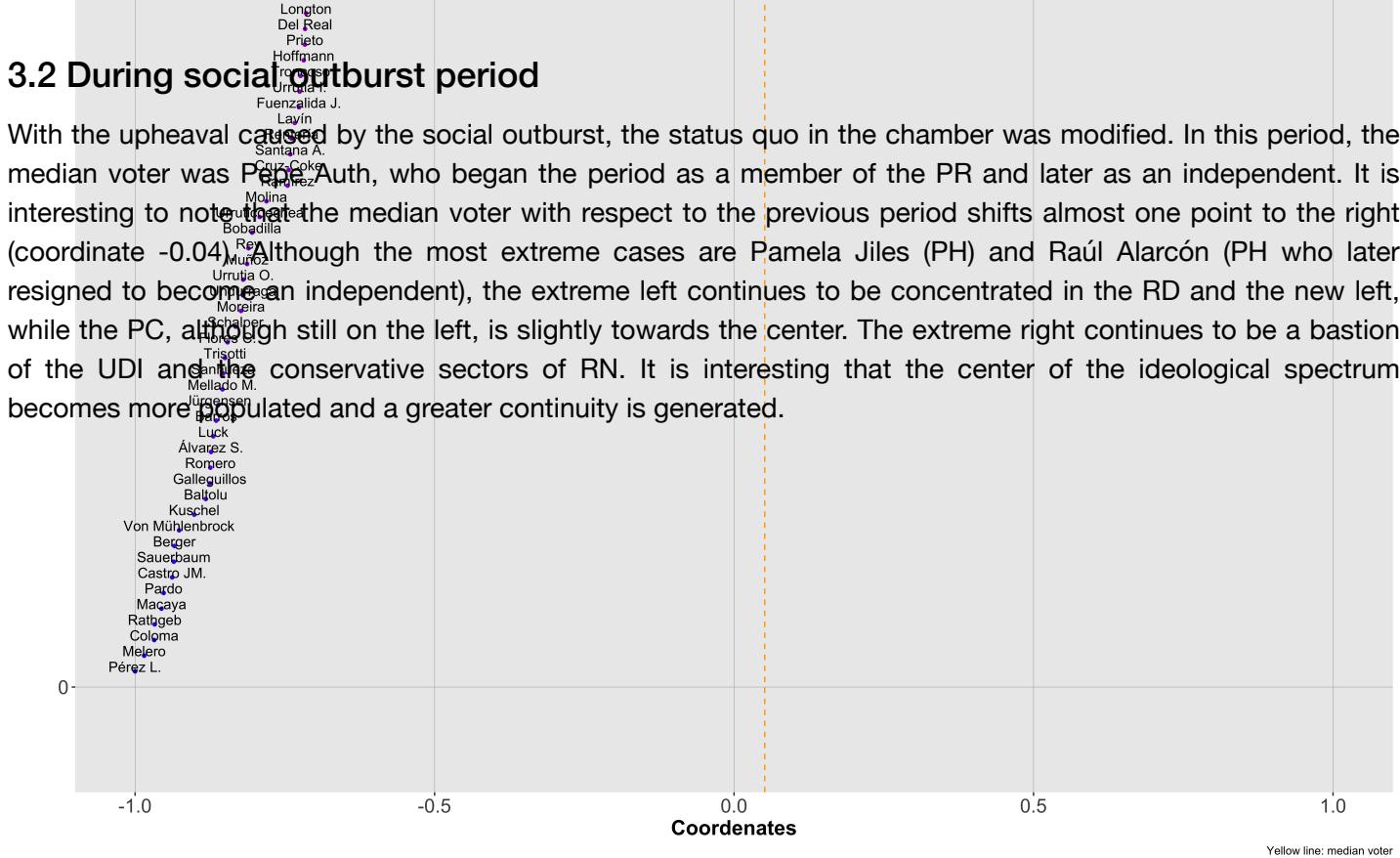
### 3.1 Pre social outburst period

In the pre-social outburst period, the median voter was Deputy Daniel Verdessi (DC), a surgeon with an important experience in the public sector and deputy since 1997, with a 0.05 coordinate to the left. On the far right of the ideological spectrum are people associated with the conservative wing of RN, such as Leopoldo Pérez and the great majority of UDI deputies, such as Patricio Melero (in blue). On the far left are Claudia Mix (RD) accompanied by the majority of her coalition and most of the PC, such as Amaro Labra. In the center-right is EVO, in the center-center the DC and the PR and in the center-left of the ideological spectrum is the PS.

