

**Title: The heroes of ALS: The social structure of the triumphalist discourses of overcoming and celebrating a patient and legitimizing a disease. A comparative sociology of an ideology of the patient as a hero**

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**Abstract:** *Objective:* The objective of this article is to understand the social conditions of production or social structure of the discourses or ideologies of the patient as a hero from the theory of position taking and positions in the social space by Pierre Bourdieu, placing special emphasis on whether the Welfare and Rule-of-law State plays some role in the production of these discourses, and on whether other types of discourses appear, especially those carried out by religion, if that State is weak or non-existent. *Method:* For this purpose, a database was built with the 1,068 responses by the 1,068 different individuals who responded on Twitter to a tweet from a person with a legitimate disease such as ALS. Through several analyses (qualitative thematic content analysis, Multiple Correspondence Analysis [MCA], and Agglomerative Hierarchical Clustering [AHC]) it was possible to build the social structure of the heroic discourses. *Results:* Twelve types of responses were obtained, which could be divided into two large groups: overcoming or heroic discourses, and religious discourses about the disease. *Conclusion:* It was shown that there was a clear relationship between the type of Welfare and Rule-of-law State (more or less weak) and the type of discourse, so that, in environments with relatively stronger Welfare and Rule-of-law States (such as Spain), the dominant discourses were the discourses or ideologies of the patient as a hero, and in those with weaker Welfare States (such as Venezuela), religion monopolized the discourse and ideologies from which the social image of the patient was constructed.

**Keywords:** capital of experiencing the disease, disease, heroic discourse, philosophies of consciousness, religion, Welfare States.

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### *1. Objectives of the study, background-theoretical contextualization, and analytical model*

This article is part of the project “The circuit of symbolic violence in Chronic Fatigue Syndrome (CFS)/Myalgic Encephalomyelitis (ME): Development of a symbolic violence scale.” In previous phases of this research (Gimeno Torrent, 2022:10-11), it was found that one of the mechanisms of this circuit that affects patients is what was called the imposition of discourse or symbolic imposition (Bourdieu, 1991:72-73). Several variants were identified, and one of the most relevant for the purposes of this research is the imposition of heroic discourse. This discourse is very widespread socially and serves to understand the ideologies from which the social image of patients with legitimate and visible diseases is built versus those who suffer from socially delegitimized and invisible diseases such as MECFS, which would constitute the research question or the object of study of this research. These ideologies show how in our society the only sick people who have a legitimate social existence are those who fit the model of the sick fighter who never gives up until he is cured, so that the legitimate and dominant social representation of the sick is that of the hero who has a very positive character, a great determination and will to overcome adversity (Hernández Arango & Ráez, 2019; Leiva Galiano, 2019; Tramullas, 2019), and this is, in very broad strokes, the symbolic imposition of heroic discourse. The objective of this article is to understand the social conditions under which these discourses are produced and reproduced, giving rise to this imposition of heroic discourse. And the way to do it will be by validating a hypothesis that is the extension and generalization of a model previously formulated by Pierre Bourdieu (2014:369) to explain a phenomenon that occurred in a very specific case: it is expected that the main condition of possibility of heroic discourses is the degree of development of the Welfare and Rule-of-law States, and that, when this degree is insufficient or there are practically no Welfare and Rule-of-law States, the heroic discourses cease to be the dominant ones, since in these cases the agents will entrust themselves to God to help them protect their health and heal themselves, because the place of some non-existent health providence States will symbolically be taken, instead, by more or less institutionalized religion.

The research line most similar to this object of study in the social sciences is the study of illness narratives, a paradigm that already has a long tradition. Usually, this topic has overlapped with that of the patient’s self-identity, and often these studies have been carried out from Frank’s model of narratives of restitution, chaos and quest. From these parameters, some diseases have been studied, such as fibromyalgia (Bock, 2013), cancer (Bock, 2013; Jones et al., 2018; Laranjeira, 2013), breast cancer (Coll-Planas & Visa, 2016; Coreil et al., 2012; Pitts, 2004; Segal, 2007), ovarian cancer (Staneva et al., 2018), terminal cancer (Ho et al., 2013), nasopharyngeal carcinoma (Imchen, 2021), HIV and AIDS (Ezzy, 2000), chronic obstructive pulmonary disease (COPD) (Malcolm et al., 2017), medically unexplained symptoms (Nettleton et al., 2005), post-traumatic stress (Salzmann-Erikson & Hiçdurmaz, 2017), psychosis (Harrop, 2015), diabetes (Abreu et al., 2018), Parkinson’s disease (Peek, 2017), epilepsy (Good et al., 1994), affective mental disorders (Koo, 2012), dementia (Fels & Astell, 2011), borderline personality disorder (Sterna & Moskalewicz, 2022), kidney disease (Kierans, 2005), serious mental illness (Stern et al., 1999), Huntington’s disease (Schwartz, 2010), chronic disease management (Vassilev et al., 2017), lupus (Colmenares-Roa et al., 2022), or depression and anxiety (Flores-Flores et al., 2020). This selection is the result of a search in PubMed combining the descriptors of the research areas assimilated to the object of study of this article: “illness narratives, social structure” (61 results), “illness narratives, Welfare State” (25 results), and “illness narratives, religion” (161 results). All these investigations are qualitative and their central object of study are narratives. Those who give some explanatory role to isolated variables of a socio-structural type, which never play a central but secondary role, are in the very minority. In some cases, these are a few demographic variables of a quantitative nature (Malcolm et al., 2017), and in others the configurations of social relationships (or social networks), which can play a more or less important role (Abreu et al., 2018; Harrop, 2015; Jones et al., 2018). The role of these variables is understood based on the perspective of social support so traditional in medical social science in order to study the processes of coping with diseases and their derivatives, especially in what refers to the role of the family in the care and support for the sick. Religion as a form of discourse, ideology, or narrative around the disease also seems to be something especially absent and only appears on rare occasions

(Colmenares-Roa et al., 2022; Coreil et al., 2012; Flores-Flores et al., 2020; Imchen, 2021). The same can be said of the role of the Welfare States (Vassilev et al., 2017) as for a moderately comparative perspective in this regard.

In short, in none of these investigations the central variable is the social structure or, as conceived in this article, the social space. It seems that one of the main weak points of the perspective of the narratives of the disease is that it does not take into account the structure of the social space in which the discourse is produced, which prevents an adequate understanding of the social conditions of production of these narratives. This point was already pointed out by veteran researchers in the research field of illness narratives (Riessman, 2002). In this sense, what this article attempts, from a combination of quantitative, which is the predominant one, and qualitative work (very secondary) is to relate the social conditions of production (or social structure or social space) with these ideologies or heroic discourses based on the models, developed by Pierre Bourdieu throughout his research career, of the social positions (or principles of vision and division) and position taking in social space (Bourdieu, 1984, 1988:21-23, 1990a:123-140, 1999, 2000b:62-64, 2015:11-120, 2017:240-263, 2022:501-530; Bourdieu & Chartier, 2015:36-41, 51-54; Merton et al., 1990). Its dimensions are as follows: 1) the position taking as an indicator of the ideology or discourse; 2) the social properties ascribed to the individual such as sex, age (Elias, 1991:vii-x; Lorente Fontaneda, 2017), and occupation; 3) the distance (closeness-remoteness) from the disease, which in turn would be closely related to 4) the degree of family integration (Bourdieu, 1990b); 5) the position occupied in the religious and beliefs pole of the social space: religiosity, trumpism (Onishi, 2021), and antivax scales; and, finally, 6) the position occupied in the social pole of the social space: social classifiers. In this sixth last dimension, the principles of vision and division and the symbolic struggles or forms of classification in the social space, two sets of elements have been fundamental: 1) those that referred to living conditions and the impact of the type of Welfare and Rule-of-Law State on them (Fund for Peace, 2022); and 2) those elements focused on what some authors have called the *positive psychological code* (Béjar Merino, 2011), and other authors *philosophies of consciousness* (Bourdieu, 1990a:12-15).

All the methodological, statistical, and results details that cannot be adequately developed here are expanded in the 85-page annex document attached to this article, which will only be cited on this occasion, without referring to it each time, for the sake of brevity.

## 2. *Method and techniques*

To test this model and validate the research hypothesis, the example of a person suffering from a legitimate disease such as Amyotrophic Lateral Sclerosis (ALS) with a presence on Twitter and many followers was taken as a case study. A database was built from the 1,158 valid responses by the 1,158 different users who received a tweet published on 5/2/2020. In this tweet, this patient briefly narrated his story, very common to other diseases: the patient is diagnosed with ALS, his partner leaves him, and he has to close his business (he was an entrepreneur/self-employed, a more or less practicing Catholic, and he had been interviewed previously to the publication of the tweet on Intereconomía TV, currently El Toro TV, a right-wing or far-right media), but he does not lose his humor, his smile, or his will to live. The message ends with two emoticons that symbolize smile and strength.

From this initial matrix of 1,158 valid cases and two variables, the response and the user, it was expanded to obtain as much information as possible about each of the people who responded. This process lasted more than two years and 3,925 hours and its result were a final matrix of 1,068 records (the initial matrix of 1,158 cases had to be refined several times) with 127 variables from which 63 were selected, 53 active variables and 10 illustrative or supplementary, which were the ones that entered the final multivariate analysis.

The 1,158 initial responses as position taking were first analyzed with a qualitative thematic content analysis (Ruiz Olabuénaga, 1999; Schreier, 2012). 39 themes were identified that accounted for all the contents of these responses. They were then subjected to a Multiple Correspondence Analysis (MCA) (Benzécri, 1992; Greenacre, 2007; Hjellbrekke, 2019) from the qualitative coding of presence/absence of each of the aforementioned 39 units of significance-meaning. Afterwards, an Agglomerative Hierarchical Clustering (AHC) (López-Roldán &

Fachelli, 2015) was carried out, which resulted in 12 classes of responses. This AHC was later consolidated with a k-means analysis to optimize its results by correcting the classification of those observations likely to be better classified. To carry out these analyses, the statistical software XLSTAT has been used (Lumivero, 2023).

The remaining 62 variables, corresponding to the other 5 aforementioned dimensions of the analytical model, were the classification variables of the individuals. To obtain 13 of these 62 variables, approximately 58,000 tweets of the total of 1,158 observations were reviewed manually, tweet by tweet, to locate the relevant information. To obtain the other 49 variables, approximately a total of 17,443 tweets different from the previous 58,000 were analyzed with a qualitative thematic content analysis. About 17 consecutive tweets per user were analyzed; that is, the tweets were not selected, they had to be analyzed all in succession without choosing any; if, for example, 15 or 20 were to be analyzed, the first 15 or 20 that appeared in chronological order were analyzed. If there was one that was impossible to classify with the 105 classifiers available, it was classified in the corresponding “unclassified” box. Following this method, 92% (13,353/17,433 expressed in %) of the total tweets were classified.

Next, within the social space, from new MCA, AHC, and k-means, the position taking as indicators of the ideology of the patient as a hero were related to the positions occupied or principles of vision and division, and the results which will be described below were obtained. As can be easily seen, this method of statistical analysis falls within what has been called the paradigm of the classification of individuals or groups, within the great tradition of French mathematics, far removed from the econometric paradigm of measurement, variables and their effects and regression models, dominant throughout the world and of Anglo-Saxon tradition, clearly inspired by the dominant paradigm of the natural or “hard” sciences (Desrosières, 2008a, 2008b; Storer, 1967), but which does not play any role in this research.

### 3. *Results and analyses*

As for the responses or position taking, 12 kinds of responses were obtained. Thus, Responses C1 (123 [elements]; 11%) were responses of deep admiration based on the pervasive praise of traits socially attributed to the male sex. Responses C2 (124; 11%), responses of deep gratitude where the lesson of life given is highlighted, which conveys hope, spirit of overcoming, optimism, and shows “that we complain about silly things.” Responses C3 (448; 39%), encouragement responses. Responses C4 (91; 8%), responses from religiosity (“God bless you”) that highlight faith as a way of coping with the disease, and in which secondarily the disease is also seen as an opportunity to gain good things and a learning of life that fosters values such as self-overcoming, optimism, and teach us that “where there’s a will, there’s a way,” secular versions of religious faith. Responses C5 (78; 7%), responses also from religiosity to the social disintegration of the sick (“God is on your side”), where optimism also stands out as a way of coping with the disease. Responses C6 (135; 12%), “anti-anomic” or “sociodicean” responses in which the patient as a role model provides a common universe of secular discourse and provides meaning and examples of behavior to a world that is considered to be in a continuous crisis of values. Responses C7 (50; 4%) are the religious responses of blessing of the “theodicy” type (secondarily related to secular “sociodiceans”) that give meaning to the lives of believers through the example of faith of the sick (secondarily associated with psychological mottos of the type “if you have a positive mind, the body withstand anything”), which is seen as a sign of God’s action, who has a mission for him. Responses C8 (40; 3%), responses of solidarity with the patient and the disease of people close to patients with ALS or other diseases, which emphasize that health comes first and the need to find a cure for ALS. Responses C9 (35; 3%) are religious responses of doxic imposition (imposition of beliefs, usually unfounded and often harmful, on those who find themselves in a situation of extreme symbolic subordination and social relegation) based on the miracles of God and faith in him as a way of finding a cure that must be sought outside of official medicine. Responses C10 (25; 2%), ritualistic religious responses based on biblical quotes, prayer and faith in God where remedies are sought again outside of official medicine. Responses C11 (2; 0%), the responses of ultra-individualism: ultra-religious, ultra-psychological and ultra-patriotic. Responses C12 (7; 1%) are the unclassified responses.

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Another of the results and analyses that must be recorded here is the qualitative thematic content analysis that was carried out to constitute one of the 105 classifiers, giving rise to the religious scale or dimension. It is important to describe the typology obtained because it plays an important role in the final analysis.

Spontaneous or unarticulated religious manifestations (Religious Messages Type I): these are all those signs that religion, God, or similar have a role that may be more or less central in the person's life. These manifestations are characterized by their lack of discursive or reasoned foundation. They can take very diverse forms but are usually very diffuse: they can be a taste for art or religious imagery (typical carvings of Saints in procession at Holy Week), the more or less frequent use of certain expressions ("God bless you," "May the Virgin accompany you," "Amen," etc.), or other similar ones.

Orthodox religious discourse (Religious Messages Type II): these are almost harangues in the strict sense, most of the time as they appear in the Bible or other sacred books: "You are my God, and I sigh for You day and night. When I first knew You, You took me up, so that I might see that there was something to see, but that I was not yet one able to see it." Saint Augustine. (Confessions, Book VII, Chapter 10.16). Or they can also be an adaptation of this type of discourse based on these contents, adopting its form and meaning to express very similar but slightly different things. That is to say, they often take the form of traditional prayers, adapted to the Internet context, prayers, blessings, etc., adopting both the form of this type of discourse and its original meaning of requests addressed to God to grant what is asked.

Religious propaganda by deed, or "practice what you preach" (Religious Messages Type III): in this case the message is characterized by the almost absence of a message since it is replaced by the action of "MC" (among others, but this person was the one that appeared the most). This boy embodies with his action and his figure the absence of a non-existent Welfare State that cannot provide for the poorest: he offers food or anything else needed by those who are "lucky enough" to run into him any day of the week, since he "works" daily in his charitable action inspired by God.

Heterodox religious discourse or anti-religious rhetoric (Religious Messages Type IV) that flees from traditional religious rhetoric (modernizes it from other rhetoric) to transmit similar content. In one case, this rhetoric has been based on scientific discourse, but there may be other examples based on other types of rhetoric, such as internet tutorials. These are two cases that have appeared in the analyzed tweets.

Spiritualist religious discourse (Religious Messages Type V): here the typical form of religious discourse disappears almost completely and it is even difficult to recognize religious content. It is a highly sublimated and academically very elaborate religious discourse that is hidden as such behind an aspect of worldly spiritualism and in which certain values of Catholic culture stand out.

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In the final analysis, it was revealed that the social space built was structured around 4 axes that accounted for 52% of the adjusted total inertia according to Greenacre's formula. These first 4 axes are the ones that accumulate most of the inertia, from axis 4 the inertia added by each new axis is regarded as random variation: 1) Welfare and Rule-of-law State (29% of the adjusted total inertia); 2) Position in social space, Social Right-Social Left axis (14% of the adjusted total inertia), which would be, without being so, an equivalent to the social class that divides the observations into two well-differentiated classes: the right and the left without these two factions being exclusively circumscribed or identified exactly with what could be considered two types of political positions because what describes this axis goes beyond the political position to achieve a much broader social positioning and living conditions; 3) Capital of experiencing the disease (7% of the adjusted total inertia), which is the current, future, or imagined (potential) propensity of oneself or one's social circle to experience the disease; that is, both directly and by delegation; and, finally, 4) Philosophies of consciousness, Individualism-Collectivism axis (3% of the adjusted total inertia), which consist of a series of generally widespread thought patterns taking very different forms (which change historically) but which are usually based on the matrix that opposes individual-society (individualism versus collectivism, liberalism versus socialism,

individualism versus holism, etc.). It is not exclusively a way of thinking about politics as one might think, but it permeates everything and its influence can be felt even in the most unexpected places. In the ideology of the patient as a hero its influence is more than obvious, as will be seen (Graphs 1, 2, 3 & 4).

Next, an AHC was carried out that served to relate the typology of responses with the position occupied by each individual in the social space based on these 4 axes just described. The following classification in 14 classes was obtained.

Class 1 (C1) (109 elements; 10%), that scores relatively high both in the coordinates +Welfare and Rule-of-law States and Social Right as well as in -Capital of experiencing the disease and Individualism (Graphs 5, 6, 9 & 13). Responses to the original tweet from this group tend to be somewhat less from class 3 (Responses C3, encouragement responses, -7 points) than is the overall distribution, but they are still the most frequent for this class, and they come somewhat less from Spain (-6 points) than those of the overall distribution. These results are in full agreement with what the research hypothesis predicted.

Class 2 (C2) (52 elements; 4,9%), that scores very high in the coordinates of the Social Left and Collectivism, and moderately in the coordinates of -Capital of experiencing the disease and -Welfare and Rule-of-law States (Graphs 5, 6, 10 & 14). Their responses fit these scores and the described characteristics of this set of people, they do not deviate from those of the overall distribution, so the most common responses are encouragement responses (Responses C3). Nor do they deviate from the overall distribution regarding the dimensions of the scales of religiosity or trumpism-antivax-conspiracy theories that could influence responses. The only thing that stands out about this class is its origin, where there is a significant over-representation of the inhabitants of Perú (x5).

Class 3 (C3) (78 elements; 7%), that scores very high in the coordinate -Capital of experiencing the disease (it seems the most extreme class of all in this facet) and quite high in the Social Left, but at the same time it seems to lean more towards Individualism than towards Collectivism, and rather towards the coordinate -Welfare and Rule-of-law States, in which it scores moderately, being almost at the center of the axis defined by the Welfare and Rule-of-law States (Graphs 5, 6, 9 & 13). This could be related to the slight over-representation of the Religious Messages Type I observed among the members of this class, which would go in the same direction as the initial hypothesis pointed out. According to all that has been said so far, the responses in this class are somewhat less of the “sociodicean” type (Responses C6, -6 points), and seem to have been somewhat more conditioned by the Religious Messages Type I (+7 points), and much less by trumpism (-14 points). They also come much less from Spain (-18 points).

Class 4 (C4) (46 elements; 4%), that scores very high in the coordinate -Welfare and Rule-of-law States (perhaps the one that scores the highest), and moderately in the coordinates Social Right (it is not the one that scores higher, but neither does it score low) and -Capital of experiencing the disease; in the Individualism-Collectivism axis it seems to be in an intermediate position between the two extremes (Graphs 5, 6, 9 & 13). Very consistently, the responses of these people are always of a religious nature, as predicted by the initial hypothesis. The most over-represented responses are those of class 4 (Responses C4, x4), or religious response from the faith as a way of coping with the disease; those of class 5 (Responses C5, x2), or religious response to the social disintegration of the sick to provide them with optimism; and those of class 7 (Responses C7, x4), or a religious response of “theodicy” and blessing type that gives meaning to the lives of believers through the example of faith of the sick. Indeed, the analysis of the statistical significances of the local associations between variables in the cells from Fisher’s exact test confirms that these three types of responses are the most significantly associated with this class (Table 1: significance <0,0001 for Responses C4; statistical significance 0.030 for Responses C5; and statistical significance 0.003 for Responses C7; all significant for  $\alpha=0.05$ ). As expected, these responses often come from countries such as Chile (x4), but especially from Venezuela (x5), and also, as was to be expected, the influence of the religious dimension on them, as just described, is very remarkable (x2).

Class 5 (C5) (57 elements; 5,3%), that scores very high in the Social Left coordinate, relatively high in -Welfare and Rule-of-law States (although it is not the one that scores highest in this aspect), and moderately high in the coordinates -Capital of experiencing the disease and

Individualism, where it seems to be located in an intermediate position, right in the middle of the two ends of these two axes (Graphs 5, 6, 8 & 12). The characteristics just described fit very well with the discreet over-representation of the responses of class 3, encouragement responses, that is seen among the members of this class (Responses C3, +9 points), and that also fits very well with the irrelevance which take the religious dimensions in this class. There is also a slight under-representation of the class 6 responses, the “sociodicean” responses (Responses C6, -7 points). Responses in this class have a greater tendency to come from Ecuador (+14 points) and Perú (+13 points), and less from Spain (-8 points) and Venezuela (-18 points).

Class 6 (C6) (68 elements; 6%), that scores quite high in the coordinates -Welfare and Rule-of-law States and Social Right, perhaps the one that scores highest in these two quadrants, and moderately in the axes Capital of experiencing the disease and Philosophies of consciousness, where it is located in an intermediate position between the ends of these two axes (Graphs 5, 6, 7 & 11). In this class there is a certain under-representation of the responses of classes 1 or responses of deep admiration (Responses C1, -9 points), 3 or responses of encouragement (Responses C3, -10 points), and 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points). Generally, these are the responses in which the religious dimensions do not play any prominent role. But, on the other hand, there is an over-representation of the responses of classes 4 or religious responses from the faith (Responses C4, +16 points; the most outstanding over-representation of all and with a significance  $<0.0001$ : Table 1), 5 or religious responses to the social disintegration of the sick (Responses C5, +8 points; significance of 0.020: Table 1), and 9 or religious responses of doxic imposition (Responses C9, +7 points; significance of 0.002: Table 1). The associations indicated between this class and these last three types of responses are significant for  $\alpha=0.05$ . These responses have a tendency to come from Venezuela extraordinarily greater than in the overall distribution (+60 points), and to be much more influenced by the dimensions of religiosity.

Class 7 (C7) (89 elements; 8%), that scores relatively high in the coordinate +Welfare and Rule-of-law States, although it is not the one that scores highest in this aspect. In the axis Philosophies of consciousness, it is located more or less between both extremes without being neither Individualist nor Collectivist. It scores very high in the coordinates Social Left and -Capital of living the disease (Graphs 5, 6, 8 & 12). These scores, as predicted by the initial hypothesis, are very consistent with the type of responses in this class, which are characterized by over-representation of class 3 responses or encouragement responses (Responses C3, +11 points; significance of 0.030, significant for  $\alpha=0.05$ : Table 1) and under-representation of responses of class 5, of a religious nature (Responses C5, -6 points). They come mostly from Spain (+11 points) and very little from Venezuela (-12 points), and the influence of the dimensions of religiosity on them is non-existent.

Class 8 (C8) (58 elements; 5,4%), that scores quite high in the coordinates -Welfare and Rule-of-law States and Social Left, and tends towards Individualism and -Capital of experiencing the disease (Graphs 5, 6, 9 & 13). The responses in this class are characterized by the under-representation of the responses of class 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points) and the over-representation of the responses of class 4 or religious responses from faith (Responses C4, +9 points; significance of 0.020, significant for  $\alpha=0.05$ : Table 1, which also shows that for this class there is also a significant association with another type of religious responses, those of class 10 ritualistic type). These responses tend to come from Ecuador (+7 points) and Venezuela (+10 points), and there is an extremely notable lack of responses from Spain (-29 points). The influence of the religiosity dimensions on these is evident. These scores confirm the initial hypothesis.