## Ideological estimation pre-social outburst period

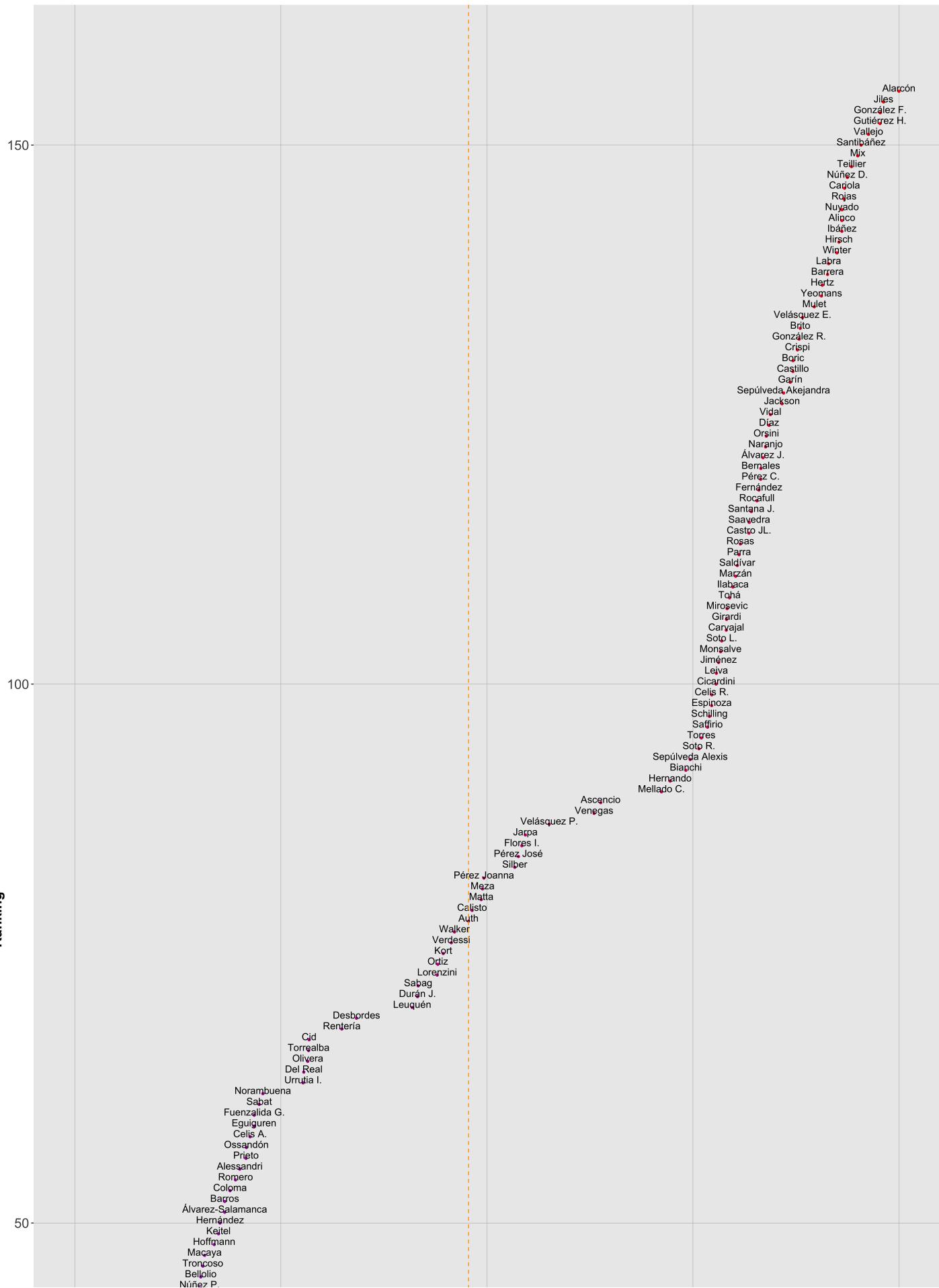
Left-right dimension





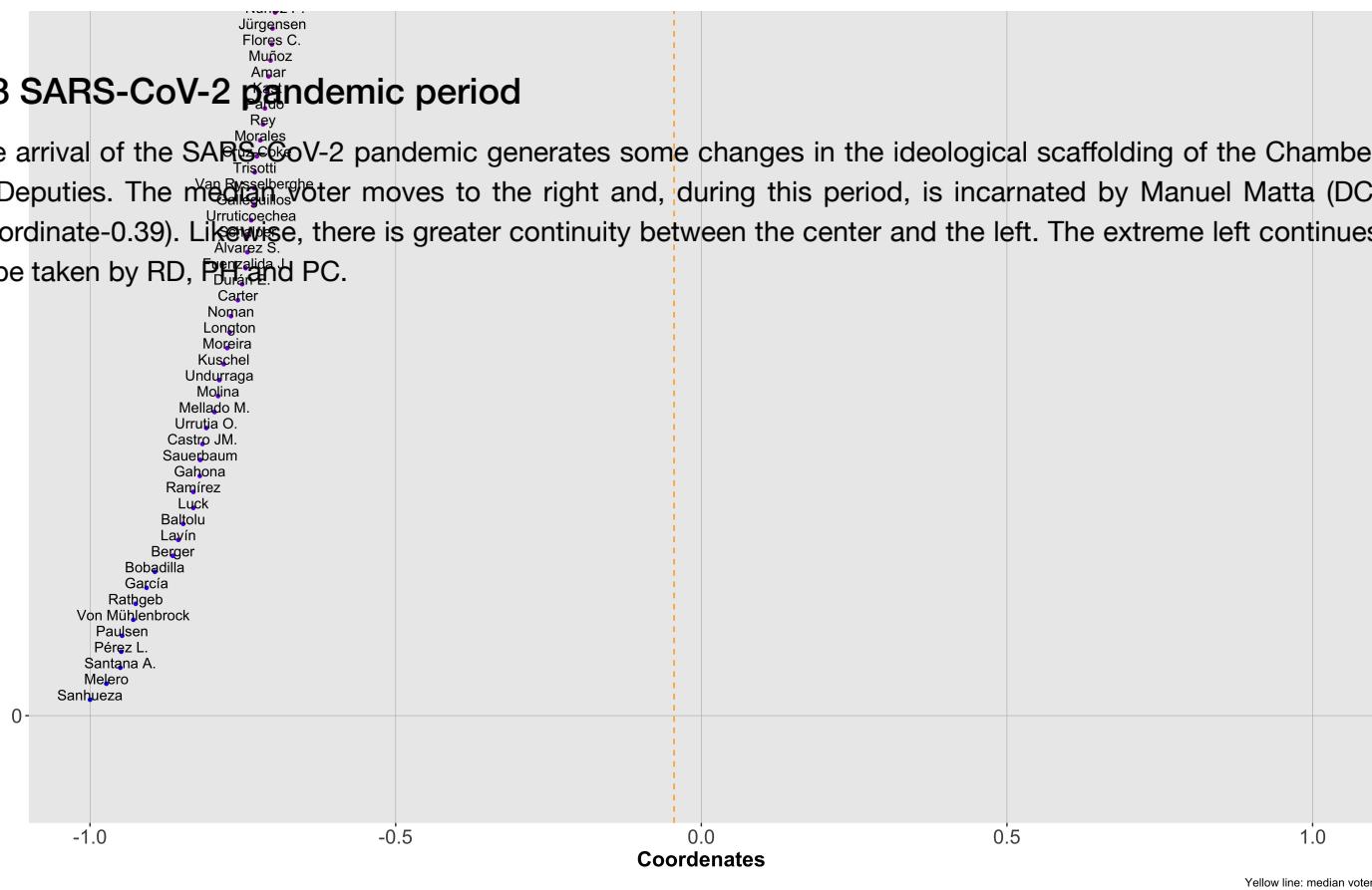
## Ideological estimation during social outburst period

Left-right dimension



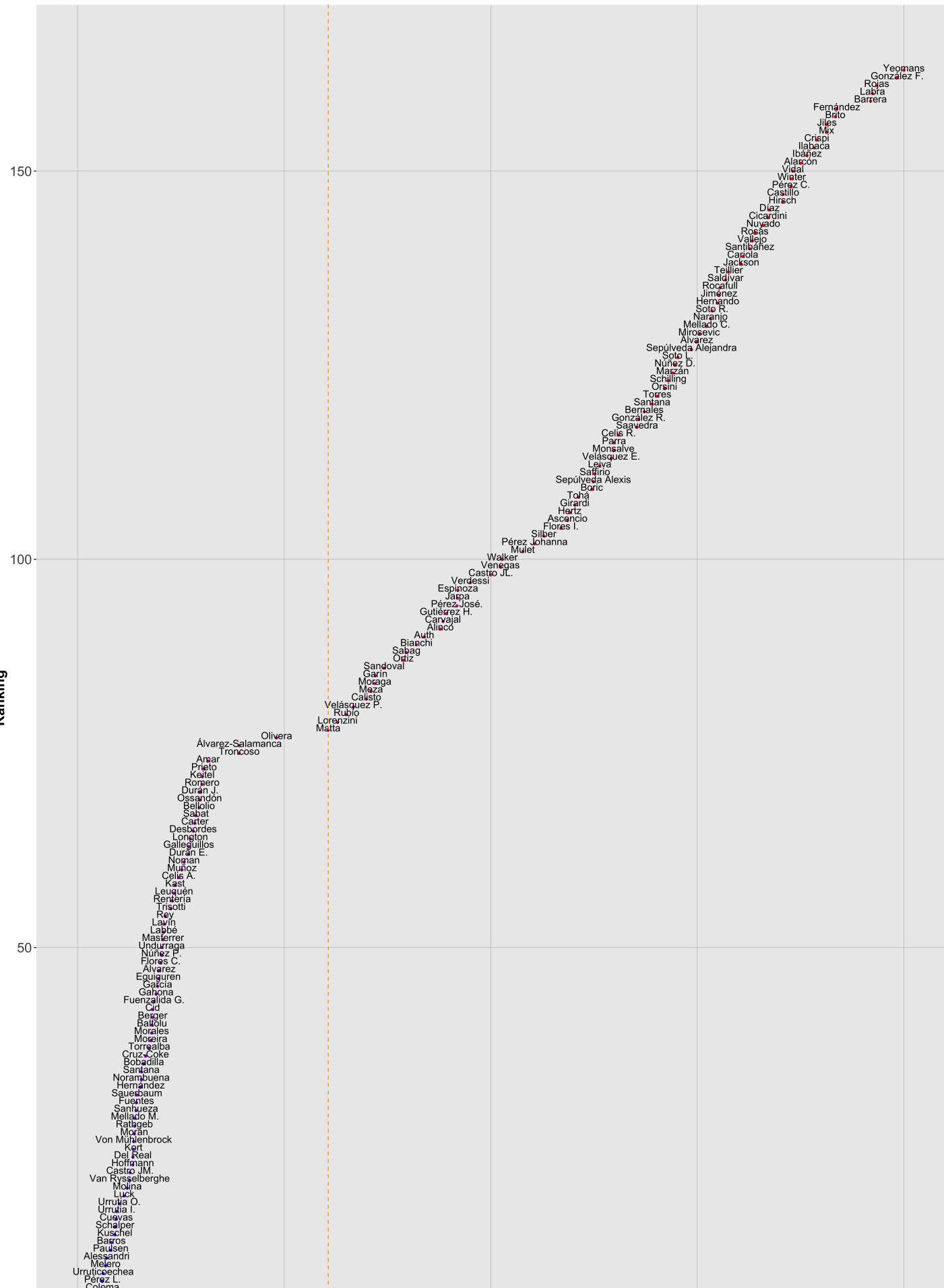
### 3.3 SARS-CoV-2 pandemic period

The arrival of the SARS-CoV-2 pandemic generates some changes in the ideological scaffolding of the Chamber of Deputies. The median voter moves to the right and, during this period, is incarnated by Manuel Matta (DC) (coordinate-0.39). Likewise, there is greater continuity between the center and the left. The extreme left continues to be taken by RD, PR and PC.



## Ideological estimation during SARS-CoV-2 pandemic

Left-right dimension



## 4. Discussion and future challenges

According to the findings, it seems that the political and social situation affected the ideological behavior of the Chamber of Deputies in 2018-2022. In the first period analyzed, we found a Chamber with three well-marked ideological positions. With the arrival of the social outburst, a more consolidated center seems to emerge, but still maintaining very steep slopes both on the right and on the left. Although in this period the median voter is moving to the right, there still seems to be a centrifugal force in the ideological positioning of the Chamber, which is consistent with a social and political event that divided not only the political elite but also the country as a whole. Finally, the arrival of the SARS-CoV-2 pandemic in Chile seems to have generated a greater alignment of the ruling party with the policies to face the virus, an effect that is not reflected in the center and the left, which are still dispersed in the ideological spectrum. The agglutination and coordination of the right wing manages to move the median voter towards its sector, placing it in a marked limit with the center and the left.

As future challenges, we consider complementing the analysis by differentiating between the median and the pivotal voter according to the characteristics of each vote of the parliamentary period in order to obtain a more refined study of the ideological positioning of the Chamber. We also hope to complement this manuscript with semi-experimental methods that allow us to establish causality. Finally, it would be interesting to delve into the characteristics of parliamentarians such as age, gender and region of origin to compare the impact of these dimensions on ideological positioning.

## 5. References

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## 6. Annexes

### 6.1 Ideological estimation pre social outburst period

	<b>Deputies</b>	<b>GMP</b>	<b>CC</b>	<b>coord1</b>	<b>Rank</b>
Legislator 106	Pérez Lahsen, Leopoldo	0.74	0.9	-1	1
Legislator 80	Melero Abaroa, Patricio	0.74	0.91	-0.98	2
Legislator 31	Coloma Álamos, Juan Antonio	0.69	0.85	-0.97	3
Legislator 111	Rathgeb Schifferli, Jorge	0.74	0.91	-0.97	4
Legislator 77	Macaya Danús, Javier	0.66	0.84	-0.96	5
Legislator 102	Pardo Sáinz, Luis	0.72	0.89	-0.95	6
Legislator 25	Castro Bascuñán, José Miguel	0.74	0.91	-0.94	7
Legislator 127	Sauerbaum Muñoz, Frank	0.69	0.84	-0.94	8
Legislator 14	Berger Fett, Bernardo	0.76	0.93	-0.93	9
Legislator 152	Von Mühlenbrock Zamora, Gastón	0.75	0.94	-0.93	10
Legislator 69	Kuschel Silva, Carlos	0.72	0.89	-0.9	11
Legislator 10	Baltolú Rasera, Nino	0.74	0.93	-0.88	12
Legislator 47	Galleguillos Castillo, Ramón	0.72	0.9	-0.88	13
Legislator 116	Romero Sáez, Leonidas	0.73	0.91	-0.87	14
Legislator 5	Álvarez Ramírez, Sebastián	0.69	0.88	-0.87	15
Legislator 76	Luck Urban, Karin	0.74	0.92	-0.87	16
Legislator 12	Barros Montero, Ramón	0.68	0.85	-0.86	17
Legislator 65	Jürgensen Rundshagen, Harry	0.74	0.93	-0.86	18
Legislator 82	Mellado Suazo, Miguel	0.72	0.91	-0.85	19
Legislator 123	Sanhueza Dueñas, Gustavo	0.7	0.85	-0.85	20
Legislator 139	Trisotti Martínez, Renzo	0.73	0.91	-0.85	21
Legislator 43	Flores Oporto, Camila	0.63	0.78	-0.85	22
Legislator 128	Schalper Sepúlveda, Diego	0.65	0.82	-0.83	23
Legislator 89	Moreira Barros, Cristhian	0.73	0.92	-0.82	24
Legislator 141	Undurraga Gatzitúa, Francisco	0.68	0.85	-0.82	25
Legislator 143	Urrutia Soto, Osvaldo	0.69	0.89	-0.82	26
Legislator 91	Muñoz González, Francesca	0.72	0.91	-0.81	27
Legislator 113	Rey Martínez, Hugo	0.71	0.89	-0.81	28
Legislator 17	Bobadilla Muñoz, Sergio	0.71	0.84	-0.8	29
Legislator 144	Urruticochea Ríos, Cristóbal	0.69	0.88	-0.79	30
Legislator 86	Molina Magofke, Andrés	0.67	0.84	-0.78	31
Legislator 110	Ramírez Díez, Guillermo	0.66	0.8	-0.75	32
Legislator 33	Cruz-Coke Carvallo, Luciano	0.63	0.8	-0.74	33
Legislator 125	Santana Tirachini, Alejandro	0.63	0.83	-0.74	34
Legislator 112	Rentería Moller, Rolando	0.67	0.82	-0.74	35
Legislator 71	Lavín León, Joaquín	0.64	0.83	-0.73	36
Legislator 44	Fuenzalida Cobo, Juan	0.67	0.8	-0.73	37
Legislator 142	Urrutia Bonilla, Ignacio	0.63	0.76	-0.73	38
Legislator 140	Troncoso Hellman, Virginia	0.66	0.85	-0.72	39
Legislator 58	Hoffmann Opazo, María José	0.66	0.8	-0.72	40
Legislator 109	Prieto Lorca, Pablo	0.67	0.83	-0.72	41
Legislator 34	Del Real Mihovilovic, Catalina	0.68	0.88	-0.72	42
Legislator 74	Longton Herrera, Andrés	0.7	0.88	-0.71	43
Legislator 30	Cid Versalovic, Sofía	0.65	0.77	-0.71	44
Legislator 35	Desbordes Jiménez, Mario	0.66	0.85	-0.71	45
Legislator 73	Lequén Uribe, Aracely	0.63	0.78	-0.7	46
Legislator 22	Carter Fernández, Álvaro	0.65	0.84	-0.7	47
Legislator 137	Torrealba Alvarado, Sebastián	0.69	0.83	-0.69	48
Legislator 146	Van Rysselberghe Herrera, Enrique	0.66	0.8	-0.69	49
Legislator 93	Norman Garrido, Nicolás	0.67	0.81	-0.69	50
Legislator 7	Amar Mancilla, Sandra	0.64	0.78	-0.68	51
Legislator 4	Álvarez-Salamanca Ramírez, Pedro Pablo	0.67	0.79	-0.68	52
Legislator 88	Morales Muñoz, Celso	0.7	0.84	-0.68	53
Legislator 39	Eguiguren Correa, Francisco	0.67	0.81	-0.67	54
Legislator 104	Paulsen Kehr, Diego	0.6	0.69	-0.66	55
Legislator 101	Ossandón Irarrázabal, Ximena	0.68	0.88	-0.66	56
Legislator 68	Kort Garriga, Issa	0.63	0.76	-0.66	57
Legislator 94	Norambuena Farías, Iván	0.62	0.76	-0.65	58
Legislator 2	Alessandri Vergara, Jorge	0.66	0.82	-0.65	59
Legislator 38	Durán Salinas, Eduardo	0.62	0.78	-0.63	60
Legislator 54	Hernández Hernández, Javier	0.66	0.79	-0.63	61
Legislator 66	Kast Sommerhoff, Pablo	0.61	0.77	-0.63	62
Legislator 46	Gahona Salazar, Sergio	0.6	0.72	-0.61	63
Legislator 98	Olivera De La Fuente, Erika	0.68	0.85	-0.61	64
Legislator 67	Keitel Bianchi, Sebastián	0.62	0.77	-0.59	65
Legislator 45	Fuenzalida Figueroa, Gonzalo	0.64	0.83	-0.59	66
Legislator 13	Bellolio Avaria, Jaime	0.67	0.85	-0.58	67
Legislator 96	Núñez Urrutia, Paulina	0.57	0.67	-0.56	68
Legislator 28	Celis Montt, Andrés	0.59	0.78	-0.53	69
Legislator 37	Durán Espinoza, Jorge	0.63	0.78	-0.48	70
Legislator 48	García García, René Manuel	0.6	0.73	-0.47	71
Legislator 119	Sabag Villalobos, Jorge	0.6	0.75	-0.24	72
Legislator 120	Sabat Fernández, Marcela	0.46	0.57	-0.08	73
Legislator 42	Flores García, Iván	0.55	0.7	-0.03	74
Legislator 107	Pérez Olea, Joanna	0.6	0.75	0	75
Legislator 20	Calisto Águila, Miguel Ángel	0.61	0.76	0	76
Legislator 100	Ortiz Novoa, José Miguel	0.65	0.82	0.03	77
Legislator 150	Verdessi Belemmi, Daniel	0.65	0.8	0.05	78
Legislator 83	Meza Moncada, Fernando	0.49	0.58	0.06	79
Legislator 105	Pérez Arriagada, José	0.56	0.65	0.1	80
Legislator 153	Walker Prieto, Matías	0.65	0.8	0.13	81
Legislator 75	Lorenzini Basso, Pablo	0.58	0.71	0.19	82
Legislator 9	Auth Stewart, Pepe	0.62	0.78	0.19	83
Legislator 132	Silber Romo, Gabriel	0.6	0.76	0.19	84
Legislator 79	Matta Aragay, Manuel	0.52	0.63	0.22	85
Legislator 8	Ascencio Mansilla, Gabriel	0.62	0.77	0.22	86
Legislator 149	Venegas Cárdenas, Mario	0.56	0.7	0.26	87
Legislator 16	Bianchi Retamales, Karim	0.55	0.66	0.26	88
Legislator 148	Velásquez Seguel, Pedro	0.53	0.65	0.27	89