Class 9 (C9) (124 elements; 12%), the one that scores the highest in the coordinates +Welfare and Rule-of-law States and Social Right. It scores moderately high in Capital of experiencing the disease, where it is more or less in the middle of the axis, between the two extremes; and it is also located in an intermediate zone of the axis of the Philosophies of consciousness, in a location that is neither Individualist nor Collectivist (Graphs 5, 6, 7 & 11). Responses in this class have a greater tendency than usual to be either class 1 or responses of deep admiration based on the omnipresent exaltation of traits socially attributed to the male sex (Responses C1, +12 points; significance  $<0.0001$ , significant for  $\alpha=0.05$ : Table 1) or class 6 or “anti-anomic” or

“sociodicean” responses (Responses C6, +7 points; significance of 0.028, significant for  $\alpha=0.05$ : Table 1), and to come from Spain (+34 points) instead of Venezuela (-17 points). The influence of the dimensions of religiosity is non-existent. The expected responses, not at all influenced by religious dimensions and completely unreligious, are entirely consistent with what the initial hypothesis predicted for the inhabitants of relatively strong Welfare States such as Spain.

Class 10 (C10) (132 elements; 12%) is the second that scores highest in the coordinates +Welfare and Rule-of-law States and Social Right, where it scores very slightly tilted towards the Social Left. In the Philosophies of Consciousness axis, it is neither Individualist nor Collectivist, and in the dimension Capital of experiencing the disease it leans towards the coordinate +Capital of experiencing the disease, but very slightly, so that it is located in an intermediate zone of this factor (Graphs 5, 6, 8 & 12). This class shows a tendency towards class 3 responses or encouragement responses (Responses C3, +7 points) instead of those from class 4 or religious responses from faith (Responses C4, -6 points). These responses come in a resounding majority from Spain (+36 points) instead of from Venezuela (-17 points), and are characterized by their non-existent influence of religious dimensions. Once again, their responses are fully consistent with these scores and with what the initial hypothesis pointed out.

Class 11 (C11) (67 elements; 6%), that scores very high in the coordinate +Welfare and Rule-of-law States and that seems to be located between Social Right and Social Left poles, very inclined towards the Social Left; and it is the class that scores the highest in the coordinate +Capital of experiencing the disease. As for the Philosophies of consciousness axis, it is situated between Individualism and Collectivism, but slightly inclined towards Individualism (Graphs 5, 6, 10 & 14). Responses in this class come overwhelmingly from Spain (+34 points) rather than from Venezuela (-18 points). They are especially characterized by being responses of class 8 or responses of solidarity with the patient and the disease from people close to patients with ALS or other diseases (Responses C8, significance of 0.031, significant for  $\alpha=0.05$ : Table 1), and by the absolute lack of influence of the dimensions of religiosity. Again, their responses are in full agreement with these scores and confirm the validity of the initial hypothesis. Especially noteworthy for this class is its tendency to Individualism, which deserves to be examined in greater detail.

Class 12 (C12) (75 elements; 7%), that scores moderately high in the coordinate +Welfare and Rule-of-law States, very high in the Social Left coordinate, and quite high also in the coordinates -Capital of experiencing the disease and Individualism (Graphs 5, 6, 7 & 11). Responses in this class tend to be more of class 6 or “anti-anomic” or “sociodicean” responses (Responses C6, +12 points; significance of 0.003, significant for  $\alpha=0.05$ : Table 1) instead of class 4 or religious responses from faith (Responses C4, -7 points). They come in a resounding majority from Spain (+25 points) instead of from Venezuela (-14 points). The influence of the religiosity dimensions on these is null. Their responses fully agree with these scores and, again, prove the validity of the initial hypothesis.

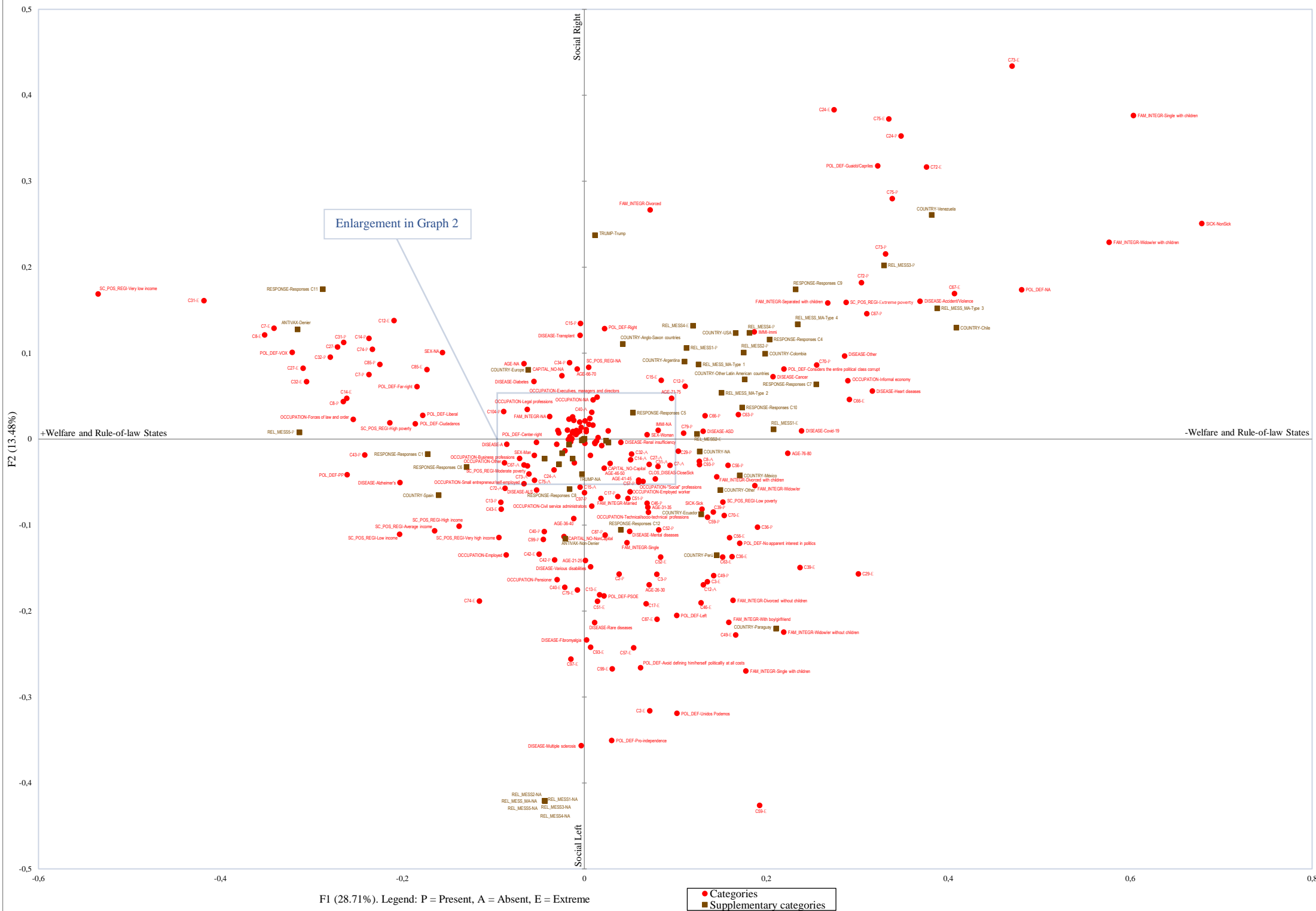
Class 13 (C13) (40 elements; 3,8%), that scores moderately high in the coordinate +Welfare and Rule-of-law States: despite not being the one that scores the highest, it does not lean, far from it, towards the pole -Welfare and Rule-of-law States. It also scores very high in the Social Left coordinate. Regarding the axis Capital of experiencing the disease, it can be said that this is a very dispersed class in the social space, and that it covers a very wide range of positions, with a considerable number of individuals concentrated in the pole -Capital of experiencing the disease, but with another group of people less numerous and much more dispersed that tends towards the pole +Capital of experiencing the disease. But in all cases, they seem to be situated between Individualism and Collectivism without being neither one nor the other (Graphs 5, 6, 7 & 11). The responses in this class follow the same distribution as the overall sample, with a predominance of those of class 1 or responses of deep admiration, those of class 2 or responses of deep gratitude, those of class 3 or responses of encouragement, or those of class 6 or “anti-anomic” or “sociodicean” responses; which gather, the four together, 86% of the total responses. They usually come from Chile (x3), México ( $\approx$ x2), and, above all, from Spain (85%), and in this they do not differ at all from the overall distribution. The influence of the dimensions of religiosity on these responses is again null. As has been observed, the responses of these people, far removed



from responses of a religious nature, are, once again, fully consistent with these class scores within the social space constructed from the 4 dimensions considered.

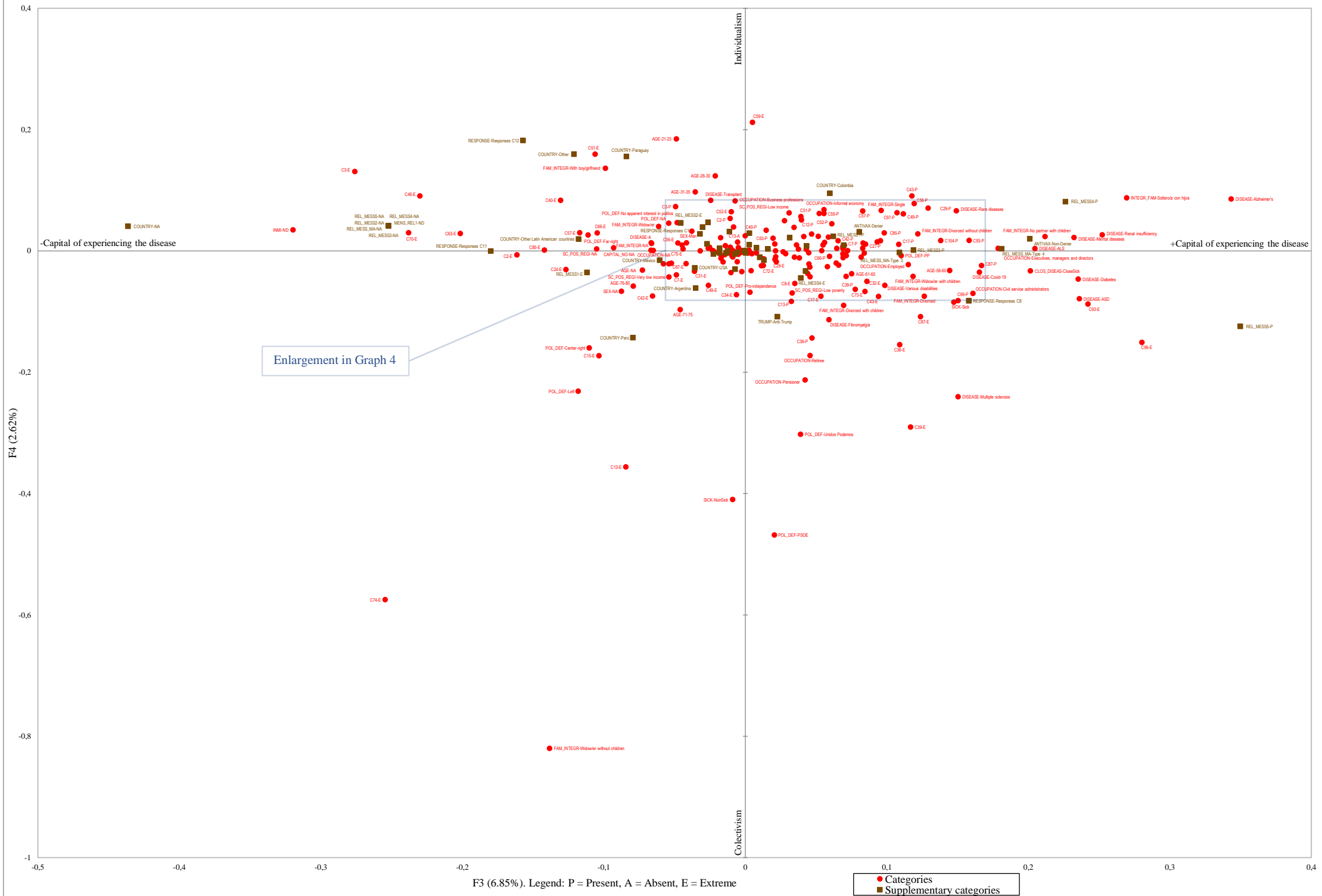
Class 14 (C14) (73 elements; 7%) is the one that scores the highest, by far, in the -Welfare and Rule-of-law States coordinate and also scores very high in the Social Right coordinate. It tends towards the coordinate +Capital of experiencing the disease, where it also scores relatively high, and in relation to the Philosophies of consciousness, it is situated in an intermediate position between the two extremes of the axis without being neither Individualist nor Collectivist (Graphs 5, 6, 8 & 12). This class stands out for the over-representation of class 7 responses or “theodicy” type religious responses (Responses C7, +10 points; significance of 0.01, significant for  $\alpha=0.05$ : Table 1) and the under-representation of those of classes 1 or responses of deep admiration (Responses C1, -7 points) and 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points). Most of them come from Venezuela (+49 points) and some from Chile (+6 points) instead of from Spain (-57 points). The influence of the religiosity dimensions is overwhelmingly high. As has been verified, the most outstanding type of responses, of a religious nature, fits perfectly with these scores, once again giving validity to the initial hypothesis.

Graph 1. Axes F1 (Welfare and Rule-of-law States) & F2 (Position in social space, Social Right-Social Left axis): 42.19%



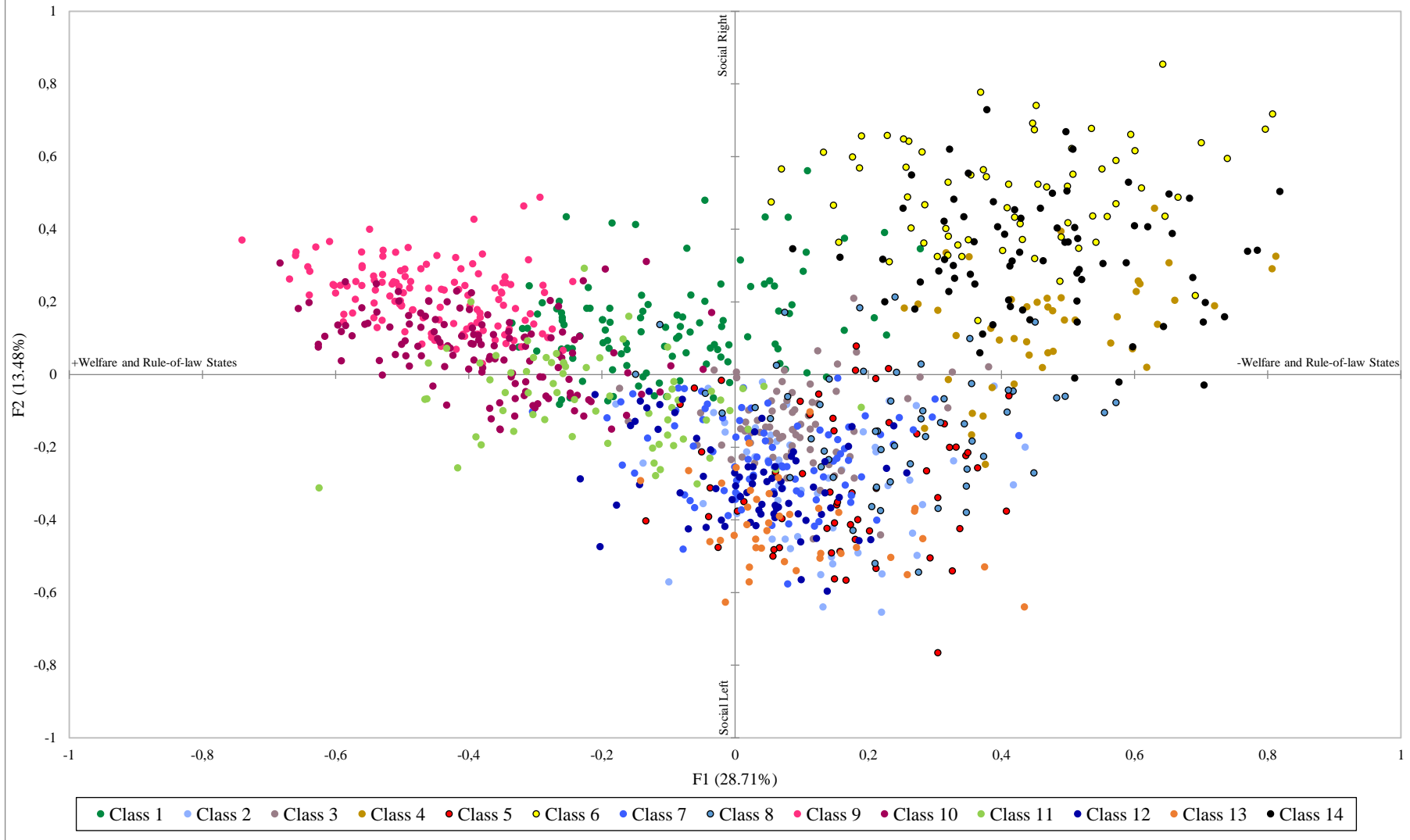


Graph 3. Axes F3 (Capital of experiencing the disease) & F4 (Philosophies of consciousness, Individualism-Collectivism axis): 9.46%

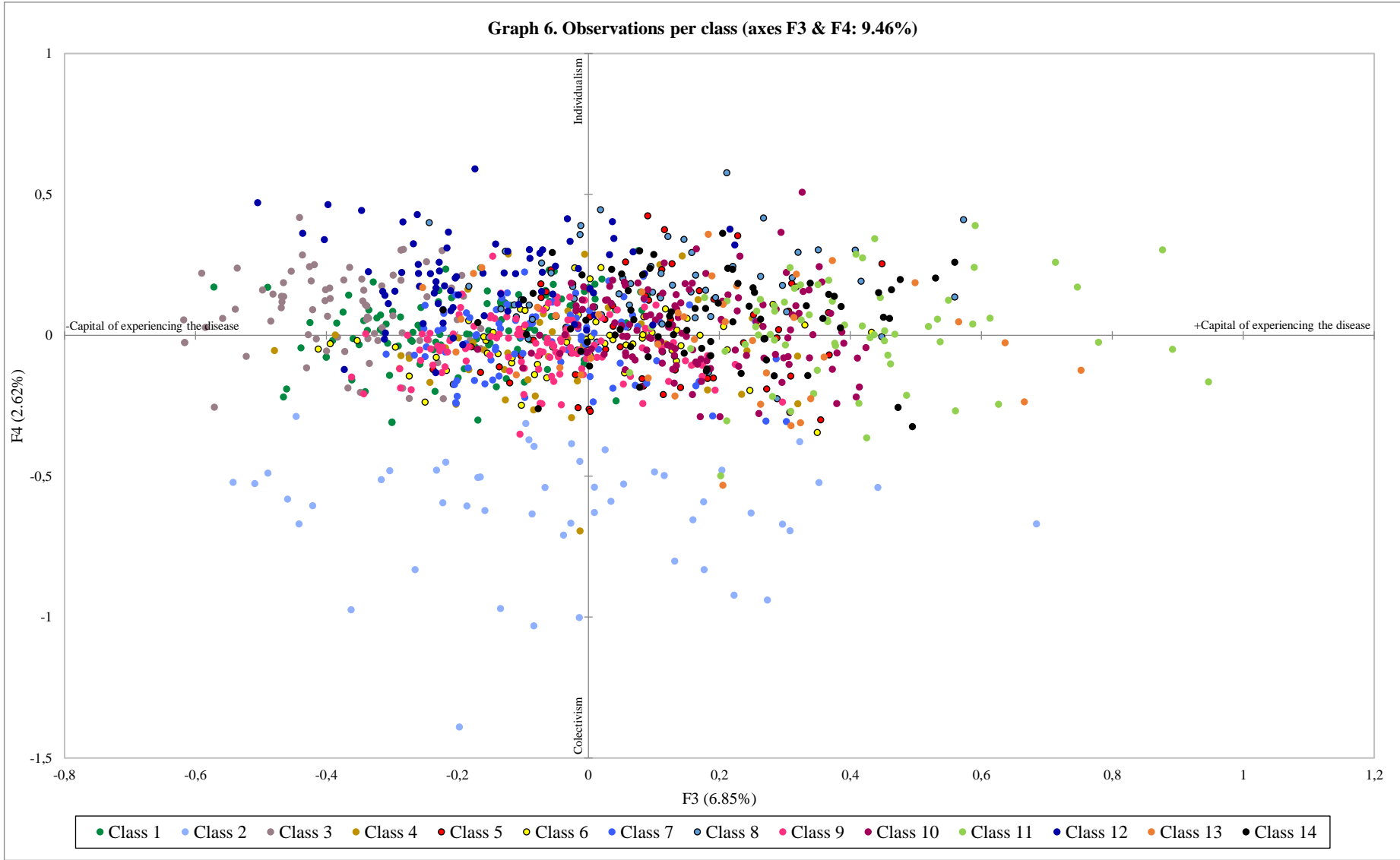




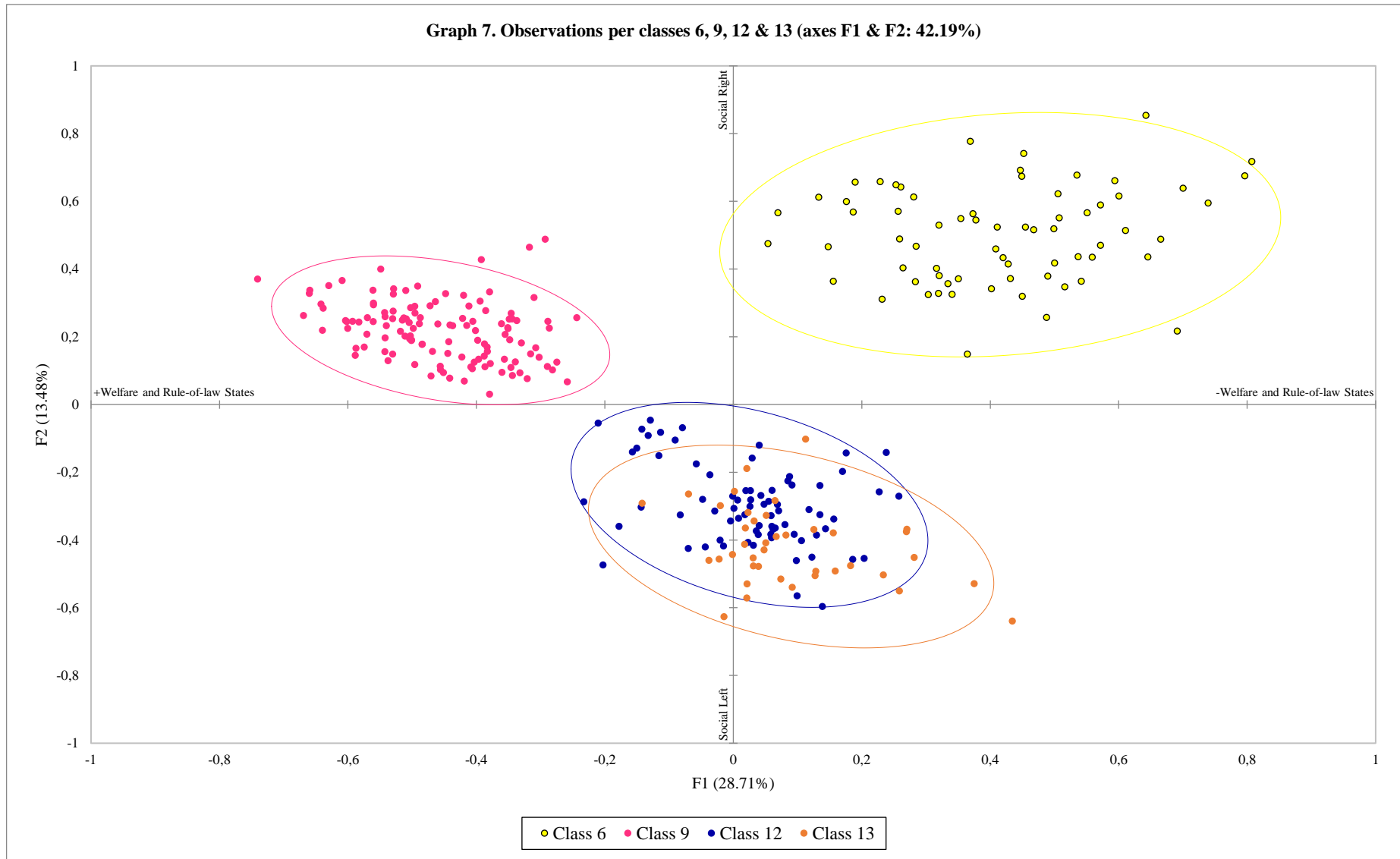
Graph 5. Observations per class (axes F1 & F2: 42.19%)