## 6.2 Ideological estimation during social outburst period

Legislator 3	Alinco Bustos, Rene	0.61	0.76	0.28	90
Legislator 62	Jarpa Wevar, Carlos Abel	0.62	0.77	0.33	91
Legislator 64	Jiménez Fuentes, Tucapel	0.58	0.72	0.48	92
Legislator 134	Soto Mardones, Raúl	0.62	0.8	0.51	93
Legislator 135	Marquez Marín, Jaime	0.62	0.8	0.53	94
Legislator 55	Hernando Pérez, Marcela	0.66	0.82	0.54	95
Legislator 81	Mellado Pino, Cosme	0.59	0.78	0.55	96
Legislator 131	Sepúlveda Soto, Alexis	0.64	0.8	0.55	97
Legislator 40	Espinosa Sandoval, Fidel	0.61	0.74	0.59	98
Legislator 136	Tohá González, Jaime	0.64	0.83	0.62	99
Legislator 23	Carvajal Ambiado, Loreto	0.63	0.81	0.63	100
Legislator 138	Torres Jeldes, Víctor	0.68	0.85	0.63	101
Legislator 27	Celis Araya, Ricardo	0.66	0.85	0.66	102
Legislator 133	Soto Ferrada, Leonardo	0.62	0.8	0.66	103
Legislator 117	Rosas Barrientos, Patricio	0.62	0.76	0.66	104
Legislator 72	Leiva Carvajal, Raúl	0.62	0.8	0.67	105
Legislator 129	Schilling Rodríguez, Marcelo	0.65	0.79	0.68	106
Legislator 6	Álvarez Vera, Jenny	0.59	0.72	0.68	107
Legislator 60	Ilabaca Cerdá, Marcos	0.68	0.87	0.71	108
Legislator 92	naranjo Ortiz, Jaime	0.67	0.83	0.72	109
Legislator 103	Parra Sauterel, Andrea	0.64	0.8	0.72	110
Legislator 121	Saffirio Espinoza, René	0.65	0.85	0.73	111
Legislator 36	Díaz Díaz, Marcelo	0.68	0.87	0.73	112
Legislator 63	Jiles Moreno, Pamela	0.53	0.67	0.74	113
Legislator 26	Castro González, Juan Luis	0.61	0.77	0.76	114
Legislator 84	Mirosevic Verdugo, Vlado	0.59	0.75	0.77	115
Legislator 87	Monsalve Benavides, Manuel	0.63	0.77	0.77	116
Legislator 126	Santibáñez Novoa, Marisela	0.56	0.75	0.77	117
Legislator 56	Hertz Cádiz, Carmen	0.62	0.78	0.78	118
Legislator 130	Sepúlveda Orbenes, Alejandra	0.68	0.88	0.78	119
Legislator 78	Marzáñ Pinto, Carolina	0.69	0.86	0.8	120
Legislator 52	González Torres, Rodrigo	0.64	0.81	0.81	121
Legislator 95	Núñez Arancibia, Daniel	0.66	0.81	0.82	122
Legislator 114	Rocafull López, Luis	0.69	0.89	0.82	123
Legislator 19	Brito Hasbún, Jorge	0.67	0.86	0.82	124
Legislator 15	Bernales Maldonado, Alejandro	0.7	0.89	0.82	125
Legislator 124	Santana Castillo, Juan	0.67	0.82	0.83	126
Legislator 118	Saavedra Chandía, Gastón	0.69	0.86	0.83	127
Legislator 122	Saldívar Auger, Raúl	0.72	0.9	0.83	128
Legislator 99	Orsini Pascal, Maite	0.65	0.81	0.83	129
Legislator 21	Cariola Oliva, Karol	0.64	0.82	0.84	130
Legislator 29	Cicardini Milla, Daniella	0.67	0.83	0.84	131
Legislator 50	Girardi Lavín, Cristina	0.58	0.68	0.86	132
Legislator 97	Nuyado Ancapichún, Emilia	0.69	0.88	0.86	133
Legislator 18	Borri Font, Gabriel	0.62	0.77	0.87	134
Legislator 32	Crispi Serrano, Miguel	0.68	0.89	0.87	135
Legislator 147	Velásquez Núñez, Esteban	0.68	0.84	0.87	136
Legislator 61	Jackson Drago, Giorgio	0.69	0.9	0.87	137
Legislator 151	Vidal Rojas, Pablo	0.69	0.89	0.87	138
Legislator 135	Teillier Del Valle, Guillermo	0.68	0.85	0.87	139
Legislator 41	Fernández Allende, Maya	0.66	0.81	0.89	140
Legislator 57	Hirsch Goldschmidt, Tomás	0.66	0.83	0.89	141
Legislator 108	Pérez Salinas, Catalina	0.71	0.91	0.89	142
Legislator 11	Barrera Moreno, Boris	0.68	0.87	0.89	143
Legislator 53	Gutiérrez Gálvez, Hugo	0.63	0.77	0.89	144
Legislator 51	González Gatica, Félix	0.72	0.93	0.91	145
Legislator 24	Castillo Muñoz, natalia	0.68	0.88	0.91	146
Legislator 145	Vallejo Dowling, Camila	0.68	0.84	0.93	147
Legislator 49	Garín González, Renato	0.72	0.94	0.94	148
Legislator 154	Winter Etcheberry, Gonzalo	0.7	0.89	0.95	149
Legislator 155	Yeomans Araya, Gael	0.68	0.88	0.95	150
Legislator 1	Alarcón Rojas, Florcita	0.71	0.93	0.96	151
Legislator 70	Labra Sepúlveda, Amaro	0.71	0.91	0.97	152
Legislator 59	Ibáñez Cotroneo, Diego	0.69	0.89	0.98	153
Legislator 115	Rojas Valderrama, Camila	0.7	0.9	0.99	154
Legislator 85	Mix Jiménez, Claudia	0.65	0.83	1	155

	<b>Deputies</b>	<b>GMP</b>	<b>CC</b>	<b>coord1</b>	<b>Rank</b>
Legislator 123	Sanhueza Dueñas, Gustavo	0.83	0.95	-1	1
Legislator 80	Melero Abaroa, Patricio	0.82	0.95	-0.97	2
Legislator 125	Santana Tirachini, Alejandro	0.82	0.93	-0.95	3
Legislator 106	Pérez Lahsen, Leopoldo	0.83	0.95	-0.95	4
Legislator 104	Paulsen Kehr, Diego	0.8	0.92	-0.95	5
Legislator 152	Von Mühlenbrock Zamora, Gastón	0.86	0.99	-0.93	6
Legislator 111	Rathgeb Schifferli, Jorge	0.8	0.92	-0.93	7
Legislator 48	García García, René Manuel	0.83	0.95	-0.91	8
Legislator 17	Bobadilla Muñoz, Sergio	0.81	0.94	-0.89	9
Legislator 14	Berger Fett, Bernardo	0.83	0.97	-0.86	10
Legislator 71	Lavín León, Joaquín	0.79	0.93	-0.86	11
Legislator 10	Baltolu Rasera, Nino	0.8	0.95	-0.85	12
Legislator 76	Luck Urban, Karin	0.81	0.93	-0.83	13
Legislator 110	Ramírez Diez, Guillermo	0.67	0.87	-0.83	14
Legislator 46	Gahona Salazar, Sergio	0.78	0.91	-0.82	15
Legislator 127	Sauerbaum Muñoz, Frank	0.75	0.91	-0.82	16
Legislator 25	Castro Bascuñán, José Miguel	0.8	0.92	-0.82	17
Legislator 143	Urrutia Soto, Osvaldo	0.72	0.9	-0.81	18
Legislator 82	Mellado Suazo, Miguel	0.81	0.94	-0.8	19
Legislator 86	Molina Magofke, Andrés	0.79	0.92	-0.79	20
Legislator 141	Undurraga Gazitúa, Francisco	0.77	0.91	-0.79	21
Legislator 69	Kuschel Silva, Carlos	0.76	0.91	-0.78	22
Legislator 89	Moreira Barros, Cristhian	0.71	0.89	-0.78	23
Legislator 74	Longton Herrera, Andrés	0.8	0.93	-0.77	24
Legislator 93	Noman Garrido, Nicolás	0.75	0.89	-0.77	25
Legislator 22	Carter Fernández, Álvaro	0.8	0.95	-0.76	26
Legislator 38	Durán Salinas, Eduardo	0.67	0.85	-0.75	27
Legislator 44	Fuenzalida Cobo, Juan	0.68	0.86	-0.75	28
Legislator 5	Álvarez Ramírez, Sebastián	0.77	0.91	-0.74	29
Legislator 128	Schalper Sepúlveda, Diego	0.75	0.89	-0.74	30
Legislator 144	Urruticoechea Ríos, Cristóbal	0.8	0.92	-0.74	31
Legislator 47	Galleguillos Castillo, Ramón	0.75	0.89	-0.73	32
Legislator 146	Van Rysselberghe Herrera, Enrique	0.77	0.89	-0.73	33
Legislator 139	Trisotti Martínez, Renzo	0.78	0.91	-0.73	34
Legislator 33	Cruz-Coke Carvallo, Luciano	0.75	0.88	-0.73	35
Legislator 88	Morales Muñoz, Celso	0.75	0.88	-0.72	36
Legislator 113	Rey Martínez, Hugo	0.78	0.92	-0.72	37
Legislator 102	Pardo Sáinz, Luis	0.75	0.9	-0.71	38
Legislator 66	Kast Sommerhoff, Pablo	0.74	0.87	-0.71	39
Legislator 7	Amar Mancilla, Sandra	0.62	0.85	-0.71	40
Legislator 91	Muñoz González, Francesca	0.79	0.92	-0.7	41
Legislator 43	Flores Oporto, Camila	0.78	0.92	-0.7	42
Legislator 65	Jürgensen Rundshagen, Harry	0.78	0.89	-0.7	43
Legislator 96	Núñez Urrutia, Paulina	0.75	0.9	-0.7	44
Legislator 13	Bellolio Avaria, Jaime	0.69	0.86	-0.69	45
Legislator 140	Troncoso Hellman, Virginia	0.63	0.83	-0.69	46
Legislator 77	Macaya Danús, Javier	0.72	0.83	-0.69	47
Legislator 58	Hoffmann Opazo, María José	0.72	0.84	-0.66	48
Legislator 67	Keitel Bianchi, Sebastián	0.78	0.92	-0.65	49
Legislator 54	Hernández Hernández, Javier	0.75	0.88	-0.65	50
Legislator 4	Álvarez-Salamanca Ramírez, Pedro Pablo	0.74	0.85	-0.64	51
Legislator 12	Barros Montero, Ramón	0.77	0.89	-0.64	52
Legislator 31	Coloma Álamos, Juan Antonio	0.72	0.84	-0.62	53
Legislator 116	Romero Sáez, Leonidas	0.72	0.9	-0.61	54
Legislator 2	Alessandri Vergara, Jorge	0.7	0.82	-0.6	55
Legislator 109	Prieto Lorca, Pablo	0.75	0.89	-0.58	56
Legislator 101	Ossandón Irarrázabal, Ximena	0.74	0.89	-0.58	57
Legislator 28	Celis Montt, Andrés	0.68	0.87	-0.57	58
Legislator 39	Eguiguren Correa, Francisco	0.7	0.84	-0.56	59
Legislator 45	Fuenzalida Figueroa, Gonzalo	0.69	0.86	-0.56	60
Legislator 120	Sabat Fernández, Marcela	0.74	0.86	-0.55	61
Legislator 94	Norambuena Farías, Iván	0.58	0.81	-0.54	62
Legislator 142	Urrutia Bonilla, Ignacio	0.56	0.73	-0.45	63
Legislator 34	Del Real Mihovilovic, Catalina	0.61	0.78	-0.44	64
Legislator 98	Olivera De La Fuente, Erika	0.67	0.84	-0.43	65
Legislator 137	Torrealba Alvarado, Sebastián	0.59	0.82	-0.43	66
Legislator 30	Cid Versalovic, Sofía	0.59	0.81	-0.43	67
Legislator 112	Rentería Moller, Rolando	0.58	0.76	-0.35	68
Legislator 35	Desbordes Jiménez, Mario	0.55	0.69	-0.32	69
Legislator 73	Lequén Uribe, Aracely	0.4	0.57	-0.18	70
Legislator 37	Durán Espinoza, Jorge	0.49	0.66	-0.17	71
Legislator 119	Sabag Villalobos, Jorge	0.65	0.78	-0.17	72
Legislator 75	Lorenzini Basso, Pablo	0.65	0.79	-0.12	73
Legislator 100	Ortiz Novoa, José Miguel	0.59	0.74	-0.12	74
Legislator 68	Kort Garriga, Issa	0.49	0.62	-0.11	75
Legislator 150	Verdési Belemmi, Daniel	0.6	0.74	-0.09	76
Legislator 153	Walker Prieto, Matías	0.68	0.84	-0.08	77
Legislator 9	Auth Stewart, Pepe	0.63	0.79	-0.04	78
Legislator 20	Calisto Águila, Miguel Ángel	0.63	0.76	-0.04	79
Legislator 79	Matta Aragay, Manuel	0.52	0.66	-0.01	80
Legislator 83	Meza Moncada, Fernando	0.42	0.58	-0.01	81
Legislator 107	Pérez Olea, Joanna	0.63	0.79	-0.01	82
Legislator 132	Silber Romo, Gabriel	0.61	0.79	0.07	83
Legislator 105	Pérez Arriagada, José	0.64	0.77	0.08	84
Legislator 42	Flores García, Iván	0.63	0.78	0.08	85
Legislator 62	Jarpa Wevar, Carlos Abel	0.64	0.77	0.09	86
Legislator 148	Velásquez Seguel, Pedro	0.41	0.5	0.15	87
Legislator 149	Venegas Cárdenas, Mario	0.63	0.8	0.26	88
Legislator 8	Ascencio Mansilla, Gabriel	0.63	0.77	0.28	89