Graph 6. Observations per class (axes F3 & F4: 9.46%)

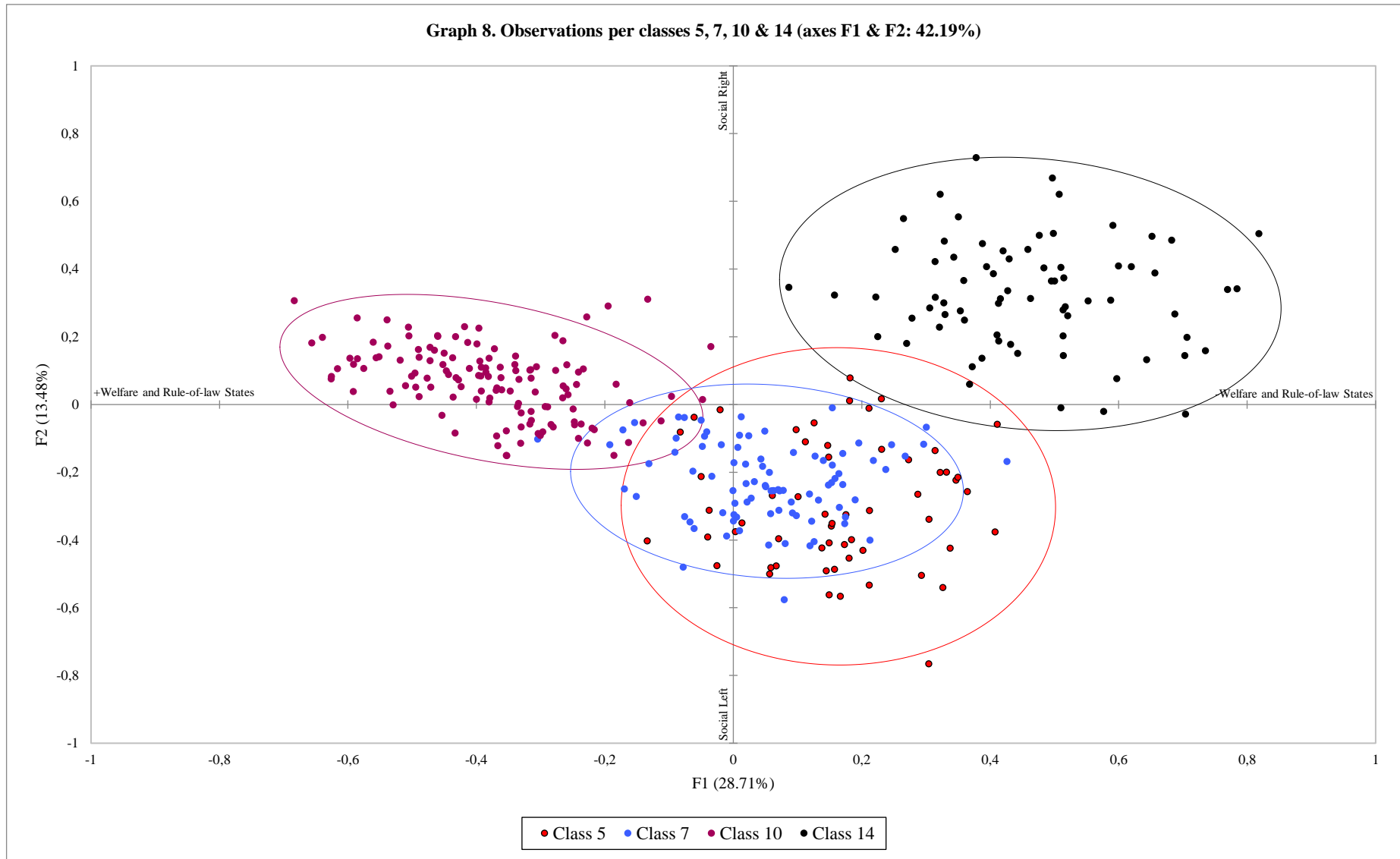


Graph 7. Observations per classes 6, 9, 12 & 13 (axes F1 & F2: 42.19%)

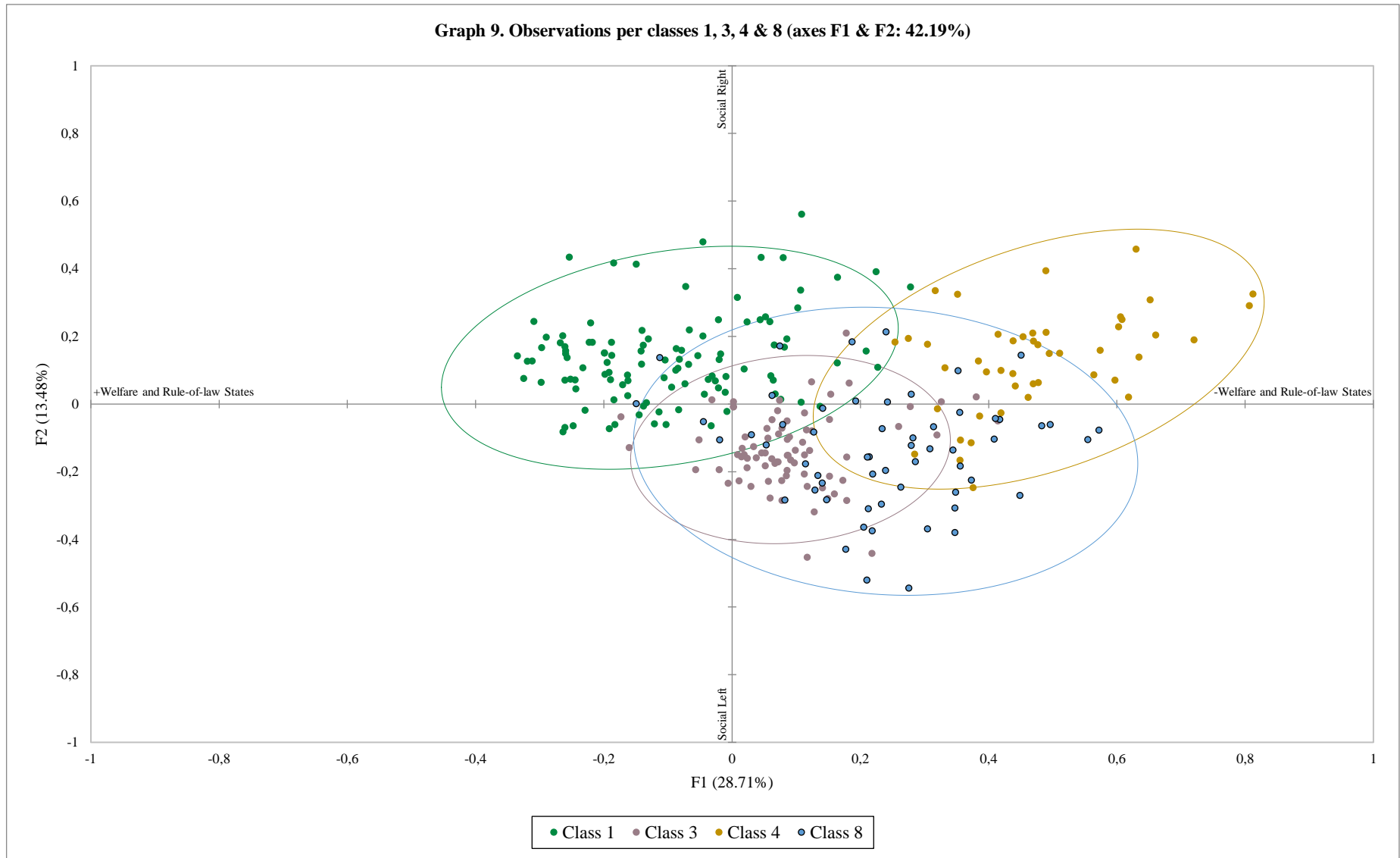




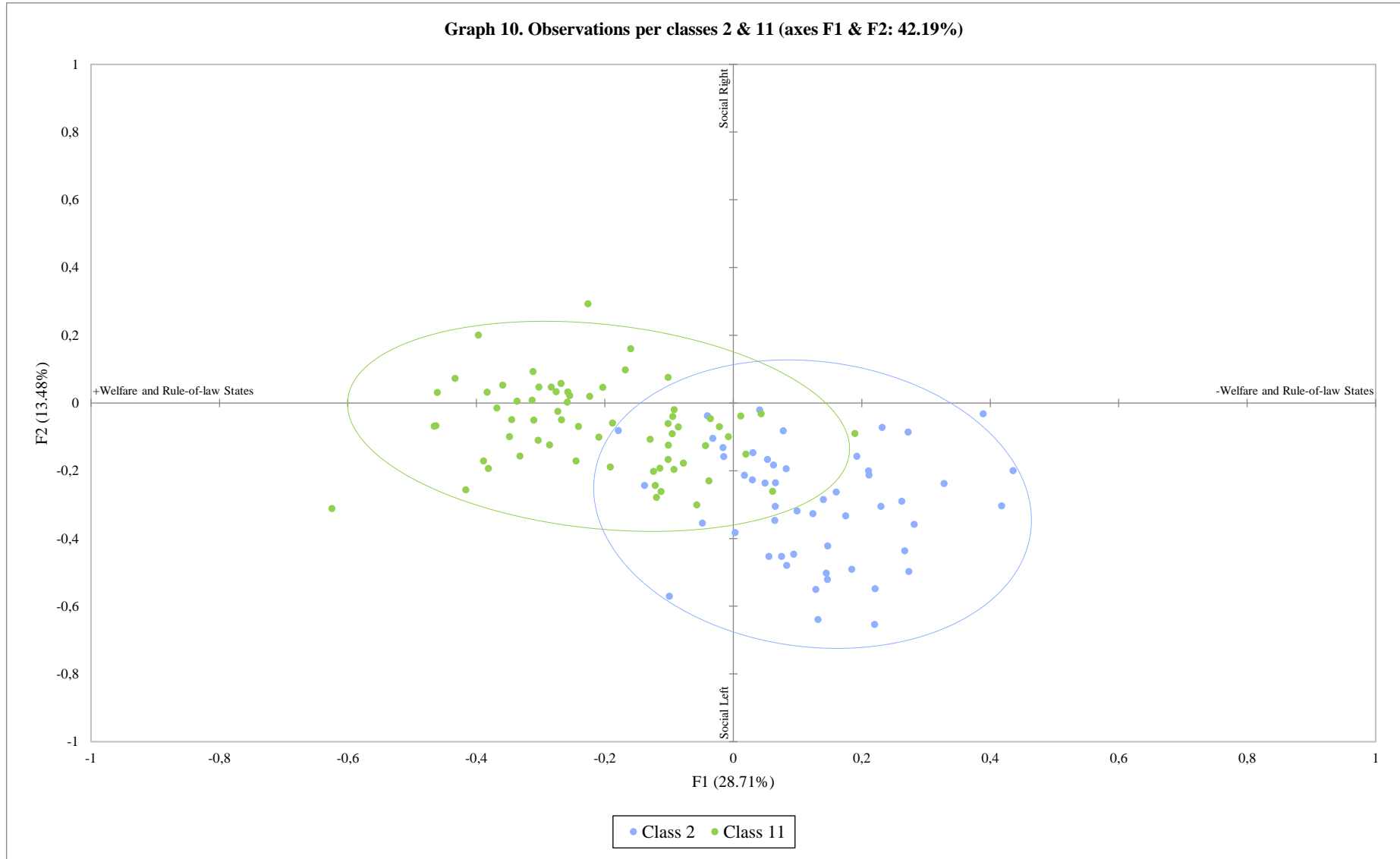
Graph 8. Observations per classes 5, 7, 10 & 14 (axes F1 & F2: 42.19%)



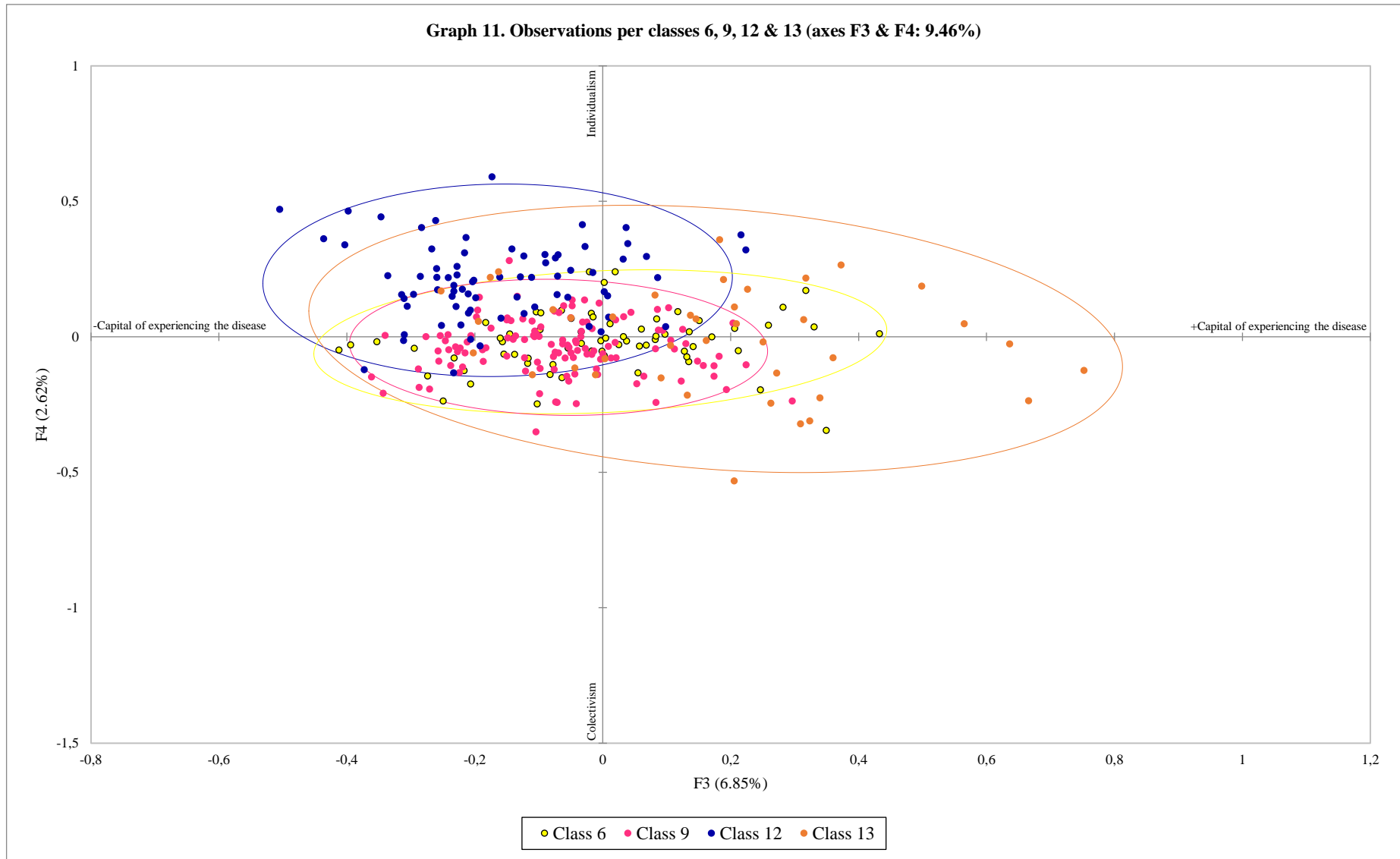
Graph 9. Observations per classes 1, 3, 4 & 8 (axes F1 & F2: 42.19%)



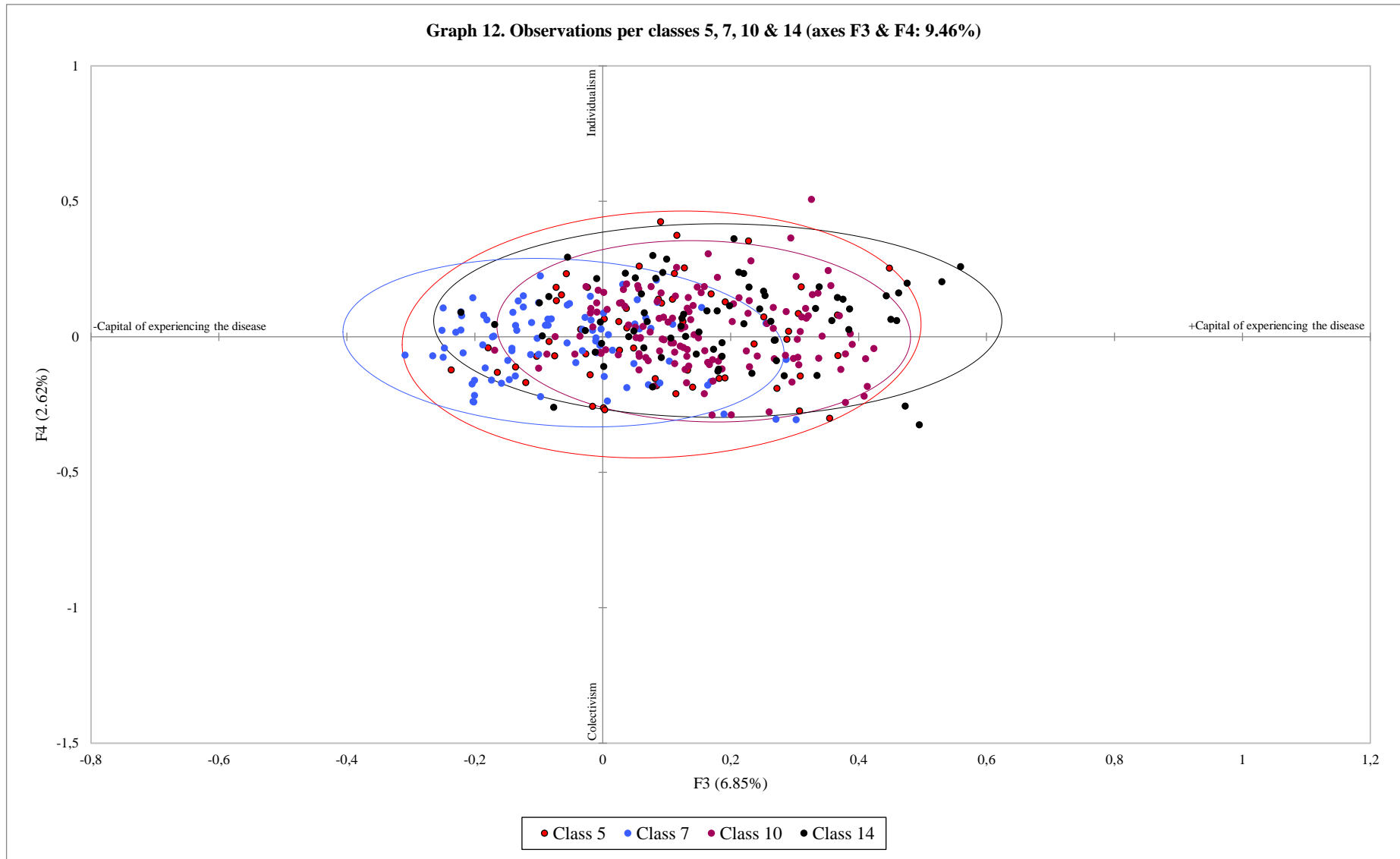
Graph 10. Observations per classes 2 & 11 (axes F1 & F2: 42.19%)



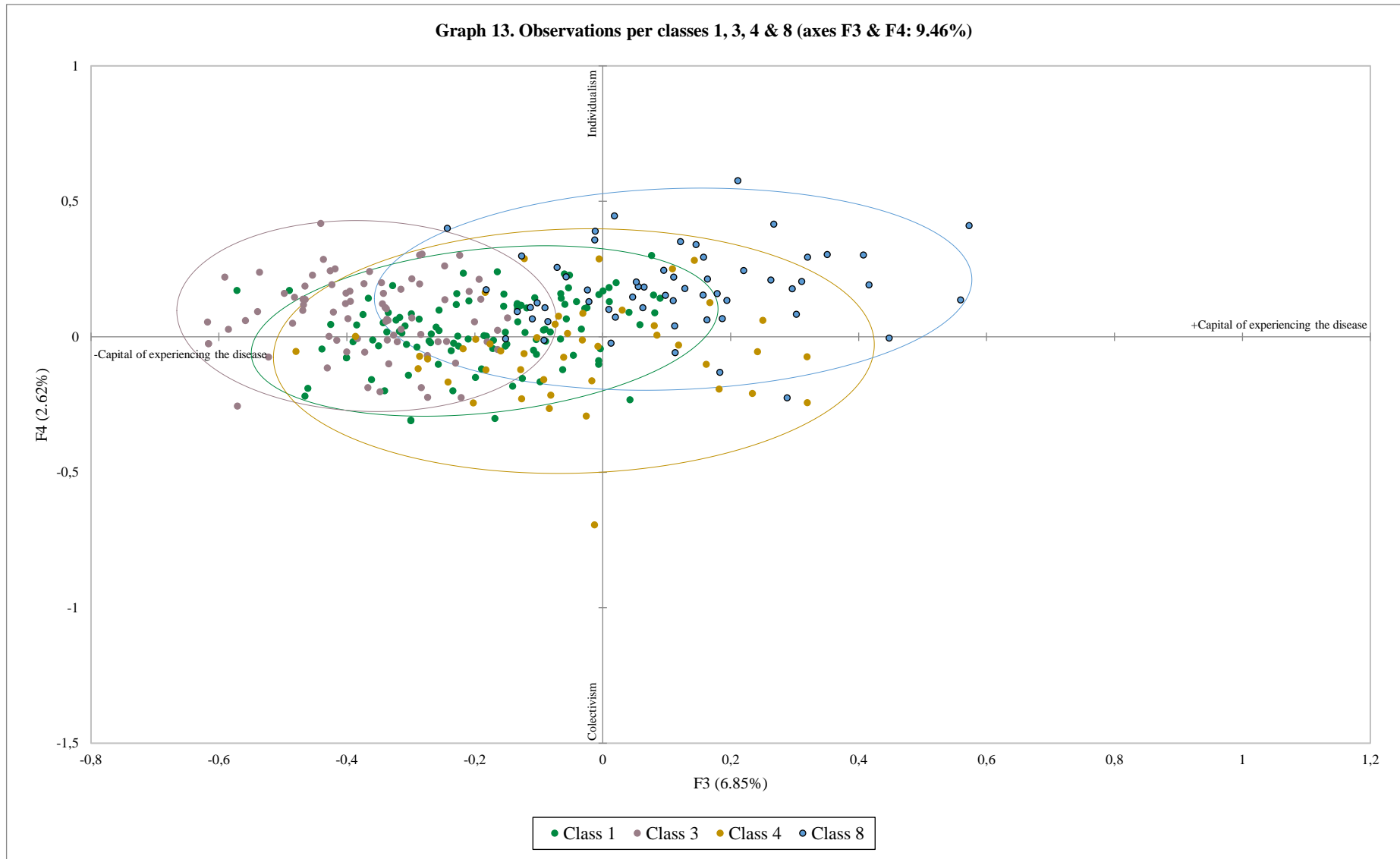
Graph 11. Observations per classes 6, 9, 12 & 13 (axes F3 & F4: 9.46%)



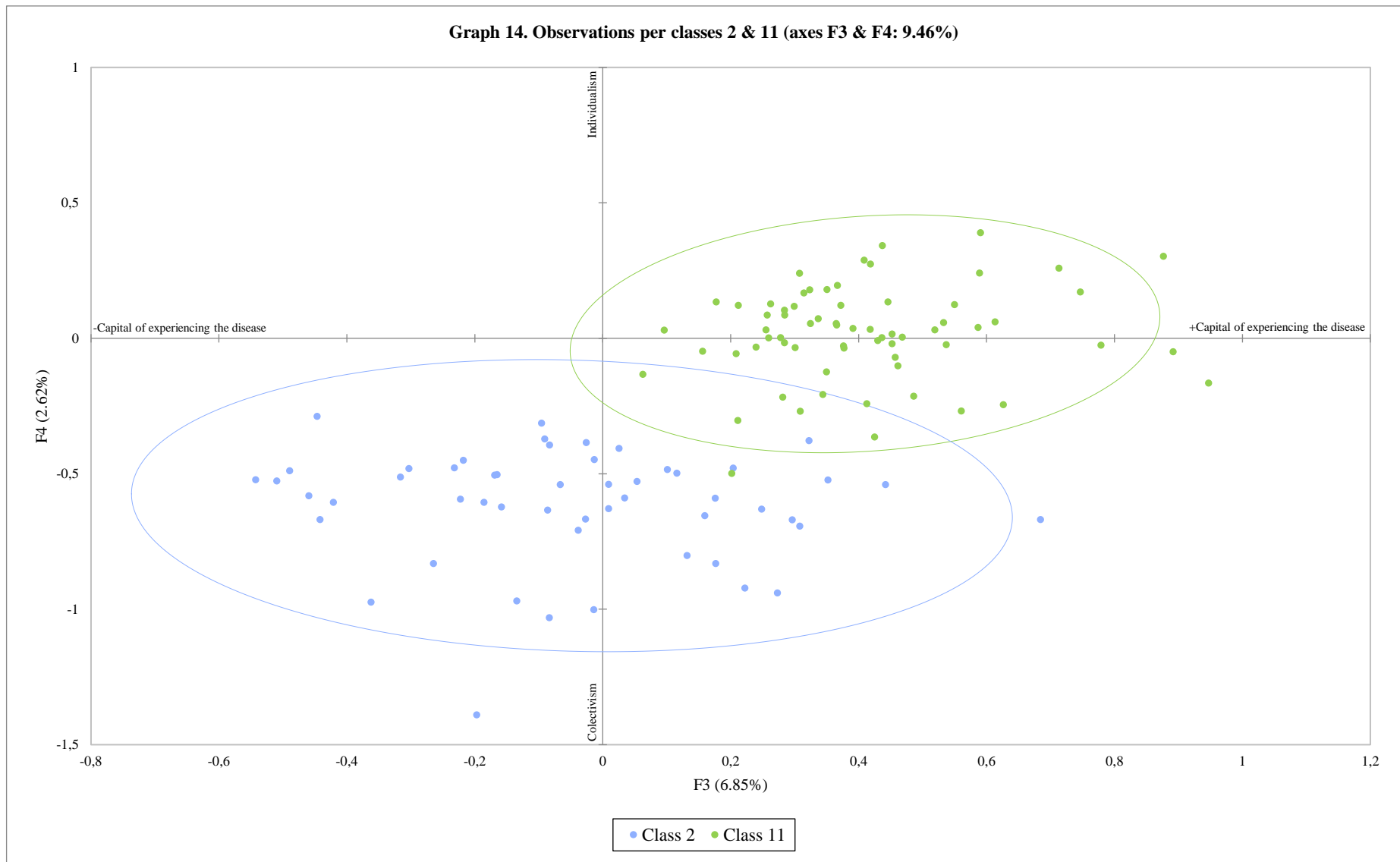
Graph 12. Observations per classes 5, 7, 10 & 14 (axes F3 & F4: 9.46%)



Graph 13. Observations per classes 1, 3, 4 & 8 (axes F3 & F4: 9.46%)



Graph 14. Observations per classes 2 & 11 (axes F3 & F4: 9.46%)



Type of response	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	TOTALS
<b>ResponseC1</b>	F	13	7	0	8	8	27	14	27	14	8	9	20	7	107
	%	11.9%	9.8%	8.9%	0.0%	14.0%	1.4%	7.8%	5.1%	21.7%	10.6%	11.9%	12.0%	7.5%	10.0%
	Significance (Fisher)	0.500	1.000	1.000	0.011 (a)	0.264	0.011 (a)	0.382	0.264	<0.0001	0.758	0.532	0.549	0.790	0.026 (b)
<b>ResponseC2</b>	F	8	7	8	0	4	8	13	5	13	18	7	11	6	115
	%	7.34%	13.46%	10.26%	0.00%	7.02%	11.76%	14.61%	8.62%	10.48%	13.64%	10.45%	14.67%	15.00%	9.59%
	Significance (Fisher)	0.257	0.492	1.000	0.007 (a)	0.508	0.690	0.214	0.827	1.000	0.292	1.000	0.248	0.430	0.847
<b>ResponseC3</b>	F	34	23	30	10	27	19	44	19	49	59	22	25	20	410
	%	31.9%	44.2%	38.46%	21.74%	47.37%	27.94%	49.44%	32.6%	39.52%	44.70%	33.84%	33.3%	30.0%	39.7%
	Significance (Fisher)	0.119	0.383	1.000	0.019 (b)	0.163	0.072	0.590	0.407	0.844	0.126	0.356	0.900	0.157	0.804
<b>ResponseC4</b>	F	8	2	8	13	2	16	7	10	4	3	3	1	1	85
	%	7.34%	3.85%	10.26%	28.26%	3.51%	23.53%	7.87%	17.24%	3.23%	2.27%	4.48%	1.33%	2.5%	7.96%
	Significance (Fisher)	1.000	0.426	0.389	<0.0001	0.311	<0.0001	1.000	0.020	0.034 (b)	0.006 (b)	0.356	0.024 (b)	0.263	0.508
<b>ResponseC5</b>	F	6	2	6	7	4	10	1	5	1	8	5	1	6	72
	%	5.50%	3.85%	7.69%	15.22%	7.02%	14.71%	1.12%	8.62%	0.81%	7.58%	11.94%	6.67%	7.50%	8.22%
	Significance (Fisher)	0.691	0.572	0.642	0.030	0.790	0.020	0.025 (b)	0.585	0.002 (b)	0.710	0.123	1.000	0.514	0.626
<b>ResponseC6</b>	F	18	8	5	5	2	2	7	2	23	22	10	18	5	130
	%	16.51%	15.38%	6.41%	10.87%	5.26%	2.94%	7.87%	3.45%	18.55%	16.67%	14.93%	24.00%	12.50%	12.17%
	Significance (Fisher)	0.163	0.511	1.000	0.141	0.012 (b)	0.023	0.037 (b)	0.028	0.028	0.116	0.443	0.003	1.000	0.008 (b)
<b>ResponseC7</b>	F	9	2	6	7	4	1	1	4	0	0	0	2	2	48
	%	8.26%	3.85%	7.69%	15.22%	7.02%	1.47%	1.12%	6.90%	0.00%	0.00%	0.00%	2.67%	5.00%	13.70%
	Significance (Fisher)	0.053	1.000	0.155	0.003	0.318	0.359	0.174	0.325	0.004 (a)	0.003 (a)	0.068	0.573	0.700	0.001
<b>ResponseC8</b>	F	2	1	1	1	1	3	4	2	6	4	6	2	2	39
	%	1.83%	5.77%	1.28%	2.17%	1.75%	4.41%	4.49%	3.45%	4.84%	3.03%	8.96%	2.67%	5.00%	2.74%
	Significance (Fisher)	0.420	0.432	0.355	1.000	0.718	0.733	0.559	1.000	0.443	1.000	0.031	1.000	0.654	1.000
<b>ResponseC9</b>	F	6	0	2	2	2	7	3	3	0	1	0	1	0	31
	%	5.50%	0.00%	2.56%	4.35%	3.51%	10.29%	3.37%	5.17%	0.00%	0.76%	0.00%	1.33%	0.00%	5.48%
	Significance (Fisher)	0.121	0.396	1.000	0.390	0.679	0.002	0.739	0.234	0.041 (a)	0.164	0.254	0.719	0.626	0.156
<b>ResponseC10</b>	F	1	0	0	0	0	0	0	0	0	0	0	0	0	23
	%	2.78%	0.00%	3.85%	2.17%	1.75%	1.47%	2.25%	6.90%	0.00%	0.76%	2.99%	1.33%	0.00%	5.48%
	Significance (Fisher)	0.723	0.623	0.233	1.000	1.000	1.000	1.000	0.032	0.098	0.345	0.651	1.000	1.000	0.006
<b>ResponseC11</b>	F	1	0	0	0	0	0	0	0	1	0	0	0	0	2
	%	0.92%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.81%	0.00%	0.00%	0.00%	0.00%	0.19%
	Significance (Fisher)	0.194	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.219	1.000	1.000	1.000	1.000	1.000
<b>ResponseC12</b>	F	1	0	2	0	0	0	0	0	0	0	1	0	0	6
	%	0.92%	0.00%	2.56%	0.00%	1.75%	0.00%	0.00%	1.72%	0.00%	1.49%	0.00%	0.00%	0.00%	0.56%
	Significance (Fisher)	0.477	1.000	0.065	1.000	0.281	1.000	1.000	0.285	1.000	1.000	0.323	1.000	1.000	1.000
<b>TOTALS</b>		109	52	78	46	57	68	89	58	124	132	67	75	40	73
															1,068 (100%)

(a) However significant the association established in this cell is, it cannot be highlighted because there are 0 cases in this cell.

(b) It does not seem very advisable to highlight this association as significant because the proportion corresponding to the number of cases is lower than the average proportion. Apparently, this statistic is rather reflecting an under-representation.

Table 1. Measures of local association, significances per cell with Fisher's exact test —marked in red if they are significant for  $\alpha=0.05$ — between the class (C#) and the type of responses.

#### 4. Discussion

The results obtained clearly show that the initial hypothesis is definitively validated for the purposes of this specific research and within the context of the analyzed database: in social contexts with relatively strong Welfare and Rule-of-law States, the discourses or ideologies of the patient as a hero are the dominant ones, while in social contexts with weaker or non-existent Welfare and Rule-of-law States, the agents entrust themselves to God to help them protect their health or heal themselves, since the place of non-existent health providence States is taken symbolically, instead, by more or less institutionalized religion. This finding seems to go in the same direction as what other researchers have pointed out, who have shown how this type of discourse usually appears in the case of similar social contexts or patients originating from these social environments (Colmenares-Roa et al., 2022; Coreil et al., 2012; Flores-Flores et al., 2020; Imchen, 2021).

On the other hand, the results obtained reveal another aspect. Many of the works reviewed in the first section focused on cancer patients, a legitimate disease (Bock, 2013; Coll-Planas & Visa, 2016; Coreil et al., 2012; Ho et al., 2013; Imchen, 2021; Jones et al., 2018; Laranjeira, 2013; Pitts, 2004; Segal, 2007; Staneva et al., 2018). Also, the vast majority of diseases most mentioned by Twitter users analyzed in this research were legitimate diseases (Alzheimer's, heart diseases, covid-19, diabetes, various disabilities, ALS, multiple sclerosis, renal insufficiency, mental diseases that during the pandemic have gained greater legitimacy, rare diseases, or ASD). Among all of them, cancer achieved a special status: in the MCA that was carried out, the test value associated with this category was the only one among those of all the diseases mentioned that was significant for  $\alpha=0.05$ . Both this more systematic data and the fact that the usual narratives of the disease revolve around cancer patients are perhaps telling us that the origin of these narratives for some and ideologies for others must be found in this disease. In fact, other ongoing research by the author already makes it possible to provisionally know that, among a list of 234 diseases in Western contexts, cancer is the one that has the most visibility of all in the scientific field, in the media meta-field, and in the social space in the period 2008-2021.

As is well known, throughout the second half of the 20th century and especially during this 21st century, the progressive spread of effective treatments against cancer has been taking place in Western countries (Allemani et al., 2018) fostered by a greater public investment that has meant a longer life expectancy for those who suffered from this disease (European Cancer Congress, 2013; Philipson et al., 2012), so that an aggregate survival rate for all patients has been obtained higher than 55% (in 2020 in Spain it was 55.3% for men and 61.7% for women) (Sociedad Española de Oncología Médica, 2020:28). As expected, the progressive investment in cancer research and the consequent generalization of effective treatments during the last 50 years (National Cancer Institute, 2022) has been symbolically reflected at the discursive level in such a



way that what it was at a specific moment a discourse about cancer based on the concealment and social denial of the disease and all the effects of negative symbolic capital that it caused, fundamentally because the majority of cancer patients died, has now become a triumphant discourse in which the protagonist is the cancer patient who is cured and is seen as a hero. Apparently, this discourse, which in no way can be extended to other diseases because many have no cure and most do not enjoy research funds comparable to those allocated to cancer (the US allocated 7,362 million dollars in 2021 to cancer research) (National Institutes of Health, 2022) nor have they reached effective treatments, it has been symbolically imposed when talking about any other disease. So, the discourse on cancer has become the model in which all other diseases and patients have been reflected in producing an ideology about them and the relevant social images of patients. But this is a discussion that should be opened because with the data provided by this study this cannot be categorically affirmed or ruled out.

But what this research does provide relatively solid indications of is the fact that there would be a lot of pressure on patients in order to accept these discourses socially as true, whatever the illness they suffered. And apparently this symbolic violence (Gimeno Torrent, 2022) would act in a very specific sense. One of the classes obtained from the MCA and AHC's of the social space is Class 11. This is the class that scores the most in the coordinate +Capital of experiencing the disease. It is the class made up of people who are extraordinarily close to patients (+30 points), with the greatest overrepresentation of patients and rare diseases (+6 points respectively), and especially ALS (+27 points), and with far fewer people who allude to no disease (-44 points). This is, therefore, the class that has the highest proportion of sick people and relatives of sick people among its ranks, overwhelmingly from Spain (+34 points). The fact is that among the members of this class there are many indicators that indicate the internalization of perception, appreciation, evaluation and action schemes closely related to what has been called here philosophies of consciousness: the important presence of moralizing messages, ethical precepts, lessons on how to live, setting an example (+17 points), messages centered on the individual, motivational and self-overcoming content, positive psychology (+12 points), and an extreme presence of what is called the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (+25 points). All of these are more than obvious indications of this entire series of individualistic ideologies and attitudes that are socially imposed on patients as if they were the remedy for their illnesses and that constitute what in this article has been called the imposition of heroic discourse. These results seem to go in the same direction as what other researchers point out for similar social contexts (Vassilev et al., 2017). But, on the other hand, they are also direct indications of the most absolute atomization, social disintegration, and institutionalized un-care in which both patients and their families live, abandoned to their fate by some "Welfare" States that consider many sick people as totally expendable and many diseases as absolutely unworthy of the slightest attention from public authorities: it is no coincidence that the responses most associated with this class are those responses of solidarity with the patient and the disease of people close to patients with ALS or other diseases (Responses C8, significance of 0.031, significant for  $\alpha=0.05$ : Table 1). And that due to their omission of action before the worst positioned in the social structure, they suppose the emergence, in cases like this Class 11, of phenomena that are a complete perversion of what authentic Welfare and Rule-of-law States should be: totally phantasmagorical discourses and ideologies such as that of the patient as the hero of an individualism as exacerbated as the one just mentioned, which are imposed on them, and which are nothing more than the verification, based on an adjustment between the objective chances and the subjective expectations (Bourdieu, 2000a:216-218), of the resignation of some State political leaders to the mission that their citizens entrusted to them and that they leave in the hands of some sick people without any hope or recourse: that of looking after their health. Discourses and ideologies that are nothing more than the reverse of entrusting oneself to God that we have seen in this research for the citizens of weaker Welfare States, but, on this occasion, in our Western societies that think they are so advanced and that, certainly, they do not seek as much for the well-being of the worst socially positioned as they believe and want us to believe.

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## METHODOLOGICAL, STATISTICAL, AND RESULTS ANNEXES

FROM THE ARTICLE “THE HEROES OF ALS: THE SOCIAL STRUCTURE OF THE TRIUMPHALIST DISCOURSES OF OVERCOMING AND CELEBRATING A PATIENT AND LEGITIMIZING A DISEASE. A COMPARATIVE SOCIOLOGY OF AN IDEOLOGY OF THE PATIENT AS A HERO”

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## Annex 1: The original database and its research issues

The original database, as extracted from the Twitter API using a tweet extraction Java program written by Marc Gómez Gil, consisted of an array of 1,252 records (each of the replies to the original tweet from each user) by two variables (the name of the responding Twitter user, and their response). The composition of this database was as follows:

<b>Table 1. Types of observations</b>		<b>F (*)</b>	<b>%</b>
	<b>Included</b>	1,175	94
	<b>Not included 1: no text, only artwork, photos, gifs, emoticons, etc. Not analyzable</b>	72	6
	<b>Not included 2: repeated but slightly modified content (change of word order in the sentence)</b>	1	0
	<b>Not included 3: mistaken response; the user was not directing the content to the original tweet but to another</b>	3	0
	<b>Not included 4: incomprehensible response</b>	1	0
	<b>TOTALS</b>	1,252	100

(\*): F: Absolute frequency

As can be seen, from the total of these 1,252 observations, 1,175 were valid and 77 were not. And, from the 1,175 valid observations, 17 corresponded to users who had responded twice; so that only 17 of their 34 responses could be counted—the complementary response was added to their first response, forming a single record—, since the unit of observation in this research is the individual (although the unit of analysis is the relationships established in the social space). So, the actual number of records was 1,158 (1,175-17). These 1,158 records obtained from this first cleaning of the database are the ones used to analyze the responses (Annex 2).

But from these 1,158 records, 62 corresponded to people whose usernames and responses could not be associated with any “handler” (this is the name given to the identifier of the Twitter user account), so that these records also had to be cleaned for the final phase of the analysis (although, as just mentioned, these 1,158 responses were analyzed, as outlined in Annex 2), since, as they were not identified, it was impossible for these people to obtain information on the 122 original variables that were constructed and that were used to classify each of the individuals in the database.

This makes a total of 1,096 records (1,158-62), which were obtained in this second phase of cleaning the database, but these were not the total number of records submitted to the final phase of the analysis either, because there were other issues that affected to some of these records. Thus,

<b>Table 2. Research issues</b>		<b>F</b>	<b>%</b>
	<b>Empty account or with insufficient tweets</b>	11	1
	<b>Non-existent account</b>	2	0
	<b>Protected account</b>	6	1
	<b>Suspended account</b>	5	0
	<b>Available account</b>	1,068	97
	<b>Non-available account</b>	4	0
	<b>TOTALS</b>	1,096	100

Therefore, as can be seen in this table, the final number of valid records was 1,068. These are the 1,068 records resulting from the third cleaning of the database that were analyzed in the final phase of the research and for which the 122 required variables were obtained (Annex 3).

\*\*\*

The adoption of the type of materials analyzed and the type of methodological approach used, the documentary analysis of the responses to a tweet, are determined by the objective of the research, the study of the discourses produced around the image of the patient as a hero, a very sensitive and socially connoted issue, and, what is more important, which is very easily influenced, both positively and negatively. Since it is difficult to imagine that could be possible for the researcher to incite certain informants to produce these discourses without this fact

contaminating the very produced discourses, especially in sensitive issues like this, the only available alternative has been to analyze these discourses more or less with regard to this subject without for the investigator to intervene; that is, once these discourses have been produced, as if it were “an uncontrolled, but observed, social situation” in the manner of Merton, Fiske and Kendall (Merton et al., 1990:3). This non-finalist approach to the research materials, which have not been produced by the researcher, nor with his intervention, nor for purposes of verification of the model, nor for any other type of scientific purpose, implies that the verification process has consisted of in confronting an analytical model with a coherent system of facts, or a corpus of data built *from* the hypotheses, not *for* the hypotheses, which prevents the mere and simple verification of a hypothesis that explains a very small part of the *variance* of a phenomenon but that is nevertheless adduced as a proof of the validity of a model, something that is usually very common in science, beyond the existence of more global models that explain a greater proportion of the *variance* of a phenomenon (Bourdieu, 1991:5). Aspects such as opting for an analytical model with a large number of variables (63) or the decision to consider as supplementary variables all those response indicators or religious dimensions so that these variables that would traditionally be considered dependent do not contaminate the explanatory axes, so that it was only later possible to verify the causal relationships between them, they are only two facets that illustrate the commitment to this non-interventionist indirect approach (or *ex post facto*) towards the system of constructed facts.

## Annex 2: Analysis of the responses

Annex 2.1: Variables in the analysis (total cases: 1,158 observations; no missing values)

Variable	Description-coding of the significance-meaning units	Labels
S1	ADMIRATION, respect, recognition, affection, esteem, approval	Present, Absent
S2	EXAMPLE, referent, idol, exceptional-unique person, from a different level, outstanding person, special person	Present, Absent
S3	PRAISE OF MASCULINITY or traits-attributes associated with “the masculine”	Present, Absent
S4	OVERCOMING, heroism, hero, strength, integrity, courage, perseverance, resilience, will, vitality, courage, inner strength, you are a champion, you are a fighter, you are brave, you are a titan, you are a warrior	Present, Absent
S5	OPTIMISM, positivity, attitude, greatness of spirit, positive-motivational character-attitude, desire to live, encouragement, hope, morale, enthusiasm, self-esteem, energy, “a being of light,” smiling	Present, Absent
S6	IF YOU HAVE A POSITIVE MIND, THE BODY WITHSTAND ANYTHING, the mind is powerful	Present, Absent
S7	WHERE THERE’S A WILL, THERE’S A WAY	Present, Absent
S8	CHEER UP!	Present, Absent
S9	YOU WILL GET BY	Present, Absent
S10	LIFE IS WONDERFUL	Present, Absent
S11	IT CAN HAPPEN TO ALL OF US, NOBODY IS FREE	Present, Absent
S12	HAVE GOOD LUCK	Present, Absent
S13	ILLNESS AS AN OPPORTUNITY TO “GAIN GOOD THINGS,” “OBTAIN A LIFE LESSON,” “EVERY CLOUD HAS A SILVER LINING”	Present, Absent
S14	WE COMPLAIN ABOUT SILLY THINGS	Present, Absent
S15	A LIFE LESSON, we have a lot to learn from you, you give us a life lesson, you are an inspiration, “thank you for telling/sharing your story,” “legacy”	Present, Absent
S16	THANKS for what you make me feel, for existing, I like reading you, you excite me, you give me strength	Present, Absent
S17	YOU GIVE US HOPE, JOY, STRENGTH, you lift people’s spirits	Present, Absent
S18	COMMON UNIVERS OF DISCOURSE AND MEANING, SOCIODICES, LAY WORLDVIEWS ON THE MEANING OF LIFE AND THE EVILS OF OUR SOCIETY AND ITS DESTINY AND THE ETERNAL “CRISIS OF VALUES”: YOU GIVE MEANING TO THE LIFE OF NON-BELIEVERS	Present, Absent
S19	SOCIAL DISINTEGRATION OF THE PATIENTS (ESPECIALLY: partner abandonment, but also labor and social disintegration)	Present, Absent
S20	SOLIDARITY BY CLOSENESS WITH ALS PATIENTS (mainly, but also with other types of diseases)	Present, Absent
S21	IGNORANCE OF ALS, what is ALS? I do not know ALS	Present, Absent
S22	HEALTH COMES FIRST, HAVE A LOT OF HEALTH, LIFE IS EVERYTHING	Present, Absent
S23	LET’S SEE IF SOON THEY FIND A CURE FOR ALS	Present, Absent
S24	YOU ARE AN EXAMPLE OF FAITH	Present, Absent
S25	GOD IS ON YOUR SIDE AND HAS BLESSED YOU BY GIVING YOU THIS JOY	Present, Absent
S26	GOD IS ON YOUR SIDE, WITH GOD IN THE HEART THERE IS ALWAYS HOPE	Present, Absent
S27	WE HAVE TO THANK GOD FOR THE OPPORTUNITY OF LIVING THAT HE HAS GIVEN US	Present, Absent
S28	GOD BLESS YOU	Present, Absent
S29	BLESSINGS	Present, Absent
S30	YOU MUST HAVE FAITH, PRAY	Present, Absent
S31	GOD WILL HEAL YOU	Present, Absent
S32	FOR GOD NOTHING IS IMPOSSIBLE, miracles exist	Present, Absent
S33	BIBLICAL QUOTES, RELIGIOUS MESSAGES, RITUAL EXPRESSIONS OF RELIGIOUSNESS (“Amen”)	Present, Absent
S34	MANY PEOPLE PRAY FOR YOU, I pray for you	Present, Absent
S35	YOU GIVE SENSE TO THE LIFE OF BELIEVERS, God manifests himself through you to give an example of faith and hope to humanity, “you are sent on a mission from God”	Present, Absent
S36	THERE IS LIFE AFTER DEATH, LIFE ON EARTH IS TEMPORARY, LIFE IN HEAVEN IS ETERNAL	Present, Absent
S37	“ARRIBA ESPAÑA” [“GO SPAIN”]	Present, Absent
S38	LOOK FOR REMEDIES OUTSIDE OF OFFICIAL MEDICINE	Present, Absent
S39	NON-CLASSIFIED ITEMS	Present, Absent

The 1,158 responses resulting from the first cleaning of the original database (Annex 1) were subjected to a qualitative thematic content analysis (Ruiz Olabuénaga, 1999; Schreier, 2012) from which 39 fundamental units of significance-meaning (or “codes”) were identified. Each one of these units constituted each one of the 39 variables that appear in the previous table and that, from the registry of the relations of presence-absence in each one of the responses, were the basis of the following quantitative analyses.