### 6.3 Ideological estimation during SARS-CoV2 pandemic

Legislator 81	Mellado Pino, Cosme	0.7	0.85	0.42	90
Legislator 55	Hernando Pérez, Marcela	0.66	0.82	0.44	91
Legislator 16	Bianchi Retamales, Karim	0.55	0.68	0.48	92
Legislator 131	Guímedo Gómez, Mervin	0.72	0.86	0.49	93
Legislator 10	Diez Vial, Cecilia Karin	0.69	0.81	0.41	94
Legislator 138	Torres Jeldes, Víctor	0.63	0.78	0.52	95
Legislator 121	Saffirio Espinoza, René	0.67	0.83	0.54	96
Legislator 129	Schilling Rodríguez, Marcelo	0.69	0.84	0.54	97
Legislator 40	Espinosa Sandoval, Fidel	0.73	0.85	0.55	98
Legislator 27	Celis Araya, Ricardo	0.74	0.87	0.55	99
Legislator 29	Cicardini Milla, Daniella	0.74	0.88	0.56	100
Legislator 72	Leiva Carvajal, Raúl	0.69	0.82	0.56	101
Legislator 64	Jiménez Fuertes, Tucapel	0.72	0.87	0.56	102
Legislator 87	Monsalve Benavides, Manuel	0.7	0.82	0.57	103
Legislator 133	Soto Ferrada, Leonardo	0.71	0.83	0.57	104
Legislator 23	Carvajal Ambiado, Loreto	0.7	0.85	0.58	105
Legislator 50	Girardi Lavín, Cristina	0.51	0.68	0.58	106
Legislator 84	Mirosevic Verdugo, Vlado	0.63	0.77	0.58	107
Legislator 136	Tohá González, Jaime	0.71	0.83	0.59	108
Legislator 60	Ilabaca Cerda, Marcos	0.74	0.88	0.6	109
Legislator 78	Marzáñ Pinto, Carolina	0.73	0.85	0.6	110
Legislator 122	Saldívar Auger, Raúl	0.75	0.89	0.61	111
Legislator 103	Parra Sauterel, Andrea	0.71	0.85	0.61	112
Legislator 117	Rosas Barrientos, Patricio	0.71	0.84	0.62	113
Legislator 26	Castro González, Juan Luis	0.62	0.77	0.64	114
Legislator 118	Saavedra Chandía, Gastón	0.76	0.9	0.64	115
Legislator 124	Santana Castillo, Juan	0.63	0.78	0.64	116
Legislator 114	Rocaful López, Luis	0.75	0.89	0.66	117
Legislator 41	Fernández Allende, Maya	0.77	0.91	0.66	118
Legislator 108	Pérez Salinas, Catalina	0.68	0.85	0.66	119
Legislator 15	Bernales Maldonado, Alejandro	0.67	0.83	0.66	120
Legislator 6	Álvarez Vera, Jenny	0.66	0.8	0.67	121
Legislator 92	Naranjo Ortiz, Jaime	0.76	0.89	0.68	122
Legislator 99	Orsini Pascal, Maite	0.67	0.83	0.68	123
Legislator 36	Díaz Díaz, Marcelo	0.74	0.87	0.68	124
Legislator 151	Vidal Rojas, Pablo	0.72	0.87	0.69	125
Legislator 61	Jackson Drago, Giorgio	0.74	0.91	0.72	126
Legislator 130	Sepúlveda Orbenes, Alejandra	0.72	0.88	0.72	127
Legislator 49	Garin González, Renato	0.76	0.91	0.74	128
Legislator 24	Castillo Muñoz, Natalia	0.73	0.89	0.74	129
Legislator 18	Boris Font, Gabriel	0.69	0.85	0.74	130
Legislator 32	Crispi Serrano, Miguel	0.75	0.92	0.75	131
Legislator 52	González Torres, Rodrigo	0.72	0.88	0.76	132
Legislator 19	Brito Hasbún, Jorge	0.75	0.91	0.76	133
Legislator 147	Velásquez Núñez, Esteban	0.71	0.85	0.77	134
Legislator 90	Mulet Martínez, Jaime	0.66	0.78	0.79	135
Legislator 155	Yeomans Araya, Gael	0.74	0.87	0.81	136
Legislator 56	Hertz Cádiz, Carmen	0.67	0.79	0.81	137
Legislator 11	Barrera Moreno, Boris	0.72	0.86	0.83	138
Legislator 70	Labra Sepúlveda, Amaro	0.66	0.8	0.83	139
Legislator 154	Winter Etcheberry, Gonzalo	0.76	0.93	0.85	140
Legislator 57	Hirsch Goldschmidt, Tomás	0.71	0.87	0.85	141
Legislator 59	Ibáñez Cotroneo, Diego	0.76	0.9	0.86	142
Legislator 3	Alinco Bustos, René	0.68	0.8	0.86	143
Legislator 97	Nuyado Ancapichún, Emilia	0.75	0.9	0.86	144
Legislator 115	Rojas Valderrama, Camila	0.78	0.94	0.87	145
Legislator 21	Cariola Oliva, Karol	0.71	0.83	0.87	146
Legislator 95	Núñez Arancibia, Daniel	0.72	0.84	0.87	147
Legislator 135	Teillier Del Valle, Guillermo	0.67	0.8	0.88	148
Legislator 85	Mix Jiménez, Claudia	0.78	0.94	0.9	149
Legislator 126	Santibáñez Novoa, Marisela	0.74	0.87	0.91	150
Legislator 145	Vallejo Dowling, Camila	0.71	0.83	0.93	151
Legislator 53	Gutiérrez Gálvez, Hugo	0.7	0.84	0.95	152
Legislator 51	González Gatica, Félix	0.75	0.92	0.95	153
Legislator 63	Jiles Moreno, Pamela	0.75	0.92	0.96	154
Legislator 1	Alarcón Rojas, Florcita	0.75	0.91	1	155