In this table, in the description-coding of the units of significance-meaning, the designation of the units of significance has been faithfully reproduced as it was recorded in the database when these qualitative analyses were being carried out. Given that these responses were very short (they had an average of 14 words), they were coded directly in the database, without the need for any qualitative analysis software or without having to resort to the classic categorizations or coding of themes by color in the texts. In this table, the first word or expression in capital letters is a synoptic summary of the content of the category in question, which often appears more developed in lower case letter.

The main objective of this qualitative thematic content analysis was to capture the manifest content of the responses as faithfully as possible, since they had to be subsequently treated statistically, and precisely for this reason this technique was chosen, which, as I have used it, reaches a descriptive level. In other words, here the qualitative analysis is not an end in itself. It is a means to reach the subsequent quantitative analyses. What it is about is obtaining information that can later be treated statistically to reduce the 1,158 responses to a typology that can be integrated as a variable in the final statistical analysis. So, the meanings in this research are of interest only at a very descriptive level, far removed from the subtleties that the latent level of “discourses” takes or can reveal, which is usually analyzed with other methods such as grounded theory, phenomenological discourse analysis, discourse ethnography, narrative analysis, or interactionist-based conversation analysis, among others. For all intents and purposes, none of the message analysis processes practiced here or in all other cases in which thematic qualitative analysis has been carried out in this research has absolutely nothing to do with these or other similar techniques.

Since the research hypothesis is based on the distinction between two types of content, religious and non-religious, at least one had to distinguish between these two types of messages. Throughout the coding process, the number of categories became much greater than the 39 finally obtained, especially at the beginning, but as the thematic analysis progressed, many categories were recombined with others, to end up obtaining the 39 units from the table. On the other hand, and since I carried out this work by myself, during the analysis process I tried to verify if the thematic analyses for the same response were consistent. To do this, I coded the same response again and checked if the coding matched the one previously obtained. This verification was not systematic, that is, it was not carried out with all the responses, but only with some, and very occasionally, but the results were always satisfactory.

*Annex 2.2: Multiple Correspondence Analysis (MCA), criteria, axes, and graphs*

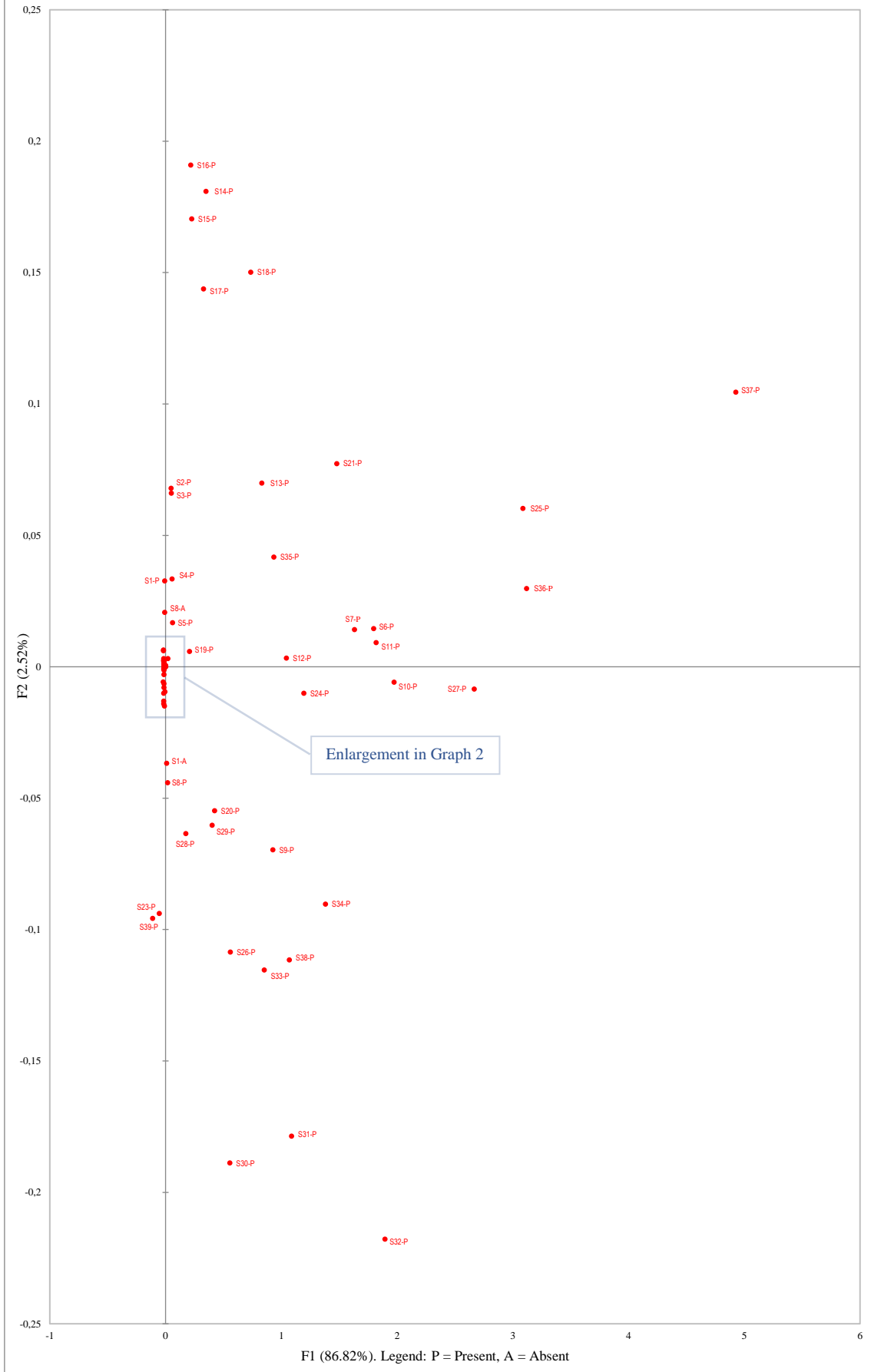
Disjunctive table of 1,158 lines or observations and 39 columns or variables, all active and with 2 modalities (dichotomous or binary: present/absent), without passive observations/categories nor illustrative or supplementary variables.

As can be seen, in the construction of the variables, the criteria indicated by Hjellbrekke (2019:94-98) have been observed so that they all had the same number of categories (2, present/absent) so that there was none that predominated over the others in their relative contribution to the total weight of any of the axes obtained.

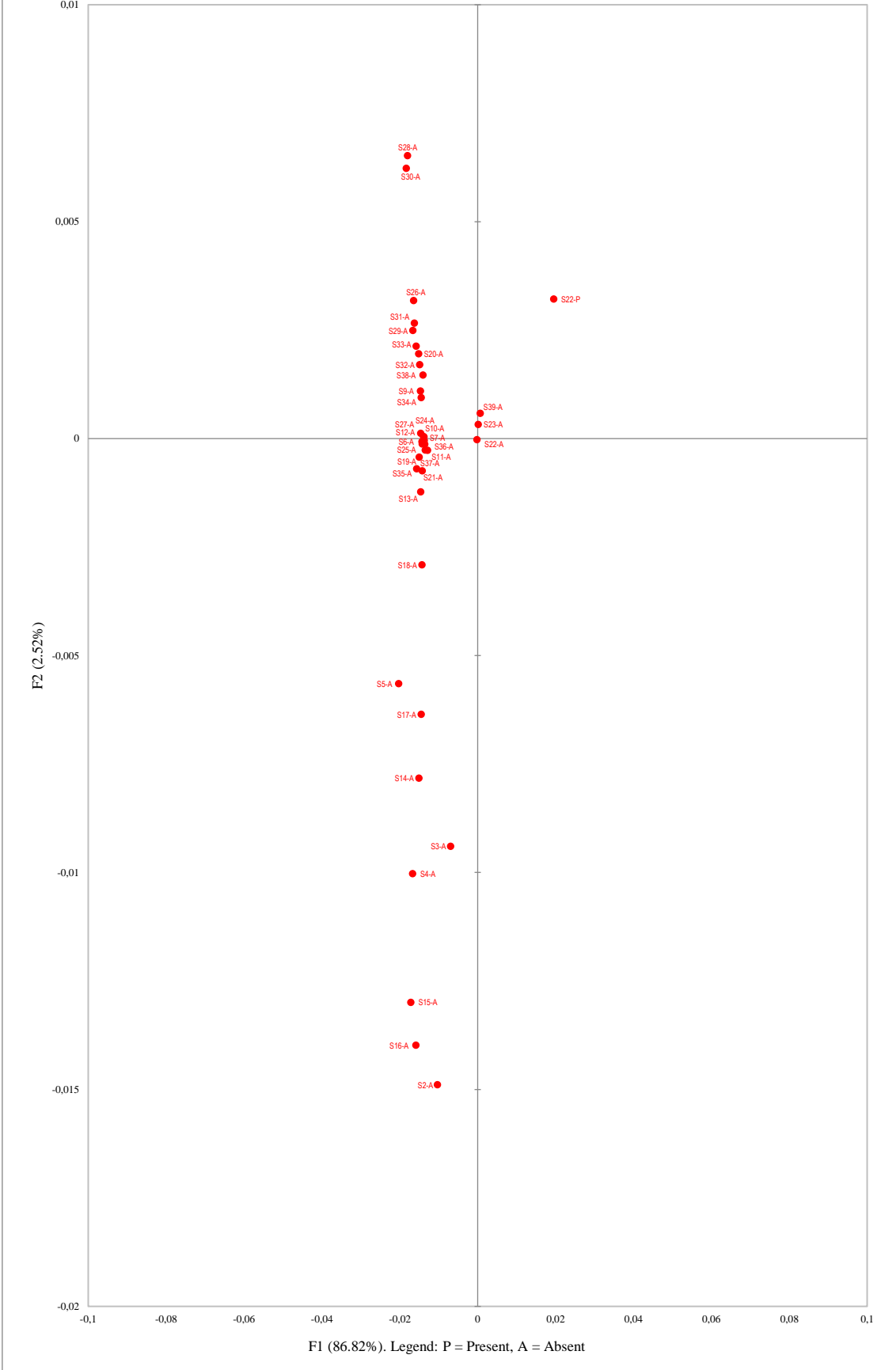
The adjusted total inertia (according to Greenacre’s formula) is 0.016. The sum of the eigenvalues of the 2 explanatory axes considered is 0.014.

<b>Axes:</b>	<b>Adjusted inertia %</b>	<b>Adjusted cumulative %</b>
<b>Adjusted eigenvalues</b>		
<b>F1: 0.014</b>	86.824	86.824
<b>F2: 0.000</b>	2.525	89.349

Graph 1. Axes F1 & F2: 89.35%



Graph 2. Axes F1 & F2: 89.35%



Annex 2.3: MCA, explanatory variables-categories of axes F1 and F2

Variable-category	F1%	F2%
S1-Absent	0.007	<b>4.016</b>
S1-Present	0.006	<b>3.595</b>
S2-Absent	0.016	1.155
S2-Present	0.073	<b>5.275</b>
S3-Absent	0.008	0.491
S3-Present	0.054	<b>3.454</b>
S4-Absent	0.039	0.491
S4-Present	0.131	<b>1.639</b>
S5-Absent	0.056	0.152
S5-Present	0.168	0.451
S6-Absent	0.036	0.000
S6-Present	<b>4.636</b>	0.011
S7-Absent	0.037	0.000
S7-Present	<b>4.240</b>	0.011
S8-Absent	0.009	<b>1.862</b>
S8-Present	0.018	<b>3.950</b>
S9-Absent	0.039	0.008
S9-Present	<b>2.459</b>	0.477
S10-Absent	0.035	0.000
S10-Present	<b>4.971</b>	0.001
S11-Absent	0.037	0.000
S11-Present	<b>4.740</b>	0.004
S12-Absent	0.034	0.000
S12-Present	<b>2.599</b>	0.001
S13-Absent	0.039	0.009
S13-Present	<b>2.199</b>	0.537
S14-Absent	0.040	0.373
S14-Present	0.929	<b>8.617</b>
S15-Absent	0.050	0.996
S15-Present	0.659	<b>13.064</b>
S16-Absent	0.043	1.156
S16-Present	0.589	<b>15.788</b>
S17-Absent	0.037	0.245
S17-Present	0.836	<b>5.586</b>
S18-Absent	0.037	0.053
S18-Present	<b>1.900</b>	<b>2.720</b>
S19-Absent	0.038	0.001
S19-Present	0.533	0.015
S20-Absent	0.041	0.023
S20-Present	1.140	0.655
S21-Absent	0.037	0.003
S21-Present	<b>3.835</b>	0.361
S22-Absent	0.000	0.000
S22-Present	0.000	0.000
S23-Absent	0.000	0.001
S23-Present	0.002	0.193
S24-Absent	0.039	0.000
S24-Present	<b>3.181</b>	0.008
S25-Absent	0.033	0.000
S25-Present	<b>7.897</b>	0.100
S26-Absent	0.048	0.062
S26-Present	<b>1.644</b>	<b>2.129</b>
S27-Absent	0.035	0.000
S27-Present	<b>6.794</b>	0.002
S28-Absent	0.054	0.245
S28-Present	0.525	<b>2.378</b>
S29-Absent	0.049	0.038
S29-Present	1.181	0.914
S30-Absent	0.060	0.238
S30-Present	<b>1.809</b>	<b>7.225</b>
S31-Absent	0.048	0.044
S31-Present	<b>3.211</b>	<b>2.968</b>
S32-Absent	0.040	0.018
S32-Present	<b>5.157</b>	<b>2.339</b>
S33-Absent	0.045	0.028
S33-Present	<b>2.430</b>	<b>1.531</b>
S34-Absent	0.038	0.006
S34-Present	<b>3.644</b>	0.535
S35-Absent	0.044	0.003
S35-Present	<b>2.651</b>	0.182
S36-Absent	0.034	0.000
S36-Present	<b>7.755</b>	0.024
S37-Absent	0.030	0.000
S37-Present	<b>11.609</b>	0.180
S38-Absent	0.036	0.013
S38-Present	<b>2.730</b>	1.022
S39-Absent	0.000	0.002
S39-Present	0.014	0.351

**In bold**, explanatory categories: 1/total number of categories (78)  $\geq 1.282\%$ . Explanatory variables: 1/total number of variables (39)  $> 2.564\%$ . In red, categories with positive coordinates on the axis, in blue with negative coordinates. The information on the coordinates was obtained from the table of principal coordinates of the variables, not included.

Annex 2.4: MCA, explanatory variables-categories of each axis according to coordinates and order of importance of contribution

<b>F1</b>	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
S37-Present: 11.61%	
S36-Present: 7.76%	
S25-Present: 7.60%	
S27-Present: 6.79%	
S32-Present: 5.16%	
S10-Present: 4.97%	
S11-Present: 4.74%	
S6-Present: 4.64%	
S7-Present: 4.24%	
S21-Present: 3.84%	
S34-Present: 3.64%	
S31-Present: 3.21%	
S24-Present: 3.18%	
S38-Present: 2.73%	
S35-Present: 2.65%	
S12-Present: 2.60%	
S9-Present: 2.46%	
S33-Present: 2.43%	
S13-Present: 2.20%	
S18-Present: 1.90%	
S30-Present: 1.81%	
S26-Present: 1.64%	
Total: 91.8%	

<b>F2</b>	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
S16-Present: 15.79%	S30-Present: 7.23%
S15-Present: 13.06%	S1-Absent: 4.02%
S14-Present: 8.62%	S8-Present: 3.95%
S17-Present: 5.56%	S31-Present: 2.97%
S2-Present: 5.28%	S28-Present: 2.38%
S1-Present: 3.60%	S32-Present: 2.34%
S3-Present: 3.45%	S26-Present: 2.13%
S18-Present: 2.72%	S33-Present: 1.53%
S8-Absent: 1.86%	Total: 26.55%
S4-Present: 1.64%	
Total: 61.58%	

Since carrying out this MCA was totally dependent on obtaining a classification of the responses with the AHC that was carried out later (Annexes 2.6 and 2.7), and, therefore, it was not an end in itself, it was decided not to delve into it, and it was not interpreted, although a certainly problematic aspect was noted that will be briefly commented on below. As can be seen (Annex 2.5), there are two observations (i399 and i429) that contribute to the F1 axis up to 84.48%. If this MCA had as its intrinsic objective the analysis of these responses, this could pose problems. Accepting this solution would require a justification, and would be just as problematic as rejecting it, since this could be seen as a case of falsifying or hiding results. Since there is no way of knowing what the result will be before carrying out an analysis, we have chosen to accept it here. For two reasons. Firstly, because this result has not affected the research process at all, since this variable was incorporated into the database as a supplementary variable, that is, without participating in the final analysis as an active variable. The second, because I believe that the habit of isolating from the study population sample those observations that are often considered



“deviant/extreme cases” does not contribute at all to the research of the social fact analyzed and that the *entire population studied without exception* defines.

*Annex 2.5: MCA, observations with greater contributions to each axis up to 60% accumulated*

- **F1:** i399 (42.24%), i429 (42.24%)
- **F2:** i324 (2.21%), i662 (1.99%), i503 (1.52%), i983 (1.39%), i1051 (1.39%), i281 (1.34%), i149 (1.2%), i586 (1.16%), i154 (1.1%), i897 (1.08%), i828 (1.03%), i1037 (1.02%), i516 (0.95%), i910 (0.95%), i60 (0.95%), i484 (0.92%), i320 (0.92%), i171 (0.91%), i762 (0.9%), i206 (0.87%), i896 (0.86%), i173 (0.81%), i1000 (0.79%), i85 (0.78%), i589 (0.75%), i62 (0.69%), i97 (0.68%), i943 (0.68%), i342 (0.66%), i360 (0.63%), i847 (0.6%), i648 (0.6%), i690 (0.58%), i1059 (0.57%), i1020 (0.53%), i428 (0.52%), i251 (0.5%), i318 (0.5%), i134 (0.49%), i230 (0.48%), i925 (0.48%), i1055 (0.48%), i958 (0.47%), i36 (0.47%), i914 (0.47%), i797 (0.47%), i335 (0.46%), i729 (0.46%), i682 (0.46%), i27 (0.45%), i1098 (0.45%), i156 (0.44%), i1156 (0.44%), i198 (0.43%), i608 (0.43%), i801 (0.42%), i717 (0.41%), i498 (0.41%), i518 (0.38%), i871 (0.38%), i794 (0.38%), i414 (0.37%), i997 (0.37%), i1064 (0.37%), i1110 (0.36%), i1041 (0.36%), i300 (0.35%), i1138 (0.34%), i188 (0.34%), i488 (0.34%), i770 (0.34%), i758 (0.34%), i267 (0.34%), i38 (0.33%), i309 (0.33%), i915 (0.33%), i740 (0.32%), i767 (0.31%), i718 (0.31%), i458 (0.31%), i952 (0.31%), i999 (0.31%), i824 (0.3%), i831 (0.3%), i213 (0.3%), i954 (0.3%), i904 (0.29%), i927 (0.29%), i383 (0.29%), i578 (0.29%), i873 (0.29%), i167 (0.28%), i133 (0.27%), i191 (0.26%), i1139 (0.26%), i249 (0.26%), i307 (0.26%), i838 (0.26%), i288 (0.25%), i291 (0.25%), i18 (0.25%), i337 (0.25%), i75 (0.25%), i940 (0.25%), i7 (0.25%), i214 (0.24%), i235 (0.23%), i207 (0.23%), i627 (0.22%)

*Annex 2.6: Agglomerative Hierarchical Clustering (AHC) (highlighted in gray the chosen solution)*

Validation tests for the number of groups (with 12 axes = 91.74% of inertia)				
Groups	Cophenetic correlation	Variance of the optimal classification		
		Within-class	Between-classes	Total
2	0.716	427.083 (75.52%)	138.422 (24.48%)	565.505
3	0.716	390.795 (69.11%)	174.710 (30.89%)	565.505
4	0.716	361.450 (63.92%)	204.055 (36.08%)	565.505
5	0.716	337.415 (59.67%)	228.090 (40.33%)	565.505
6	0.716	316.040 (55.89%)	249.465 (44.11%)	565.505
7	0.716	294.565 (52.09%)	270.940 (47.91%)	565.505
8	0.716	272.834 (48.25%)	292.671 (51.75%)	565.505
9	0.716	250.420 (44.28%)	315.085 (55.72%)	565.505
10	0.716	230.586 (40.78%)	334.919 (59.22%)	565.505
11	0.716	215.336 (38.08%)	350.168 (61.92%)	565.505
12	0.716	203.175 (35.93%)	362.330 (64.07%)	565.505
13	0.716	192.230 (33.99%)	373.275 (66.01%)	565.505
14	0.716	184.038 (32.54%)	381.467 (67.46%)	565.505
15	0.716	173.739 (30.72%)	391.765 (69.28%)	565.505
16	0.716	166.588 (29.46%)	398.917 (70.54%)	565.505
17	0.716	158.706 (28.06%)	406.799 (71.94%)	565.505
18	0.716	153.736 (27.19%)	411.769 (72.81%)	565.505
19	0.716	146.650 (25.93%)	418.855 (74.07%)	565.505
20	0.716	140.834 (24.90%)	424.671 (75.10%)	565.505
21	0.716	136.180 (24.08%)	429.325 (75.92%)	565.505
22	0.716	131.099 (23.18%)	434.406 (76.82%)	565.505
23	0.716	127.370 (22.52%)	438.135 (77.48%)	565.505
24	0.716	123.695 (21.87%)	441.809 (78.13%)	565.505
25	0.716	120.110 (21.24%)	445.395 (78.76%)	565.505

Annex 2.7: AHC, main characteristics of the chosen solution

Class	Elements	Within-class v.
1	123 (11%)	0.058
2	124 (11%)	0.240
3	448 (39%)	0.092
4	91 (8%)	0.204
5	78 (7%)	0.280
6	135 (12%)	0.091
7	50 (4%)	0.448
8	40 (3%)	0.629
9	35 (3%)	0.531
10	25 (2%)	0.365
11	2 (0%)	0.000
12	7 (1%)	0.000

Annex 2.8: AHC, overall distribution of variables-categories

Variable-category. TOTAL = 1,158	F	%
S1-Absent	547	47
S1-Present (Mode)	611	53
S2-Absent (Mode)	950	82
S2-Present	208	18
S3-Absent (Mode)	1,014	88
S3-Present	144	12
S4-Absent (Mode)	891	77
S4-Present	267	23
S5-Absent (Mode)	867	75
S5-Present	291	25
S6-Absent (Mode)	1,149	99
S6-Present	9	1
S7-Absent (Mode)	1,148	99
S7-Present	10	1
S8-Absent (Mode)	787	68
S8-Present	371	32
S9-Absent (Mode)	1,140	98
S9-Present	18	2
S10-Absent (Mode)	1,150	99
S10-Present	8	1
S11-Absent (Mode)	1,149	99
S11-Present	9	1
S12-Absent (Mode)	1,143	99
S12-Present	15	1
S13-Absent (Mode)	1,138	98
S13-Present	20	2
S14-Absent (Mode)	1,110	96
S14-Present	48	4
S15-Absent (Mode)	1,076	93
S15-Present	82	7
S16-Absent (Mode)	1,079	93
S16-Present	79	7
S17-Absent (Mode)	1,109	96
S17-Present	49	4
S18-Absent (Mode)	1,136	98
S18-Present	22	2
S19-Absent (Mode)	1,080	93
S19-Present	78	7
S20-Absent (Mode)	1,118	97
S20-Present	40	3
S21-Absent (Mode)	1,147	99
S21-Present	11	1
S22-Absent (Mode)	1,150	99
S22-Present	8	1
S23-Absent (Mode)	1,154	100
S23-Present	4	0
S24-Absent (Mode)	1,144	99
S24-Present	14	1
S25-Absent (Mode)	1,153	100
S25-Present	5	0
S26-Absent (Mode)	1,125	97
S26-Present	33	3
S27-Absent (Mode)	1,152	99
S27-Present	6	1
S28-Absent (Mode)	1,050	91
S28-Present	108	9
S29-Absent (Mode)	1,112	96
S29-Present	46	4
S30-Absent (Mode)	1,121	97
S30-Present	37	3
S31-Absent (Mode)	1,141	99
S31-Present	17	1
S32-Absent (Mode)	1,149	99
S32-Present	9	1
S33-Absent (Mode)	1,137	98
S33-Present	21	2
S34-Absent (Mode)	1,146	99
S34-Present	12	1
S35-Absent (Mode)	1,139	98
S35-Present	19	2
S36-Absent (Mode)	1,153	100
S36-Present	5	0
S37-Absent (Mode)	1,155	100
S37-Present	3	0
S38-Absent (Mode)	1,143	99
S38-Present	15	1
S39-Absent (Mode)	1,151	99
S39-Present	7	1

Annex 2.9: AHC, morphology of each class compared with overall distribution

Variable-category	Class1 n=123;11%			Class2 n=124;11%			Class3 n=448;39%			Class4 n=91;8%			Class5 n=78;7%			Class6 n=135;12%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
S1-Absent	2	2	-46	64	52	4	213	48	0	64	70	-23	40	51	4	61	45	-2
S1-Present	121	98	46	60	48	-4	235	52	0	27	30	-23	38	49	-4	74	55	-2
S2-Absent	108	88	6	96	77	-5	448	100	18	84	92	10	70	90	8	6	4	-78
S2-Present	15	12	-6	28	23	5 (*)	0	0	-18	7	8	-10	8	10	-8	129	96	78
S3-Absent	0	0	-88	116	94	6	447	100	12	90	99	11	74	95	7	134	99	12
S3-Present	123	100	88	8	6	-6	1	0	-12	1	1	-11	4	5	-7	1	1	-12
S4-Absent	110	89	12	89	72	-5	331	74	-3	65	71	-6	64	82	5	99	73	-4
S4-Present	13	11	-12	35	28	5	117	26	3	26	29	6	14	18	-5	36	27	4
S5-Absent	114	93	18	79	64	-11	330	74	-1	63	69	-6	47	60	-15	117	87	12
S5-Present	9	7	-18	45	36	11	118	26	1	28	31	6	31	40	15	18	13	-12
S6-Absent	123	100	1	124	100	1	443	99	0	91	100	1	78	100	1	135	100	1
S6-Present	0	0	-1	0	0	-1	5	1	0	0	0	-1	0	0	-1	0	0	-1
S7-Absent	123	100	1	124	100	1	448	100	1	85	93	-6	77	99	0	135	100	1
S7-Present	0	0	-1	0	0	-1	0	0	-1	6	7	6	1	1	0	0	0	-1
S8-Absent	110	89	21	107	86	18	248	55	-13	76	84	16	59	76	8	85	63	-5
S8-Present	13	11	-21	17	14	-18	200	45	13	15	16	-16	19	24	-8	50	37	5 (*)
S9-Absent	121	98	0	124	100	2	439	98	0	91	100	2	77	99	0	134	99	1
S9-Present	2	2	0	0	0	-2	9	2	0	0	0	-2	1	1	0	1	1	-1
S10-Absent	123	100	1	124	100	1	444	99	0	91	100	1	77	99	-1	135	100	1
S10-Present	0	0	-1	0	0	-1	4	1	0	0	0	-1	1	1	1	0	0	-1
S11-Absent	122	99	0	124	100	1	443	99	0	91	100	1	78	100	1	135	100	1
S11-Present	1	1	0	0	0	-1	5	1	0	0	0	-1	0	0	-1	0	0	-1
S12-Absent	123	100	1	123	99	0	439	98	-1	90	99	0	77	99	0	135	100	1
S12-Present	0	0	-1	1	1	0	9	2	1	1	1	0	1	1	0	0	0	-1
S13-Absent	123	100	2	120	97	-1	448	100	2	83	91	-7	75	96	-2	134	99	1
S13-Present	0	0	-2	4	3	1	0	0	-2	8	9	7	3	4	2	1	1	-1
S14-Absent	121	98	3	88	71	-25	448	100	4	90	99	3	77	99	3	134	99	3
S14-Present	2	2	-3	36	29	25	0	0	-4	1	1	-3	1	1	-3	1	1	-3
S15-Absent	120	98	5 (*)	73	59	-34	445	99	6	91	100	7	76	97	5 (*)	121	90	-3
S15-Present	3	2	-5	51	41	34	3	1	-6	0	0	-7	2	3	-5	14	10	3
S16-Absent	122	99	6	61	49	-44	448	100	7	91	100	7	74	95	2	132	98	5 (*)
S16-Present	1	1	-6	63	51	44	0	0	-7	0	0	-7	4	5	-2	3	2	-5
S17-Absent	121	98	3	91	73	-22	444	99	3	89	98	2	78	100	4	131	97	1
S17-Present	2	2	-3	33	27	22	4	1	-3	2	2	-2	0	0	-4	4	3	-1
S18-Absent	123	100	2	121	98	-1	448	100	2	90	99	1	78	100	2	122	90	-8
S18-Present	0	0	-2	3	2	1	0	0	-2	1	1	-1	0	0	-2	13	10	8
S19-Absent	118	96	3	122	98	5	448	100	7	91	100	7	16	21	-73	134	99	6
S19-Present	5	4	-3	2	2	-5	0	0	-7	0	0	-7	62	79	73	1	1	-6
S20-Absent	123	100	3	123	99	3	448	100	3	91	100	3	77	99	2	135	100	3
S20-Present	0	0	-3	1	1	-3	0	0	-3	0	0	-3	1	1	-2	0	0	-3
S21-Absent	123	100	1	122	98	-1	442	99	0	91	100	1	78	100	1	135	100	1
S21-Present	0	0	-1	2	2	1	6	1	0	0	0	-1	0	0	-1	0	0	-1
S22-Absent	123	100	1	124	100	1	448	100	1	91	100	1	78	100	1	135	100	1
S22-Present	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
S23-Absent	123	100	0	124	100	0	448	100	0	91	100	0	78	100	0	135	100	0
S23-Present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S24-Absent	123	100	1	124	100	1	448	100	1	82	90	-9	77	99	0	135	100	1
S24-Present	0	0	-1	0	0	-1	0	0	-1	9	10	9	1	1	0	0	0	-1
S25-Absent	123	100	0	123	99	0	448	100	0	89	98	-2	78	100	0	135	100	0
S25-Present	0	0	0	1	1	0	0	0	0	2	2	2	0	0	0	0	0	0
S26-Absent	123	100	3	124	100	3	448	100	3	91	100	3	54	69	-28	135	100	3
S26-Present	0	0	-3	0	0	-3	0	0	-3	0	0	-3	24	31	28	0	0	-3
S27-Absent	123	100	1	123	99	0	447	100	0	91	100	1	78	100	1	135	100	1
S27-Present	0	0	-1	1	1	0	1	0	0	0	0	-1	0	0	-1	0	0	-1
S28-Absent	121	98	8	122	98	8	448	100	9	19	21	-70	69	88	-2	135	100	9
S28-Present	2	2	-8	2	2	-8	0	0	-9	72	79	70	9	12	2	0	0	-9
S29-Absent	123	100	4	123	99	3	448	100	4	91	100	4	78	100	4	135	100	4
S29-Present	0	0	-4	1	1	-3	0	0	-4	0	0	-4	0	0	-4	0	0	-4
S30-Absent	122	99	2	124	100	3	448	100	3	91	100	3	74	95	-2	135	100	3
S30-Present	1	1	-2	0	0	-3	0	0	-3	0	0	-3	4	5	2	0	0	-3
S31-Absent	123	100	1	124	100	1	448	100	1	90	99	0	78	100	1	135	100	1
S31-Present	0	0	-1	0	0	-1	0	0	-1	1	1	0	0	0	-1	0	0	-1
S32-Absent	123	100	1	124	100	1	448	100	1	91	100	1	78	100	1	135	100	1
S32-Present	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
S33-Absent	123	100	2	124	100	2	448	100	2	91	100	2	78	100	2	135	100	2
S33-Present	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2
S34-Absent	123	100	1	124	100	1	448	100	1	91	100	1	78	100	1	135	100	1
S34-Present	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
S35-Absent	123	100	2	124	100	2	448	100	2	91	100	2	78	100	2	135	100	2
S35-Present	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2
S36-Absent	123	100	0	124	100	0	448	100	0	89	98	-2	77	99	-1	135	100	0
S36-Present	0	0	0	0	0	0	0	0	0	2	2	2	1	1	1	0	0	0
S37-Absent	123	100	0	124	100	0	448	100	0	91	100	0	77	99	-1	135	100	0
S37-Present	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
S38-Absent	123	100	1	124	100	1	439	98	-1	91	100	1	78	100	1	135	100	1
S38-Present	0	0	-1	0	0	-1	9	2	1	0	0	-1	0	0	-1	0	0	-1
S39-Absent	123	100	1	124	100	1	448	100	1	91	100	1	78	100	1	135	100	1
S39-Present	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1

(\*) All figures in this table are approximations. If it has not been marked as a highlighted figure, it is because the real non-approximated number was not greater than +5.

Intervals of intensity of under- (blue) and over-representation (red)

Interval 1:  $5 < x < 15$   
 Interval 2:  $15 < x < 25$   
 Interval 3, extreme values:  $x > 25$

Interval 1:  $5 < x < 15$   
 Interval 2:  $15 < x < 25$   
 Interval 3, extreme values:  $x > 25$

Variable-category	Class7 n=50;4%			Class8 n=40;3%			Class9 n=35;3%			Class10 n=25;2%			Class11 n=2;0%			Class12 n=7;1%		
	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)
S1-Absent	30	60	1	22	55	1	26	74	2 (*)	18	72	2 (*)	0	0	0	7	100	2
S1-Present	20	40	1	18	45	1	9	26	0	7	28	1	2	100	2 (*)	0	0	0
S2-Absent	40	80	1	34	85	1	33	94	1	24	96	1	0	0	0	7	100	1
S2-Present	10	20	1	6	15	1	2	6	0	1	4	0	2	100	6	0	0	0
S3-Absent	50	100	1	37	93	1	34	97	1	25	100	1	0	0	0	7	100	1
S3-Present	0	0	0	3	8	1	1	3	0	0	0	0	2	100	8	0	0	0
S4-Absent	38	76	1	35	88	1	30	86	1	23	92	1	0	0	0	7	100	1
S4-Present	12	24	1	5	13	1	5	14	1	2	8	0	2	100	4	0	0	0
S5-Absent	36	72	1	25	63	1	29	83	1	20	80	1	0	0	0	7	100	1
S5-Present	14	28	1	15	38	1	6	17	1	5	20	1	2	100	4	0	0	0
S6-Absent	48	96	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S6-Present	2	4	5	0	0	0	0	0	0	0	0	0	2	100	129	0	0	0
S7-Absent	50	100	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S7-Present	0	0	0	1	3	3	0	0	0	0	0	0	2	100	116	0	0	0
S8-Absent	38	76	1	19	48	1	17	49	1	21	84	1	0	0	0	7	100	1
S8-Present	12	24	1	21	53	2 (*)	18	51	2 (*)	4	16	0	2	100	3	0	0	0
S9-Absent	50	100	1	40	100	1	32	91	1	25	100	1	0	0	0	7	100	1
S9-Present	0	0	0	0	0	0	3	9	6	0	0	0	2	100	64	0	0	0
S10-Absent	50	100	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S10-Present	0	0	0	1	3	4	0	0	0	0	0	0	2	100	145	0	0	0
S11-Absent	50	100	1	40	100	1	35	100	1	24	96	1	0	0	0	7	100	1
S11-Present	0	0	0	0	0	0	0	0	0	1	4	5	2	100	129	0	0	0
S12-Absent	50	100	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S12-Present	0	0	0	1	3	2 (*)	0	0	0	0	0	0	2	100	77	0	0	0
S13-Absent	49	98	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S13-Present	1	2	1	1	3	1	0	0	0	0	0	0	2	100	58	0	0	0
S14-Absent	47	94	1	38	95	1	35	100	1	25	100	1	0	0	0	7	100	1
S14-Present	3	6	1	2	5	1	0	0	0	0	0	0	2	100	24	0	0	0
S15-Absent	45	90	1	39	98	1	35	100	1	24	96	1	0	0	0	7	100	1
S15-Present	5	10	1	1	3	0	0	0	0	1	4	1	2	100	14	0	0	0
S16-Absent	44	88	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S16-Present	6	12	2 (*)	0	0	0	0	0	0	0	0	0	2	100	15	0	0	0
S17-Absent	50	100	1	39	98	1	35	100	1	24	96	1	0	0	0	7	100	1
S17-Present	0	0	0	1	3	1	0	0	0	1	4	1	2	100	24	0	0	0
S18-Absent	48	96	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S18-Present	2	4	2	1	3	1	0	0	0	0	0	0	2	100	53	0	0	0
S19-Absent	50	100	1	35	88	1	35	100	1	24	96	1	0	0	0	7	100	1
S19-Present	0	0	0	5	13	2 (*)	0	0	0	1	4	1	2	100	15	0	0	0
S20-Absent	49	98	1	8	20	0	33	94	1	24	96	1	0	0	0	7	100	1
S20-Present	1	2	1	32	80	23	2	6	2 (*)	1	4	1	2	100	29	0	0	0
S21-Absent	50	100	1	39	98	1	35	100	1	25	100	1	0	0	0	7	100	1
S21-Present	0	0	0	1	3	3	0	0	0	0	0	0	2	100	105	0	0	0
S22-Absent	50	100	1	32	80	1	35	100	1	25	100	1	2	100	1	7	100	1
S22-Present	0	0	0	8	20	29	0	0	0	0	0	0	0	0	0	0	0	0
S23-Absent	50	100	1	36	90	1	35	100	1	25	100	1	2	100	1	7	100	1
S23-Present	0	0	0	4	10	29	0	0	0	0	0	0	0	0	0	0	0	0
S24-Absent	48	96	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S24-Present	2	4	3	0	0	0	0	0	0	0	0	0	2	100	83	0	0	0
S25-Absent	50	100	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S25-Present	0	0	0	0	0	0	0	0	0	0	0	0	2	100	232	0	0	0
S26-Absent	46	92	1	40	100	1	35	100	1	22	88	1	0	0	0	7	100	1
S26-Present	4	8	3	0	0	0	0	0	0	3	12	4	2	100	35	0	0	0
S27-Absent	49	98	1	40	100	1	34	97	1	25	100	1	0	0	0	7	100	1
S27-Present	1	2	4	0	0	0	1	3	6	0	0	0	2	100	193	0	0	0
S28-Absent	41	82	1	37	93	1	32	91	1	19	76	1	0	0	0	7	100	1
S28-Present	9	18	2 (*)	3	8	1	3	9	1	6	24	3	2	100	11	0	0	0
S29-Absent	13	26	0	40	100	1	30	86	1	24	96	1	0	0	0	7	100	1
S29-Present	37	74	19	0	0	0	5	14	4	1	4	1	2	100	25	0	0	0
S30-Absent	47	94	1	40	100	1	10	29	0	23	92	1	0	0	0	7	100	1
S30-Present	3	6	2 (*)	0	0	0	25	71	22	2	8	3	2	100	31	0	0	0
S31-Absent	50	100	1	40	100	1	23	66	1	23	92	1	0	0	0	7	100	1
S31-Present	0	0	0	0	0	0	12	34	23	2	8	5	2	100	68	0	0	0
S32-Absent	50	100	1	40	100	1	28	80	1	25	100	1	0	0	0	7	100	1
S32-Present	0	0	0	0	0	0	7	20	26	0	0	0	2	100	129	0	0	0
S33-Absent	49	98	1	40	100	1	35	100	1	7	28	0	0	0	0	7	100	1
S33-Present	1	2	1	0	0	0	0	0	0	18	72	40	2	100	55	0	0	0
S34-Absent	50	100	1	40	100	1	35	100	1	15	60	1	0	0	0	7	100	1
S34-Present	0	0	0	0	0	0	0	0	0	10	40	39	2	100	96	0	0	0
S35-Absent	33	66	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S35-Present	17	34	21	0	0	0	0	0	0	0	0	0	2	100	61	0	0	0
S36-Absent	50	100	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S36-Present	0	0	0	0	0	0	0	0	0	0	0	0	2	100	232	0	0	0
S37-Absent	50	100	1	40	100	1	35	100	1	25	100	1	0	0	0	7	100	1
S37-Present	0	0	0	0	0	0	0	0	0	0	0	0	2	100	386	0	0	0
S38-Absent	50	100	1	39	98	1	33	94	1	24	96	1	0	0	0	7	100	1
S38-Present	0	0	0	1	3	2 (*)	2	6	4	1	4	3	2	100	77	0	0	0
S39-Absent	50	100	1	40	100	1	35	100	1	25	100	1	2	100	1	0	0	0
S39-Present	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	100	165

(\*) All figures in this table are approximations. If it has not been marked as a highlighted figure, it is because the real non-approximated number was not greater than 2.

Intervals of intensity of under- (blue) and over-representation (red)

Interval 1:  $2 < x < 14$   
Interval 2:  $14 \leq x < 53$   
Interval 3:  $53 \leq x < 68$   
Interval 4, extreme values:  $x > 68$

Interval 1:  $2 < x < 14$   
Interval 2:  $14 \leq x < 53$   
Interval 3:  $53 \leq x < 68$   
Interval 4, extreme values:  $x > 68$

According to Hjellbrekke (2019:85), the main criteria to take into account in order to describe the morphology of each of the groups is the following. If n of a group is <5%, the comparison between p (proportion or relative frequency of the category in the group) and P (proportion or

relative frequency of the category in the overall distribution) is made from p/P and notable deviations (D) are >2. If  $n > 5\%$ , the comparison is made from p-P and the notable deviations are >5% (negative or under-representation; or positive or over-representation).

But since the magnitude of the under-representations or over-representations varies, and some are more important than others, it has been decided to construct intervals in order to better characterize the groups. These intervals have been constructed by subjecting each of the magnitudes in the tables to a discretization analysis using Fisher's classification algorithm, which is a technique based on Fisher's linear discriminant analysis. Given that for classes 1-6 the comparison was made from the differences (subtraction), and for classes 7-12 from the relationship-ratio (division), the magnitudes were very different, so it was necessary to perform a discretization for the first table (classes 1-6), and a different one for the second (classes 7-12).

But before performing the discretizations, the magnitudes were subjected to the Dixon test to identify possible outliers. In the first table, 8 outliers were identified (28, 34, 44, 46, 70, 73, 78, 88), and in the second 15 (77 [twice], 83, 96, 105, 116, 129 [3 times], 145, 165, 193, 232 [twice], 386). When the two discretizations were carried out, these values were momentarily removed from the distributions, so that the intervals obtained based on the non-outliers were more harmonic, and a specific interval was constructed for the outliers that was designated with the denomination "extreme values." Obviously, it was not a question of discarding these values, but of obtaining a clearer classification of the magnitudes that would allow a better interpretation of the response classes.

In fact, the identification of the outliers helped a lot to characterize each of the 12 response classes, because actually in the characterization of the groups the outliers play a fundamental role: the description of the groups is nothing more than pointing out the characteristics in which each of the groups differs or stands out in relation to the overall distribution, either due to excess (over-representation) or defect (under-representation). Thus, Class 1 responses (123 [elements]; 11%) were responses of deep admiration based on the pervasive praise of traits socially attributed to the male sex. Class 2 (124; 11%), responses of deep gratitude where the lesson of life given is highlighted, which conveys hope, spirit of overcoming, optimism, and shows "that we complain about silly things." Class 3 (448; 39%), encouragement responses. Class 4 (91; 8%), responses from religiosity (God bless you) that highlight faith as a way of coping with the disease, and in which secondarily the disease is also seen as an opportunity to gain good things and a learning of life that fosters values such as self-overcoming, optimism, and teach us that "where there's a will, there's a way," secular versions of religious faith. Class 5 (78; 7%), responses also from religiosity to the social disintegration of the sick (God is on your side), where optimism also stands out as a way of coping with the disease. Class 6 (135; 12%), "anti-anomic" or "sociodicean" responses in which the patient as a role model provides a common universe of secular discourse and provides meaning and examples of behavior to a world that is considered to be in a continuous crisis of values. Class 7 (50; 4%) are the religious responses of blessing of the "theodicy" type (secondarily related to secular "sociodiceans") that give meaning to the lives of believers through the example of faith of the sick (secondarily associated with psychological mottos of the type "if you have a positive mind, the body withstand anything"), which is seen as a sign of God's action, who has a mission for him. Class 8 (40; 3%), responses of solidarity with the patient and the disease of people close to patients with ALS or other diseases, which emphasize that health comes first and the need to find a cure for ALS. Class 9 (35; 3%) are religious responses of doxic imposition (imposition of beliefs, usually unfounded and often harmful, on those who find themselves in a situation of extreme symbolic subordination and social relegation) based on the miracles of God and faith in him as a way of finding a cure that must be sought outside of official medicine. Class 10 (25; 2%), ritualistic religious responses based on biblical quotes, prayer and faith in God where remedies are sought again outside of official medicine. Class 11 (2; 0%), the responses of ultra-individualism: ultra-religious, ultra-psychological and ultra-patriotic. Class 12 (7; 1%) are the unclassified responses. This AHC was later consolidated with a k-means analysis to optimize its results by correcting the classification of those observations likely to be better classified. Finally, this typology of 12 response classes was incorporated into the final database. Their role was essential to validate the analytical model and the social fact that constitutes the object of study of this article.