	<b>Deputies</b>	<b>GMP</b>	<b>CC</b>	<b>coord1</b>	<b>Rank</b>
Legislator 116	Ramírez Diez, Guillermo	0.66	0.82	-1	1
Legislator 80	Macaya Danús, Javier	0.64	0.8	-0.99	2
Legislator 46	Fuenzalida Cobo, Juan	0.64	0.8	-0.98	3
Legislator 108	Pardo Sáinz, Luis	0.68	0.88	-0.97	4
Legislator 67	Jürgensen Rundshagen, Harry	0.66	0.85	-0.95	5
Legislator 31	Coloma Álamos, Juan Antonio	0.68	0.87	-0.94	6
Legislator 112	Pérez Lahsen, Leopoldo	0.68	0.9	-0.94	7
Legislator 152	Urruticochea Ríos, Cristóbal	0.67	0.84	-0.94	8
Legislator 84	Melero Abaroa, Patricio	0.57	0.66	-0.93	9
Legislator 2	Alessandri Vergara, Jorge	0.63	0.78	-0.93	10
Legislator 110	Paulsen Kehr, Diego	0.63	0.78	-0.92	11
Legislator 12	Barros Montero, Ramón	0.66	0.83	-0.92	12
Legislator 71	Kuschel Silva, Carlos	0.67	0.86	-0.91	13
Legislator 136	Schalper Sepúlveda, Diego	0.65	0.81	-0.91	14
Legislator 34	Cuevas Contreras, Nora	0.55	0.69	-0.91	15
Legislator 150	Urrutia Bonilla, Ignacio	0.62	0.76	-0.91	16
Legislator 151	Urrutia Soto, Osvaldo	0.67	0.88	-0.9	17
Legislator 79	Luck Urban, Karin	0.68	0.89	-0.89	18
Legislator 90	Molina Magofke, Andrés	0.65	0.81	-0.88	19
Legislator 154	Van Rysselberghe Herrera, Enrique	0.65	0.81	-0.87	20
Legislator 25	Castro Bascuñán, José Miguel	0.66	0.87	-0.87	21
Legislator 60	Hoffmann Opazo, María José	0.62	0.76	-0.87	22
Legislator 35	Del Real Mihovilovic, Catalina	0.65	0.84	-0.87	23
Legislator 70	Kort Garriga, Issa	0.59	0.71	-0.86	24
Legislator 160	Von Mühlensbrock Zamora, Gastón	0.67	0.89	-0.86	25
Legislator 94	Morán Bahamondes, Camilo	0.57	0.71	-0.86	26
Legislator 117	Rathgeb Schifferli, Jorge	0.66	0.87	-0.86	27
Legislator 86	Mellado Suazo, Miguel	0.67	0.87	-0.86	28
Legislator 131	Sanhueza Dueñas, Gustavo	0.65	0.81	-0.86	29
Legislator 45	Fuentes Barros, Tomás Andrés	0.56	0.7	-0.86	30
Legislator 135	Sauerbaum Muñoz, Frank	0.65	0.84	-0.86	31
Legislator 56	Hernández Hernández, Javier	0.64	0.81	-0.85	32
Legislator 100	Norambuena Farías, Iván	0.63	0.79	-0.85	33
Legislator 133	Santana Tirachini, Alejandro	0.65	0.83	-0.85	34
Legislator 17	Bobadilla Muñoz, Sergio	0.63	0.79	-0.84	35
Legislator 33	Cruz-Coke Carvallo, Luciano	0.66	0.86	-0.84	36
Legislator 145	Torrebalta Alvarado, Sebastián	0.63	0.83	-0.83	37
Legislator 95	Moreira Barros, Cristhian	0.65	0.88	-0.82	38
Legislator 93	Morales Muñoz, Celso	0.63	0.79	-0.82	39
Legislator 10	Baltolu Rasera, Nino	0.66	0.87	-0.82	40
Legislator 14	Berger Fett, Bernardo	0.67	0.86	-0.82	41
Legislator 30	Cid Versalovic, Sofía	0.66	0.84	-0.82	42
Legislator 47	Fuenzalida Figueroa, Gonzalo	0.65	0.85	-0.82	43
Legislator 48	Gahona Salazar, Sergio	0.62	0.77	-0.81	44
Legislator 50	García García, René Manuel	0.65	0.82	-0.81	45
Legislator 40	Eguiguren Correa, Francisco	0.66	0.84	-0.8	46
Legislator 5	Álvarez Ramírez, Sebastián	0.66	0.84	-0.8	47
Legislator 44	Flores Oporto, Camila	0.64	0.8	-0.8	48
Legislator 102	Núñez Urrutia, Paulina	0.6	0.75	-0.8	49
Legislator 149	Undurraga Gazitúa, Francisco	0.64	0.84	-0.8	50
Legislator 82	Masferrer Vidal, Juan Manuel	0.46	0.5	-0.79	51
Legislator 72	Labbé Martínez, Cristian	0.47	0.54	-0.79	52
Legislator 74	Lavín León, Joaquín	0.63	0.79	-0.79	53
Legislator 119	Rey Martínez, Hugo	0.65	0.84	-0.79	54
Legislator 147	Trisotti Martínez, Renzo	0.66	0.86	-0.77	55
Legislator 118	Rentería Moller, Rolando	0.62	0.76	-0.77	56
Legislator 76	Leuquén Uribe, Aracely	0.55	0.62	-0.77	57
Legislator 68	Kast Sommerhoff, Pablo	0.6	0.72	-0.76	58
Legislator 28	Celis Montt, Andrés	0.62	0.79	-0.76	59
Legislator 97	Muñoz González, Francesca	0.65	0.85	-0.75	60
Legislator 99	Norman Garrido, Nicolás	0.62	0.74	-0.74	61
Legislator 39	Durán Salinas, Eduardo	0.63	0.8	-0.73	62
Legislator 49	Galleguillos Castillo, Ramón	0.62	0.8	-0.73	63
Legislator 77	Longton Herrera, Andrés	0.64	0.85	-0.73	64
Legislator 36	Desbordes Jiménez, Mario	0.47	0.47	-0.72	65
Legislator 22	Carter Fernández, Álvaro	0.64	0.81	-0.72	66
Legislator 127	Sabat Fernández, Marcela	0.45	0.43	-0.71	67
Legislator 13	Bellolio Avaria, Jaime	0.47	0.47	-0.71	68
Legislator 107	Ossandón Irarrázabal, Ximena	0.63	0.83	-0.7	69
Legislator 38	Durán Espinoza, Jorge	0.6	0.75	-0.7	70
Legislator 122	Romero Sáez, Leonidas	0.64	0.84	-0.7	71
Legislator 69	Keitel Bianchi, Sebastián	0.61	0.79	-0.7	72
Legislator 115	Prieto Lorca, Pablo	0.63	0.8	-0.69	73
Legislator 7	Amar Mancilla, Sandra	0.62	0.78	-0.68	74
Legislator 148	Troncoso Hellman, Virginia	0.59	0.76	-0.61	75
Legislator 4	Álvarez-Salamanca Ramírez, Pedro Pablo	0.55	0.67	-0.61	76
Legislator 104	Olivera De La Fuente, Erika	0.6	0.78	-0.52	77
Legislator 83	Matta Aragay, Manuel	0.53	0.63	-0.39	78
Legislator 78	Lorenzini Basso, Pablo	0.59	0.75	-0.37	79
Legislator 124	Rubio Escobar, Patricia	0.44	0.54	-0.35	80
Legislator 156	Velásquez Seguel, Pedro	0.48	0.56	-0.33	81
Legislator 20	Calisto Águila, Miguel Ángel	0.58	0.7	-0.3	82
Legislator 87	Meza Moncada, Fernando	0.53	0.62	-0.29	83
Legislator 92	Moraga Mamani, Rubén	0.43	0.53	-0.28	84
Legislator 51	Garín González, Renato	0.47	0.53	-0.28	85
Legislator 130	Sandoval Osorio, Marcela	0.44	0.56	-0.26	86
Legislator 106	Ortiz Novoa, José Miguel	0.54	0.65	-0.21	87
Legislator 126	Sabag Villalobos, Jorge	0.6	0.75	-0.2	88
Legislator 16	Bianchi Retamales, Karim	0.53	0.64	-0.18	89