## Annex 3: Final analysis of the database

### Annex 3.1: Variables in the analysis (total cases: 1,068 observations)

Dimension	Variable	Description and [type of variable, number of categories-modalities]	Labels	Missing values (NA)
Social properties ascribed to individuals	SEX	Sex [Active variable, 3]	Woman; Man; NA	63 (6%)
	AGE	Age [Active variable, 13]	21-25; 26-30; 31-35; 36-40; 41-45; 46-50; 51-55; 56-60; 61-65; 66-70; 71-75; 76-80; NA	331 (30%)
	OCCUPATION	Grouping of occupations [Active variable, 16]	Other; Unemployed: Informal economy; Executives, managers and directors; Forces of law and order; Civil service administrators; Retiree; NA; Employed; Pensioner; Small entrepreneur/self-employed; "Social" professions and "care" procurement; Business professions; Legal professions; Technical/socio-technical professions; Employed worker	502 (47%)
Degree of family integration	FAM_INTEGR	Degree of family integration [Active variable, 14]	Married; Married with children; Divorced; Divorced with children; Divorced without children; NA; No partner with children; Separated with children; Single with children; Single; With boy/girlfriend; Widow/er; Widow/er with children; Widow/er without children	558 (52%)
Distance (closeness-farness) from the disease	CLOS_DISEAS	Close to chronically ill people, seriously ill, or who have a disability [Active variable, 2]	NA; CloseSick	945 (88%)
	SICK	Person with chronic, serious illnesses, or disabilities [Active variable, 3]	Sick; NA; NonSick	974 (91%)
	DISEASE	Most mentioned illness, disability or health problem [Active variable, 17]	Absent; Accident/Violence; Other; Alzheimer's; Cancer; Heart diseases; Covid-19; Diabetes; Various disabilities; ALS; Multiple sclerosis; Fibromyalgia; Renal insufficiency; Mental diseases; Rare diseases; ASD; Transplant	0 (0%); "Absent" category: 677; 63%
Position occupied in the social pole of the social space	IMMI	Immigrant [Active variable, 3]	Immi; NA; NonImmi	12 (1%)
	CAPITAL_NO	Living in a capital or not [Active variable, 3]	Capital; NA; NonCapital	425 (40%)
	SC_POS_REGI	Socio-economic position of the region-area where the person lives [Active variable, 10]	NA; Low poverty; Moderate poverty; High poverty; Extreme poverty; Very low income; Low income; Average income; High income; Very high income	341 (32%)
	POL_DEF	Political definition [Active variable, 16]	Center-right; Ciudadanos (a center-right party from Spain); Considers the entire political class corrupt; Right; Left; Avoid defining him/herself politically at all costs; Guaidó/Capriles (political opposition to Nicolás Maduro in Venezuela); Pro-independence (In Catalonia, supporters that Catalonia ceasing to be part of Spain to become a nation-State on its own); Liberal (In Europe "liberal" means center); NA; PP ("Partido Popular" [Popular Party], in Spain, the hegemonic conservative party); PSOE ("Partido Socialista Obrero Español" [Spanish Workers' Socialist Party], in Spain, the hegemonic center-left party); No apparent interest in politics; Far-right; Unidos Podemos ("United We Can," in Spain, the hegemonic left party); Vox (in Spain, the hegemonic far-right party)	3 (0%)
	COUNTRY	Country where the person lives [Supplementary or illustrative variable, 15]	Other; Other Latin American countries; Argentina; Chile; Colombia; Ecuador; Spain; USA; Europe; México; NA; Anglo-Saxon countries; Paraguay; Perú; Venezuela	7 (1%)
	C2	Advertising, contests and commercial promotions [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C3	Video games, apps and computers [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C7	Law and order [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C8	Patriotism [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C12	Against left [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C13	Against right [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C14	Pro-market, in favor of the free market, of capitalism [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C15	Against corruption [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C17	Commitment to public service, to public interest [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C24	End the dictatorship in Venezuela [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C27	Against left-wing media [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C29	Moralizing messages, ethical precepts, lessons on how to live, setting an example [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C31	Against immigrants [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C32	Against gender and gender "ideology" [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C34	Against abortion and in favor of traditional family [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C36	Against machismo [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C39	Against racism and classism [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C40	Team sports [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C42	Free-to-air TV [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C43	Media not related to the official or traditional ones (Iker Jiménez, "La reunión secreta")	Absent; Present; Extreme	0 (0%)

Dimension	Variable	Description and [type of variable, number of categories-modalities]	Labels	Missing values (NA)
		[The secret meeting], "La estirpe de los libres" [The lineage of the free ones] [Active variable, 3]		
	C46	Recorded music [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C49	Literature [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C51	Jokes and humor [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C52	Diary [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C56	Messages focused on the individual, motivational and self-overcoming content, and positive psychology [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C57	Phrases or texts of famous people, cult of personality and the individual [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C59	Viral, spectacular, emotional videos, display of personal skills videos [Active variable, 3]	Absent; Present; Extreme	0 (0%)
<i>Position occupied in the societal pole of the social space</i>	C63	Against cruelty to animals, love for them [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C66	Job demands or the sale of goods and services [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C67	Demands and supplies of medical treatments and medicines [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C70	Pet adoption offers [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C72	Lack of water, electricity, gasoline, health resources, justice, education, etc. [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C73	Lack of food and housing [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C74	Against the occupation of dwellings [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C75	State repression and violation of fundamental rights [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C79	Missing persons [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C85	Conspiracy theories [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C87	Activism in favor of diseases [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C93	Health and pharmaceutical industry [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C97	Knowledge about the profession or the role played [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C99	Complaints on the trend towards poorer working conditions and greater job insecurity in public health and education [Active variable, 3]	Absent; Present; Extreme	0 (0%)
	C104	"The excellence": the gift and merit as an ideology of the value of the person, cult of personality [Active variable, 2]	Absent; Present	0 (0%)
<i>Position taking</i>	RESPONSE	Classification of the responses [Supplementary or illustrative variable, 12]	Responses C1; Responses C2; Responses C3; Responses C4; Responses C5; Responses C6; Responses C7; Responses C8; Responses C9; Responses C10; Responses C11; Responses C12	0 (0%)
<i>Position occupied in the religious and beliefs pole of the social space</i>	REL_MESS1	Religious messages Type 1 [Supplementary or illustrative variable, 4]	Absent; Present; Extreme; NA	1 (0%)
	REL_MESS2	Religious messages Type 2 [Supplementary or illustrative variable, 4]	Absent; Present; Extreme; NA	1 (0%)
	REL_MESS3	Religious messages Type 3 [Supplementary or illustrative variable, 3]	Absent; Present; NA	1 (0%)
	REL_MESS4	Religious messages Type 4 [Supplementary or illustrative variable, 4]	Absent; Present; Extreme; NA	1 (0%)
	REL_MESS5	Religious messages Type 5 [Supplementary or illustrative variable, 3]	Absent; Present; NA	1 (0%)
	REL_MESS_MA	Type of majority religious messages [Supplementary or illustrative variable, 6]	Absent; NA; Type 1; Type 2; Type 3; Type 4	1 (0%)
	TRUMP	Pro-Trump or against Trump [Illustrative or supplementary variable, 3]	Anti-Trump; Trump; NA	899 (84%)
	ANTIVAX	Antivaxer, pandemic denier, global warming denier [Supplementary or illustrative variable, 3]	NA; Denier; Non-Denier	942 (88%)

There are 63 variables in this table. But another 64 variables were discarded for the analysis, after the more than two years and 3,925 hours of work that the database construction process lasted. They are the following variables (which will not be described here): LIFE\_COND, C1, C4, C5, C6, C9, C10, C11, C16, C18, C19, C20, C21, C22, C23, C25, C26, C28, C30, C33, C35, C37, C38, C41, C44, C45, C47, C48, C50, C53, C54, C55, C58, C60, C61, C62, C64, C65, C68, C69, C71, C76, C77, C78, C80, C81, C82, C83, C84, C86, C88, C89, C90, C91, C92, C94, C95, C96, C98, C100, C101, C102, C103, C105. The LIFE\_COND variable was manifestly useless because it was used to classify only 58 records, so it was discarded, while the excluded variables for the classification of individuals (C#) were based on the qualitative analysis of such an insufficient number of tweets, always less of the three digits, which was the threshold to drop a variable, which were dropped and did not enter the analysis. It is very plausible that this measure meant that there was no observation that contributed predominantly to any of the axes to the detriment of all the others (Annex 3.9). Finally, from the 122 original variables, these 127 final variables were obtained.

As can be seen, some variables have more “missing values” than would seem acceptable (CLOS\_DISEAS: 88%; SICK: 91%; TRUMP: 84%; ANTIVAX: 88%), and others also have a very considerable number (AGE: 30%, OCCUPATION: 47%, FAM\_INTEGR: 52%, CAPITAL\_NO: 40%, SC\_POS\_REGI: 32%). But it has been decided to include them in the analysis. In some cases, we do not know what it means when someone does not provide this type of information in their Twitter account, and it most likely has to do with information that is not relevant to the person, perhaps because it is about circumstances that do not exist in its case, and this would seem the most feasible for the first type of variables. For the second type the reasons may be others. In any case, it has been considered important to explore the relationships between what could be considered “non-answers” (although they are not properly so in the same way that missing values are not properly so either) and the entire series of variables considered within the social space constructed, both in terms of whether they provide relevant information for the purposes of this article, and whether they help to better understand these “non-answers” and to attribute a probable meaning to them. And although the possibility of assigning the pertinent values to these missing values was well thought out, based on the techniques of analysis and imputation of missing values offered by the XLSTAT software used (Lumivero, 2023) and which consisted, for categorical data, in the elimination of the observations with missing values, the nearest neighbor technique, the NIPALS algorithm, or the replacement of the missing values by the modal value or by a given text label, it was considered that the attribution of some values to some observations with values unknown could not be a secondary issue of a technical nature resolved from statistics, but rather it was a central issue that could only be resolved from the accumulative knowledge; that is, knowing better the object of study thanks to the research carried out over time.

### **Tweets as forms of classification within the social space**

Tweets are classifiers of individuals within the social space; that is to say, they inform us of the principles of vision and division associated with the position that they occupy in the social structure (Bourdieu, 1990a, 1999, 2000:62-64, 2022:501-530). These forms of classification within the social world have different components. Through the analysis it has been possible to verify that on Twitter one of the main dimensions of these acts of classification of individuals, who “revealing” the truth about others reveal the truth about themselves, are the symbolic struggles (C7-C27; C31-C39; C43; C63; C74) (Bourdieu, 2015:11-120) —anyone who has spent half an hour on this social network will know very well that this is one of the main activities of some or many of its users— and principles of vision associated with the philosophies of consciousness or individualism and its counterpart, collectivism, which are usually paired with these contrasting world views (C29, C52-C59, C104) (Béjar Merino, 2011; Bourdieu & Chartier, 2015:36-41). Another component is the forms of symbolic distinction, which are still another aspect of these symbolic struggles (C2-C3, C40-C42, C46-C51) (Bourdieu, 1984). Ultimately, they refer to living conditions and the impact of the type of Welfare State on them (Fund for Peace, 2022). In this sense, it should be borne in mind that the conceptualization of this dimension



of living conditions is based on the Fund for Peace model, but it has not been possible to adopt all the indicators considered by this organization, since this depended on the availability of tweets. So, the tweets that have been categorized are based on the following coding framework: E3 Human Flight and Brain Drain (IMMI), E1 Economic Decline and Poverty (SC\_POS\_REGI, C66, C70), P1 State Legitimacy (C15), P3 Human Rights and Rule of Law (C24, C75, C79), P2 Public Services (C67, C72, C73, C99). The positions/position-taking model in the study of the social structure of the ideologies of the patient as a hero has more components (see the first section of the article), but this section is only concerned with elucidating how the data relating to these classifiers have been obtained based on the qualitative thematic content analysis carried out.

The main objective of this qualitative thematic content analysis (Ruiz Olabuénaga, 1999; Schreier, 2012) was to capture in the most faithful way possible the manifest content of the tweets since they had to be subsequently treated statistically, and precisely for that reason this technique was chosen, which, as I have used it, reaches a descriptive level. In other words, here the qualitative analysis is not an end in itself. It is a means to reach the subsequent quantitative analyses. What it is about is turning the tweets into the classifiers that will be transformed into the variables from which the social space built will be constituted by means of the relevant MCAs. So, the tweet, the text, the discourse, or the message as such are not the objectives of this analysis. The objective is to obtain the classifiers within the social space subject to subsequent quantitative analysis. So, the meanings in this research are of interest only at a very descriptive level, far removed from the subtleties that the latent level of “discourses” takes or can reveal, which is usually analyzed with other methods such as grounded theory, phenomenological discourse analysis, discourse ethnography, narrative analysis, or interactionist-based conversation analysis, among others, which generally have or can have as their purpose the analysis of the discourse itself. The objective of this article, in contrast, is in no case to carry out an analysis of the discourse as an end in itself. Here, the only thing that is interesting about the discourse or, more precisely, the tweets is the factual information they can provide in order to build the indicators of social space. So, to all intents and purposes, none of the tweet analysis processes practiced here or in all the other cases in which thematic qualitative analysis has been carried out in this research has absolutely nothing to do with these or other similar techniques nor with finalist orientations towards the discourse.

In fact, the only thing that was of interest was to obtain a “code,” a label as descriptive, concise, and brief as possible because the subsequent statistical treatment did not allow going further. This statistical treatment is indispensable if it is a question of carrying out a study of social structure, since “statistical analysis [...] is the only means to manifest the structure of social space” (Bourdieu, 2022: 504). This treatment also requires the maximum level of standardization of the classifiers obtained. The purpose of classifiers is to “classify.” Therefore, this analysis did not aspire to anything more than that. The final result of the analysis carried out can be consulted in the “description” column of the C# variables in the previous table, where one can see the categories code that configures the set of classifiers obtained. In the following Annex 3.2, in the “data sources” column, the total number of tweets classified by each C# classifier can also be consulted.

This table of categories was progressively configured, but the analysis of the tweets (and retweets, both were considered equally relevant) of the first 278 observations (or individuals or cases) was the most decisive. That is, the table was definitively profiled during the analysis of the first 4,726 tweets (approximately 17 tweets per individual were analyzed). These categories were exclusive, but the contents were not. For example, there were many tweets in which feminist postulates were attacked while opposing left-wing positions. Obviously, these tweets had to be classified in the two classifications enabled for this, which are specifically C12 (“Against the left”) and C32 (“Against gender and the ‘ideology’ of gender” —the same indigenous denomination used by these users was used, most categories are ‘in vivo’ categories but which, as has been seen, have a strong theoretical foundation from the point of view of the integration within the analytical model, not of its substantive content—). Not doing so was a breach in the observed reality. Another of the main characteristics of the analysis process is that it was not possible to carry out an iterative reading of the tweets. They were read only once due to the huge volume of tweets that had to be analyzed: for this particular analysis, 17,433 tweets were analyzed

over the course of two years without resting even a single day of the week. However, it can be said that in many cases there were retweets that had already been analyzed previously, which made it possible to compare the classifications made previously with the new ones to assess their reliability. This helped to recombine thematic categories that were redundant. However, the system of categories obtained finally reached a total of 105 classifying variables.

In this sense, it could be objected that the power of discriminating the contents of such a system of 105 categories would be very debatable. The case is that a Pearson correlation analysis was performed on the total number of tweets classified in each category. The assumption under which this test was conducted was precisely that if it was true that there were classifiers that classified the same content, then the number of tweets in each of these classifiers should be similar. The result of the test did not confirm this hypothesis in any case, since generally the correlations were always very low. And only 5 cases were found in which the correlations were relatively high: the correlations between the C72 and C73 classifiers (0.700, something completely understandable: the correlation between not having water, gas, electricity and gasoline and not having food and accommodation is expected), between being in favor of trade-unions (a variable that did not enter the final analysis) and the complaints on the trend towards poorer working conditions and greater job insecurity in public health and education (C99) (0.685, absolutely expected), between being against cruelty to animals (C63) and pet adoption offers (C70) (0.580, also very expected), between pet adoption offers (C70) and demands or offers for medical treatments for pets (another variable that did not enter the final analysis) (0.514, very expected); and, finally, between the activism in favor of diseases (C87) and the denunciation of injustices against sick people totally helpless by the health system and the State (this variable did not enter the final analysis either) (0.471, another highly expected correlation).

The tweets analyzed in the individual's classification variables C# and also in the dimension of religiosity (REL\_MESS, which is an 'in vivo' variable that is also part of these classifiers and was built following the same procedure described here; most of the tweets in this religiosity dimension were classified twice to check the stability of the coding framework) were analyzed consecutively; that is, the tweets were not selected, they had to be analyzed all in succession without choosing any; if 15 or 20 were to be analyzed, the first 15 or 20 that appeared in chronological order were analyzed. If there was one that was impossible to classify with the 105 classifiers available, it was classified in the corresponding "unclassified" box. Following this method, 92% (13,353/17,433 expressed in %) of the total tweets were classified. Only 8% of them were not classified. This data alone already gives a very clear idea of the classification power of the system of 105 classifiers obtained.

To finally say that behind many of the C# classification variables are phenomena that were emerging at the same time that these indicators were being constructed. Therefore, some of the first analyses on these events come from newspaper articles, and this has been pertinently stated in the section on the rationale of these variables when these analyses have been available. So, apart from the general theoretical foundation that has been indicated at the beginning of this explanation, this secondary theoretical foundation related to the more immediate social context can be added.

### Annex 3.2: Variable data sources, procedures, and rationale

Variable	Data sources	Analysis procedures	Rationale
<b>SEX</b>	Username, profile photo or others, self-definition, or, when necessary, analysis of tweets.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>AGE</b>	Profile photo or others, self-definition, analysis of tweets.	Manual review, tweet by tweet, to locate the relevant information	Elias (1991:vii-x), Lorente Fontaneda (2017)
<b>OCCUPATION</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to locate the occupation of each one. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>FAM_INTEGR</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out the family situation of each one. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1990b)
<b>CLOS_DISEAS</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out if they were close to sick people. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>SICK</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out if they are sick people. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>DISEASE</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out which is the most mentioned disease. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>IMMI</b>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out if they were immigrants. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<b>CAPITAL_NO</b>	Review of approximately 50 tweets from each of the 1,158 total database records to locate users geographically in the most detailed way possible. This makes a total of up to 58,000 analyzed tweets. Probably very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1999:125)
<b>SC_POS_REGI</b>	<p>Once the individuals were geographically located to the maximum detail from the review of the approximately 58,000 tweets, the maximum information was obtained on the levels of average gross income per capita—only for the municipalities and areas of Spain for which this information was available—or of poverty, with the rate of poverty or risk of poverty—for the municipalities of Spain where the average gross income per capita was not available and for other countries, since for different countries than Spain the rate or risk of poverty was preferred to facilitate the comparisons—, or the HDI, only for Venezuela, since it was the only indicator available for 2019, the most recent available. There were no data of any kind for Cuba and Singapore.</p> <p>For Spain: Expansión (2019) (average gross income per capita for the municipalities in 2019; the strata here are previously defined and have been adopted as it is); Expansión (2022) (poverty rate, when the municipality could not be identified or no data existed, data from the autonomous community have been imputed, the strata have been built a posteriori); Epdata (2021) (average gross income per capita for the neighborhoods of certain cities in 2018; the strata have been assimilated to those of Expansión, 2019 since the data came from the same source, the Spanish Tax Agency, and were based on the same methodology) (Annex 3.3).</p> <p>For the Basque Country 2020 poverty rates: Departamento de Igualdad, Pobreza y Políticas Sociales del Gobierno Vasco [Department of Equality, Poverty and Social Policies of the Basque Government] (2021). The strata have been built a posteriori, assimilating them to those obtained for the Spanish population as a whole from which they were part. It made no sense to build separate strata either statistically (because there were very few cases) or theoretically (because administratively they belonged to Spain) (Annex 3.3).</p> <p>For Navarra 2019: Observatorio de la Realidad Social [Observatory of Social Reality] (2021).</p> <p>For Germany 2019 poverty rates: Pieper et al. (2020). The strata have been constructed a posteriori, assimilating them to those obtained for Spain, because it is a relatively comparable country and because there was very little data on people living in Germany, which made statistical analysis impossible (Annex 3.3).</p> <p>For Ecuador 2014, no more recent years are available: Cabrera et al. (2014) (Annex 3.3).</p> <p>For Perú 2016, no more recent years are available: INEI (2017) (Annex 3.3).</p> <p>For México 2015, no more recent years are available for the required disaggregation or breakdown level (municipality): Coneval (2015) (Annex 3.3).</p>	Manual review, tweet by tweet, to locate the relevant information.	<p>Construction of average gross income per capita or poverty rate or risk of poverty strata (Annex 3.3) from discretization analysis, t and z tests for two samples to verify (in some cases: Venezuela) that the averages acting as class marks of the intervals were effectively different, and Dixon tests to identify outliers. In the case of Spain, Pearson correlation analyses were also carried out to check whether the poverty rates correlated with the HDI (obviously the correlation was inverse, but very strong: 0.861), so from the HDI could be inferred the corresponding poverty intervals (Low poverty; Moderate poverty; High poverty; Extreme poverty) when, as in the case of Venezuela, this information was not available. Since the HDI is a standardized index that seeks to have a fairly general validity regardless of the social contexts of application because what it seeks is the validity of the comparisons, this inference seemed reasonable and valid for a social context other than Spain.</p> <p>Hypothesis from the analytical model. At first it was thought to use the country simply as an indirect variable of what more directly measures this indicator. It was later thought that it would be best to proceed by measuring it directly, and so the country variable would be considered as a supplementary or illustrative variable. As advised by the philosophy behind scale analysis, a family of statistical techniques of which the MCA or PCA are part, it is always better to measure the same social fact with many variables than with one because the risk of being wrong is minor.</p>

Variable	Data sources	Analysis procedures	Rationale
	<p>For the USA 2019, no more recent years are available for the required disaggregation level (municipality): U.S. Census Bureau (2019). The strata have been built a posteriori, assimilating them to those obtained for Spain, because it is a relatively comparable country and because there was very little data on people living in the United States, which made statistical analysis impossible. (Annex 3.3).</p> <p>For France 2018, more recent years are not available for the required disaggregation level (municipality): Le Compas (2018). The strata have been built a posteriori, assimilating them to those obtained for Spain, because it is a relatively comparable country and because there was very little data on people living in France, which made statistical analysis impossible. (Annex 3.3).</p> <p>For Panamá 2015, no more recent years are available for the required disaggregation level (municipality): Ministerio de Economía y Finanzas y Banco Mundial [Ministry of Economy and Finance and World Bank] (2017) (Annex 3.3).</p> <p>For Colombia the year is unknown: DANE (n.d.) (Annex 3.3).</p> <p>For Australia 2015-2016, no more recent years are available for the required disaggregation level (municipality): Liu et al. (2020) (Annex 3.3).</p> <p>For London 2020: Trust for London (2020) (Annex 3.3).</p> <p>For Jerusalem 2017: Choshen &amp; Korach (2019) (Annex 3.3).</p> <p>For Venezuela 2019: Global Data Lab (2022) (Annex 3.3).</p> <p>For Chile 2017: Ministerio de Desarrollo Social y Familia [Ministry of Social Development and Family] (2017) (Annex 3.3).</p> <p>For Amsterdam 2017: Arellano Geoffroy &amp; Yue (2020) (Annex 3.3).</p> <p>For Paraguay 2019: Dirección General de Estadística, Encuestas y Censos [Directorate General of Statistics, Surveys and Censuses] (2020) (Annex 3.3).</p> <p>For Vienna 2015: OCDE (2018) (Annex 3.3).</p>		
<i>POL_DEF</i>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out the political trend. This makes a total of up to 58,000 tweets analyzed. Probably a very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39)
<i>COUNTRY</i>	Review of approximately 50 tweets from each of the 1,158 total records in the database to find out in which country the users lived. This makes a total of up to 58,000 tweets analyzed. Probably a very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C2</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. [Approximately] 138 tweets [referring to this classifier].	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C3</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 110 tweets.	Qualitative thematic content analysis	Fernández (2022)
<i>C7</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 488 tweets.	Qualitative thematic content analysis	Cantón (2021b), Gilbert (2021), Martí Puig (2021), Noain (2022)
<i>C8</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 745 tweets.	Qualitative thematic content analysis	Cantón (2021b), Gilbert (2021), Martí Puig (2021), Noain (2022)
<i>C12</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 3,199 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39), Noain (2022)
<i>C13</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 363 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39)
<i>C14</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 242 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39), Noain (2022)
<i>C15</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 557 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C17</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 488 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39)
<i>C24</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 197 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C27</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 363 tweets.	Qualitative thematic content analysis	Casals (2021), Gómez (2021), Noain (2022)
<i>C29</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 198 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C31</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 357 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b)

Variable	Data sources	Analysis procedures	Rationale
			Merton et al. (1990), Noain (2022)
C32	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 218 tweets.	Qualitative thematic content analysis	Bernárdez Rodal (2021), Fauró (2021), Fumanal (2021), Noain (2022)
C34	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 82 tweets.	Qualitative thematic content analysis	Cañete Bayle (2021), Noain (2022)
C36	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 145 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C39	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 82 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C40	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 708 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C42	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 316 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C43	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 102 tweets.	Qualitative thematic content analysis	Casals (2021), Gómez (2021), Noain (2022)
C46	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 113 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C49	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 106 tweets.	Qualitative thematic content analysis	Bourdieu (1984:315)
C51	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 383 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C52	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 465 tweets.	Qualitative thematic content analysis	Fernández (2022), Planas Bou (2021), Riverola (2021)
C56	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 275 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39), Fernández (2022), Pereda (2022), Planas Bou (2021), Riverola (2021)
C57	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 156 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39)
C59	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 88 tweets.	Qualitative thematic content analysis	Bourdieu (2022:564), Bourdieu & Chartier (2015:38-39), Fernández (2022)
C63	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 163 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C66	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 222 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C67	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 310 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
C70	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 117 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54),

Variable	Data sources	Analysis procedures	Rationale
			Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C72</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 500 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C73</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 261 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C74</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 50 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C75</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 310 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C79</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 170 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C85</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 172 tweets.	Qualitative thematic content analysis	Cantón (2021a), Fauró (2022), Fonalleras (2021), Jerez (2021), Noain (2022), Planas Bou (2022), Rico (2021), Riverola (2021), Yáñez-Richards (2021)
<i>C87</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 246 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C93</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 304 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C97</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 548 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>C99</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 134 tweets.	Qualitative thematic content analysis	Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>CI04</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 154 tweets.	Qualitative thematic content analysis	Bourdieu (1984:329, 2017:94-96)
<i>RESPONSE</i>	Annex 2	Annex 2	Annex 2, Bourdieu (2017:240-263), Merton et al. (1990)
<i>REL_MESSI</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 170 tweets.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>REL_MESS2</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 103 tweets.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>REL_MESS3</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 9 tweets.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)

Variable	Data sources	Analysis procedures	Rationale
<i>REL_MESS4</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 6 tweets.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>REL_MESS5</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate. 1 tweet.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>REL_MESS_MA</i>	Analysis of approximately 17 tweets for each of the 1,158 total records in the database. 17,433 total tweets analyzed other than the previous 58,000. 92% classification rate.	Qualitative thematic content analysis	Annex 3.4, Bourdieu (1984, 1988:21-23, 1999, 2000:62-64, 2015:11-120, 2017:240-263, 2022:501-530), Bourdieu & Chartier (2015:36-41, 51-54), Desrosières (2008a, 2008b), Merton et al. (1990)
<i>TRUMP</i>	Review of approximately 50 tweets for each of the 1,158 total records in the database to see if they were pro-Trump. This makes a total of up to 58,000 tweets analyzed. Probably a very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Onishi (2021)
<i>ANTIVAX</i>	Review of approximately 50 tweets for each of the 1,158 total records in the database to determine if they were pro- or anti-vax. This makes a total of up to 58,000 tweets analyzed. Probably a very conservative estimate.	Manual review, tweet by tweet, to locate the relevant information	Cantón (2021a), Fonalleras (2021), Jerez (2021), Noain (2022), Planas Bou (2022), Rico (2021), Riverola (2021), Yáñez-Richards (2021)

*Annex 3.3: Average gross income per capita or poverty rate/risk strata (where appropriate, the initial intervals are always the originals of the corresponding statistical agencies of each of the countries, and the end intervals are those adopted in this research)*

#### **Australia (original stratification as defined by Liu, Randolph & Bradbury)**

Dark green quintile 1 minimum poverty (0-20%) → Low poverty  
 Light green quintile 2 (20.1-40%) → Low poverty  
 Yellow quintile 3 average poverty (40.1-60%) → Moderate poverty  
 Orange quintile 4 (60.1-80%) → High poverty  
 Red quintile 5 maximum poverty (80.1-100%) → Extreme poverty

#### **Spain (original stratification as defined by the Spanish Tax Agency)**

*Income (the intervals are not continuous because they are based on the stratification of the data distribution of the average gross income per capita for the total Spanish population from Spanish Tax Agency, but as in the database only some municipalities of this distribution appear, the missing municipalities make the distribution and intervals of the database appear as discontinuous or, in some cases, overlapping intervals)*

Very low income [Dark red] (14,000-15,576€) → Very low income  
 Low Income [Light Red] (17,104-20,124€) → Low income  
 Relatively low income [Pink] (18,626-20,424€) → Low income  
 Average income [Yellow] (20,758-22,755€) → Average income  
 Relatively high income [Sky blue] (22,895-27,970€) → High income  
 High Income [Dark blue] (25,293-28,424€) → High income  
 Very high income [Darker blue] (28,502-82,188€) → Very high income

#### *Poverty (%)*

Low poverty [3.6; 13.9[  
 Moderate poverty [13.9; 21.6[  
 High poverty [21.6; 28.5[  
 Extreme poverty [28.5; 31.4]

The notation  $[a; b[$  means that a number  $x$  will be included within this interval if  $a \leq x < b$ . The notation  $[a; b]$  means that a number  $x$  will be included within that interval if  $a \leq x \leq b$ .