Legislator 9	Auth Stewart, Pepe	0.58	0.75	-0.16	90
Legislator 3	Alinco Bustos, René	0.53	0.64	-0.12	91
Legislator 23	Carvajal Ambiado, Loreto	0.48	0.57	-0.12	92
Legislator 55	Gutiérrez Gálvez, Hugo	0.46	0.53	-0.11	93
Legislator 111	Pérez Arriagada, José	0.57	0.7	-0.08	94
Legislator 64	Jarpa Wevar, Carlos Abel	0.6	0.75	-0.08	95
Legislator 41	Espinosa Sandoval, Fidel	0.54	0.64	-0.08	96
Legislator 158	Verdessi Belemmi, Daniel	0.61	0.76	-0.05	97
Legislator 26	Castro González, Juan Luis	0.56	0.71	0	98
Legislator 157	Venegas Cárdenas, Mario	0.61	0.75	0.02	99
Legislator 161	Walker Prieto, Matías	0.62	0.8	0.03	100
Legislator 96	Mulet Martínez, Jaime	0.56	0.69	0.08	101
Legislator 113	Pérez Olea, Joanna	0.63	0.8	0.11	102
Legislator 140	Silber Romo, Gabriel	0.62	0.79	0.13	103
Legislator 43	Flores García, Iván	0.64	0.81	0.17	104
Legislator 8	Ascencio Mansilla, Gabriel	0.62	0.78	0.19	105
Legislator 58	Hertz Cádiz, Carmen	0.57	0.72	0.19	106
Legislator 52	Girardi Lavín, Cristina	0.6	0.74	0.2	107
Legislator 144	Tohá González, Jaime	0.63	0.8	0.21	108
Legislator 18	Boric Font, Gabriel	0.61	0.74	0.24	109
Legislator 139	Sepúlveda Soto, Alexis	0.66	0.82	0.25	110
Legislator 128	Saffirio Espinoza, René	0.62	0.79	0.25	111
Legislator 75	Leiva Carvajal, Raúl	0.65	0.78	0.26	112
Legislator 155	Velásquez Núñez, Esteban	0.62	0.76	0.29	113
Legislator 91	Monsalve Benavides, Manuel	0.64	0.8	0.3	114
Legislator 109	Parra Sauterel, Andrea	0.67	0.82	0.3	115
Legislator 27	Celis Araya, Ricardo	0.68	0.82	0.31	116
Legislator 125	Saavedra Chandía, Gastón	0.64	0.81	0.35	117
Legislator 54	González Torres, Rodrigo	0.65	0.81	0.36	118
Legislator 15	Bernales Maldonado, Alejandro	0.67	0.82	0.37	119
Legislator 132	Santana Castillo, Juan	0.66	0.83	0.39	120
Legislator 146	Torres Jeldes, Víctor	0.7	0.85	0.4	121
Legislator 105	Orsini Pascal, Maite	0.66	0.79	0.42	122
Legislator 137	Schilling Rodríguez, Marcelo	0.68	0.84	0.43	123
Legislator 81	Marzáñ Pinto, Carolina	0.68	0.84	0.44	124
Legislator 101	Núñez Arancibia, Daniel	0.66	0.83	0.45	125
Legislator 141	Soto Ferrada, Leonardo	0.69	0.84	0.45	126
Legislator 138	Sepúlveda Orbenes, Alejandra	0.68	0.82	0.49	127
Legislator 6	Álvarez Vera, Jenny	0.71	0.85	0.5	128
Legislator 88	Mirosevic Verdugo, Vlado	0.69	0.84	0.5	129
Legislator 85	Mellado Pino, Cosme	0.72	0.88	0.52	130
Legislator 98	Naranjo Ortiz, Jaime	0.7	0.86	0.53	131
Legislator 142	Soto Mardones, Raúl	0.72	0.87	0.54	132
Legislator 57	Hernando Pérez, Marcela	0.73	0.89	0.55	133
Legislator 66	Jiménez Fuentes, Tucapel	0.73	0.87	0.55	134
Legislator 120	Rocafull López, Luis	0.72	0.89	0.56	135
Legislator 129	Saldívar Auger, Raúl	0.73	0.88	0.57	136
Legislator 143	Teillier Del Valle, Guillermo	0.69	0.82	0.58	137
Legislator 63	Jackson Drago, Giorgio	0.71	0.83	0.61	138
Legislator 21	Cariola Oliva, Karol	0.69	0.84	0.61	139
Legislator 134	Santibáñez Novoa, Marisela	0.72	0.87	0.63	140
Legislator 153	Vallejo Dowling, Camila	0.72	0.86	0.63	141
Legislator 123	Rosas Barrientos, Patricio	0.74	0.9	0.64	142
Legislator 103	Nuyado Ancapichún, Emilia	0.73	0.88	0.66	143
Legislator 29	Cicardini Milla, Daniella	0.74	0.88	0.67	144
Legislator 37	Díaz Díaz, Marcelo	0.73	0.88	0.67	145
Legislator 59	Hirsch Goldschmidt, Tomás	0.73	0.87	0.71	146
Legislator 24	Castillo Muñoz, Natalia	0.76	0.9	0.71	147
Legislator 114	Pérez Salinas, Catalina	0.72	0.87	0.73	148
Legislator 162	Winter Etcheberry, Gonzalo	0.73	0.87	0.73	149
Legislator 159	Vidal Rojas, Pablo	0.76	0.89	0.73	150
Legislator 1	Alarcón Rojas, Florcita	0.73	0.89	0.75	151
Legislator 61	Ibáñez Cotroneo, Diego	0.74	0.88	0.77	152
Legislator 62	Ilabaca Cerda, Marcos	0.79	0.93	0.78	153
Legislator 32	Crispi Serrano, Miguel	0.74	0.88	0.79	154
Legislator 89	Mix Jiménez, Claudia	0.73	0.88	0.81	155
Legislator 65	Jiles Moreno, Pamela	0.75	0.91	0.81	156
Legislator 19	Brito Hasbún, Jorge	0.77	0.92	0.83	157
Legislator 42	Fernández Allende, Maya	0.77	0.9	0.84	158
Legislator 11	Barrera Moreno, Boris	0.76	0.92	0.92	159
Legislator 73	Labra Sepúlveda, Amaro	0.76	0.91	0.92	160
Legislator 121	Rojas Valderrama, Camila	0.79	0.92	0.93	161
Legislator 53	González Gatica, Félix	0.78	0.92	0.98	162
Legislator 163	Yeomans Araya, Gael	0.79	0.92	1	163