#### *HDI*

Extreme poverty [0.847; 0.875[  
 High poverty [0.875; 0.888[

Moderate poverty [0.888; 0.915[

Low poverty [0.915; 0.922]

Atypical values: 3.6% and 5.6% for the risk/rate of poverty (corresponding to two municipalities in the Basque Country) and 0.922 for the HDI.

The intervals for both the categorization of poverty and the HDI for Spain are the same since it has been found that the Pearson correlation coefficient, which has been calculated to find out if these two variables correlated well, was very high (-0.861; next to 0.9 indicative of a high correlation), which means that the higher the % of poverty, the lower the HDI, this would mean that these two variables measure more or less the same, which would imply that the intervals defined for one variable (% of poverty) would also be valid for the other (HDI). This opens the door to categorize Venezuela's HDIs in the same way or at least to base more or less directly the possible categorization of Venezuela in these analyses.

#### **Ecuador (original stratification as defined by the Instituto Nacional de Estadística y Censos de Ecuador)**

Low poverty [0.0-18.1%] → Low poverty

Average poverty [18.2-36.2%] → Moderate poverty

High poverty [36.3-54.3%] → High poverty

Very high poverty [54.4-72.4%] → Extreme poverty

Extreme poverty [72.5-90.5%] → Extreme poverty

#### **Perú (original stratification as defined by the Instituto Nacional de Estadística e Informática de Perú)**

Very low poverty [1.8-4.3%] → Low poverty

Low poverty [9.6-12%] → Low poverty

Relatively low poverty [14.0-18.1%] → Moderate poverty

Relatively high poverty [20.6-24.7] → High poverty

High poverty [32.4-36.1%] → High poverty

Very high poverty [43.8-50.9%] → Extreme poverty

#### **México (original stratification as defined by the Coneval from México)**

Low poverty [0-40%] → Low poverty

Average poverty [40-60%] → Moderate poverty

High poverty [60-80%] → High poverty

Extreme poverty [80-100%] → Extreme poverty

#### **Colombia (original stratification as defined by the Departamento Administrativo Nacional de Estadística, DANE, from Colombia)**

Poverty lower or equal to 25% → Low poverty

Poverty from 25% to 40% → Moderate poverty

Poverty from 40.1 to 50% → High poverty

Poverty from 50.1 to 75% → Extreme poverty

Poverty higher than 75% → Extreme poverty

#### **Argentina (original stratification as defined by the Centro de Implementación de Políticas Públicas para la Equidad y el Crecimiento, CIPPEC, from Argentina)**

Very low poverty [0-0.99%] → Low poverty

Low poverty [1-4.99%] → Low poverty

Moderate poverty [5-9.99%] → Moderate poverty

High poverty [10-14.99%] → High poverty

Very high poverty [15-24.99%] → High poverty

Critical poverty [25-100%] → Extreme poverty



### **Amsterdam (original stratification as defined by Arellano Geoffroy & Yue)**

Poverty lower than average (5.7%) → Low poverty  
Poverty 5.7-6.4% → Moderate poverty  
Poverty 6.5-7.4% → High poverty  
Poverty 7.5-8.4% → High poverty  
Poverty 8.5-9.4% → Extreme poverty  
Poverty 9.5% and above → Extreme poverty

### **Paraguay**

*Poverty (%)*

Moderate poverty [12.6; 21.6[  
High poverty [21.6; 34.5[  
Extreme poverty [34.5; 37.3]

**USA, Germany, France, Austria, and the United Kingdom (the same categorization as for Spain has been used, since they are relatively similar countries and there are very few cases in the database, which prevented a good discretization)**

*Poverty (%)*

Low poverty [3.6; 13.9[  
Moderate poverty [13.9; 21.6[  
High poverty [21.6; 28.5[  
Extreme poverty [28.5; 31.4]

**Chile (this classification is based on the discretization of the income poverty rates of the 345 administrative “communes” of Chile. As can be seen, the intervals in this case are also quite similar to those of Spain)**

*Poverty (%)*

Low poverty [0.1; 9.7[  
Moderate poverty [9.7; 17.4[  
High poverty [17.4; 27]  
Extreme poverty (atypical values) [27.5; 41.6]

**Panamá (this classification is based on the discretization of the poverty rates of the 631 districts or “corregimientos” of Panamá)**

*Poverty (%)*

Low poverty [0.9; 33.4[  
Moderate poverty [33.4; 63.6[  
High poverty [63.6; 90.7]  
Extreme poverty (atypical values) [90.8; 99]

### *Annex 3.4: Types of religious messages in the dimension of religiosity*

Spontaneous or unarticulated religious manifestations (Religious Messages Type I): these are all those signs that religion, God, or similar have a role that may be more or less central in the person’s life. These manifestations are characterized by their lack of discursive or reasoned foundation. They can take very diverse forms but are usually very diffuse: they can be a taste for art or religious imagery (typical carvings of Saints in procession at Holy Week), the more or less frequent use of certain expressions (“God bless you,” “May the Virgin accompany you,” “Amen,” etc.), or other similar ones.

Orthodox religious discourse (Religious Messages Type II): these are almost harangues in the orthodox sense, most of the time as they appear in the Bible or other sacred books: “You are my God, and I sigh for You day and night. When I first knew You, You took me up, so that I might see that there was something to see, but that I was not yet one able to see it.” Saint Augustine.

(Confessions, Book VII, Chapter 10.16). Or they can also be an adaptation of this type of discourse based on these contents, adopting its form and meaning to express very similar but slightly different things. That is to say, they often take the form of traditional prayers, adapted to the Internet context, prayers, blessings, etc., adopting both the form of this type of discourse and its original meaning of requests addressed to God to grant what is asked.

Religious propaganda by deed, or “practice what you preach” (Messages Type III): in this case the message is characterized by the almost absence of a message since it is replaced by the action of “MC” (among others, but this person was the one that appeared the most). This boy embodies with his action and his figure the absence of a non-existent Welfare State that cannot provide for the poorest: he offers food or anything else needed by those who are “lucky enough” to run into him any day of the week, since he “works” daily in his charitable action inspired by God.

Heterodox religious discourse or anti-religious rhetoric (Messages Type IV) that flees from traditional religious rhetoric (modernizes it from other rhetoric) to transmit similar content. In one case, this rhetoric has been based on scientific discourse, but there may be other examples based on other types of rhetoric, such as internet tutorials. These are two cases that have appeared in the analyzed tweets.

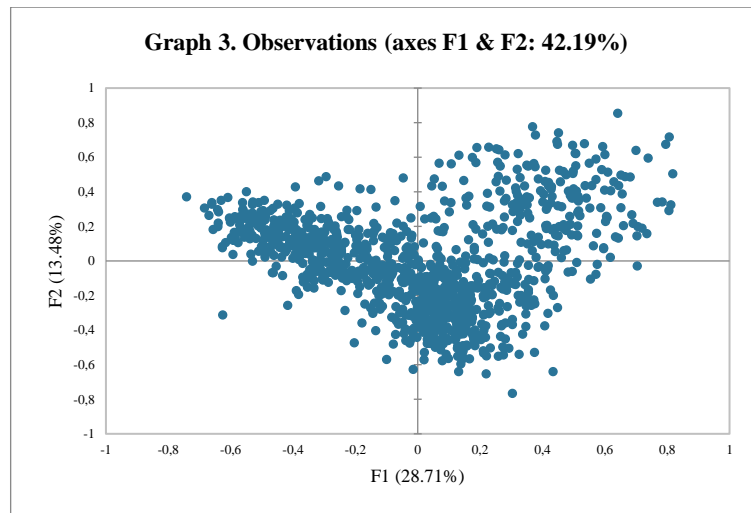
Spiritualist religious discourse (Messages Type V): here the typical form of religious discourse disappears almost completely and it is even difficult to recognize religious content. It is a highly sublimated and academically very elaborate religious discourse that is hidden as such behind an aspect of worldly spiritualism and in which certain values of Catholic culture stand out.

#### *Annex 3.5: Multiple Correspondence Analysis (MCA), criteria, axes, and graphs*

Disjunctive table of 1,068 lines or observations and 63 columns or variables, 53 of them active, and 10 supplementary or illustrative. Regarding the number and modalities of each variable, it is necessary to see Annex 3.1. It has been decided to consider as non-passive certain categories or observations that might have required it due to their high number of “missing values” or their infrequency, because, as will be seen below, these circumstances have not meant that any of these observations or categories have ended up contributing predominantly to any of the axes to the detriment of all the others.

This is a pioneering study on the social structure of triumphalist discourses of overcoming and celebrating a patient and legitimizing a disease or, more briefly, on comparative sociology of an ideology of the patient as hero. Most studies of this type are pure qualitative and completely ignore the social structure of the space in which these discourses are produced, which is the main contribution of this article. That is why there is still a lack of a systematic theory on what are the factors to consider in the study of this object of study as defined here. This means that there are no theoretical references to follow that serve as a guide when carrying out some of the “technical” operations carried out, such as, for example, the coding of variables or their possible recoding, decisive moments in all MCA. However, in carrying out this study two main considerations have been taken into account. Firstly, that both the selection strategy of the classifying variables (the predominant ones) and the weighting of the relative weight of each classifying variable in relation to the total number of variables is based on the need to achieve correspondence between the variables obtained and their relative weight in the database prepared and in the social space analyzed. In other words, efforts have been made to ensure that there was no selection of variables and that both their number or distribution and their type or content reflected as faithfully as possible the diversity of principles of vision and division existing in the analyzed social space. Attempts have been made to respect the principle of correspondence between the models formulated and the social reality studied. This means that the latent dimensions obtained reflect both quantitatively and qualitatively those that occurred in the built social space. Secondly, that the theoretical choice that has been carried out in this research goes through the adoption of 6 types of interrelated dimensions: 1) the social properties ascribed to the individual (SEX, AGE, and OCCUPATION); 2) the distance (closeness-remoteness) from the disease (CLOS\_DISEAS, SICK, and DISEASE), which in turn would be closely related to 3) the degree of family integration (FAM\_INTEGR); 4) the position occupied in the social pole of the social space

(IMMI, CAPITAL\_NO, SC\_POS\_REGI, POL\_DEF, C# variables, COUNTRY) and 5) the position occupied in the religious and beliefs pole of the social space (variables of the series REL\_MESS, TRUMP, ANTIVAX) and, finally, 6) the position taking (RESPONSE). In general, when encoding all these variables and also recoding them (the original encoding of the C# variables was a Likert scale with 5 categories: none, few, some, quite a few, majority, which finally became absent, present, extreme) it has been tried to respect the criteria indicated by Hjellbrekke (2019:94-98). In this sense, from the examination of one of the most important indicators that this author provides to know if the encoding of the variables is adequate, it can be seen that the structure of the observations corresponds quite closely to a triangular cloud of points. This type of disposition is usually a sign of relatively good variable encoding. But, as Benzécri himself said (mentioned by Hjellbrekke, 2019:100), “interpretation is the best kind of validation.” In this way, it seems that the opposition is insinuated between a highly concentrated and relatively homogeneous and integrated population, which must be the Spanish, and another somewhat more dispersed and probably more heterogeneous and disintegrated, which must surely bring together quite a few Venezuelans; a first hint or preliminary result that corresponds to what intuitively seems to be obtained. On the other hand, a look at Annex 3.9 shows that there is no observation that has contributed predominantly to any of the axes to the detriment of all the others. In fact, the contributions of the observations up to the 60% cumulative for the four axes considered are surprisingly balanced. This indicates a good encoding of the variables.



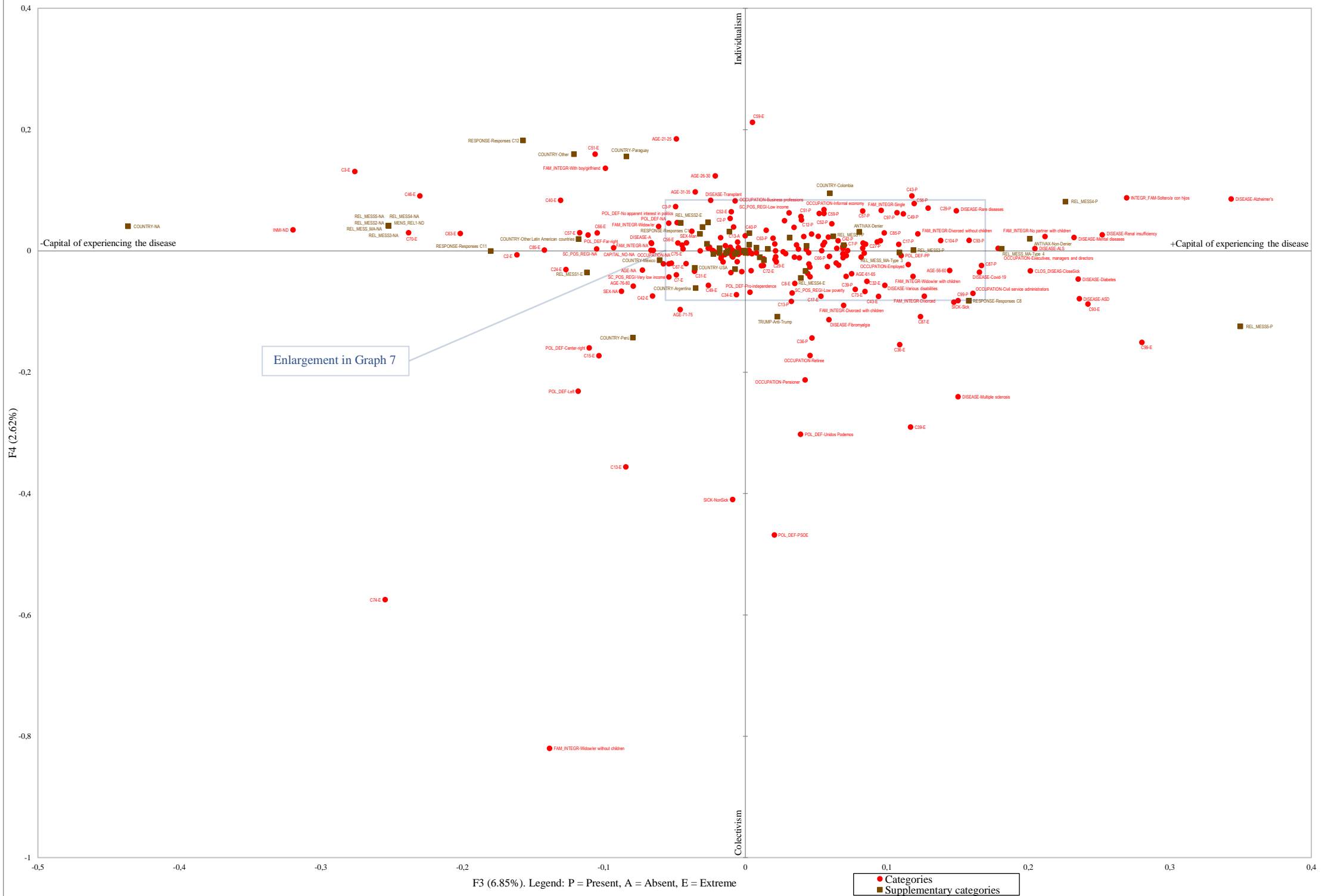
The adjusted total inertia (according to Greenacre’s formula) is 0.027. The sum of the eigenvalues of the 7 explanatory axes considered is 0.015. Only the first 4 axes will be represented, which are the ones that accumulate most of the inertia, from axis 4 the inertia added by each new axis is residual. The solution of the 7 total axes will be used in the AHC.

<b>Axes:</b> <b>Adjusted eigenvalues</b>	<b>Adjusted inertia %</b>	<b>Adjusted cumulative %</b>
<b>F1: 0.008</b>	28.712	28.712
<b>F2: 0.004</b>	13.477	42.189
<b>F3: 0.002</b>	6.846	49.035
<b>F4: 0.001</b>	2.617	51.652
<b>F5: 0.001</b>	2.135	53.787
<b>F6: 0.001</b>	1.903	55.690
<b>F7: 0.000</b>	1.813	57.503





Graph 6. Axes F3 (Capital of experiencing the disease) & F4 (Philosophies of consciousness, Individualism-Collectivism axis): 9.46%





Annex 3.6: MCA, explanatory variables-categories of axes F1-F7

Variable-category	F1%	F2%	F3%	F4%	F5%	F6%	F7%
SEX-Woman	0.577	0.007	1.031	0.625	0.526	0.765	1.193
SEX-Man	0.335	0.084	0.664	1.280	1.232	1.225	1.112
SEX-NA	0.354	0.314	0.467	0.708	0.943	0.282	0.059
AGE-21-25	0.000	0.108	0.025	0.949	0.170	0.008	0.353
AGE-26-30	0.047	0.565	0.017	1.541	0.252	1.807	0.005
AGE-31-35	0.080	0.219	0.086	1.693	0.212	0.010	0.128
AGE-36-40	0.002	0.312	0.031	0.037	0.160	0.013	0.798
AGE-41-45	0.108	0.134	0.129	0.423	0.046	0.350	0.267
AGE-46-50	0.018	0.091	0.205	0.038	1.298	0.022	0.152
AGE-51-55	0.000	0.011	0.352	0.015	0.188	0.002	0.528
AGE-56-60	0.002	0.025	1.312	0.174	0.056	0.176	0.051
AGE-61-65	0.001	0.010	0.301	0.200	0.049	0.076	0.185
AGE-66-70	0.001	0.121	0.000	0.109	0.406	1.117	0.160
AGE-71-75	0.064	0.033	0.061	0.714	0.052	0.815	1.095
AGE-76-80	0.081	0.001	0.042	0.060	0.194	1.416	1.357
AGE-NA	0.335	1.256	1.690	0.855	1.846	0.533	0.022
OCCUPATION-Other	0.032	0.007	0.030	0.008	0.421	0.016	0.070
OCCUPATION-Unemployed	0.003	0.001	0.089	0.081	0.118	0.314	0.269
OCCUPATION-Informal economy	0.465	0.055	0.072	0.280	0.803	0.318	0.262
OCCUPATION-Executives, managers and directors	0.000	0.009	0.247	0.000	0.269	0.068	0.126
OCCUPATION-Forces of law and order	0.462	0.008	0.063	0.144	0.014	0.068	0.029
OCCUPATION-Civil service administrators	0.000	0.045	0.376	0.187	0.642	0.040	0.245
OCCUPATION-Retiree	0.000	0.001	0.045	1.659	1.579	1.503	1.042
OCCUPATION-NA	0.011	0.515	2.160	0.001	0.547	0.445	0.737
OCCUPATION-Employed	0.063	0.330	0.476	0.049	0.342	1.051	0.445
OCCUPATION-Pensioner	0.001	0.092	0.012	0.803	0.151	0.122	0.006
OCCUPATION-Small entrepreneur/self-employed	0.129	0.169	0.336	1.219	0.519	0.115	1.363
OCCUPATION-"Social" professions and "care" procurement	0.110	0.164	0.435	0.233	0.238	1.877	0.401
OCCUPATION-Business professions	0.016	0.004	0.001	0.240	0.079	0.141	0.051
OCCUPATION-Legal professions	0.030	0.019	0.226	0.001	0.488	0.138	1.153
OCCUPATION-Technical/socio-technical professions	0.048	0.150	0.031	0.261	0.340	0.136	1.140
OCCUPATION-Employed worker	0.022	0.069	0.171	0.012	0.200	0.435	0.050
FAM_INTEGR-Married	0.004	0.113	0.195	0.002	0.126	0.020	0.894
FAM_INTEGR-Married with children	0.014	0.001	1.670	0.053	0.678	0.858	0.000
FAM_INTEGR-Divorced	0.001	0.035	0.016	0.014	0.006	0.233	0.003
FAM_INTEGR-Divorced with children	0.166	0.032	0.159	0.696	0.005	0.006	0.404
FAM_INTEGR-Divorced without children	0.018	0.052	0.043	0.006	0.060	0.021	1.376
FAM_INTEGR-NA	0.186	0.188	2.278	0.001	0.350	0.154	0.220
FAM_INTEGR-No partner with children	0.336	0.279	0.174	0.006	0.423	0.327	0.002
FAM_INTEGR-Separated with children	0.033	0.025	0.005	0.002	0.028	0.004	0.173
FAM_INTEGR-Single with children	0.029	0.143	0.281	0.077	0.373	0.175	0.001
FAM_INTEGR-Single	0.030	0.414	0.518	0.652	0.481	0.942	0.027
FAM_INTEGR-With boy/girlfriend	0.070	0.268	0.113	0.563	0.090	0.116	0.157
FAM_INTEGR-Widow/er	0.024	0.004	0.011	0.012	0.221	0.202	1.629
FAM_INTEGR-Widow/er with children	0.154	0.052	0.027	0.009	0.192	0.034	0.152
FAM_INTEGR-Widow/er without children	0.011	0.025	0.019	1.703	0.001	0.011	0.004
CLOS_DISEAS-NA	0.022	0.017	0.629	0.044	0.012	0.126	0.005
CLOS_DISEAS-CloseSick	0.173	0.130	4.830	0.339	0.095	0.967	0.040
SICK-Stick	0.359	0.305	1.955	1.681	1.123	0.040	0.884
SICK-NA	0.038	0.027	0.186	0.178	0.095	0.006	0.093
SICK-NonSick	0.106	0.031	0.000	0.426	0.346	0.208	0.210
DISEASE-Absent	1.136	0.012	2.876	0.257	0.034	1.138	0.139
DISEASE-Accident/Violence	0.314	0.127	0.014	0.004	0.021	0.020	0.378
DISEASE-Other	1.757	0.427	0.176	0.329	0.066	2.088	0.073
DISEASE-Alzheimer's	0.047	0.006	0.571	0.093	0.024	0.003	0.919
DISEASE-Heart diseases	0.116	0.008	0.004	0.000	0.321	0.023	0.389
DISEASE-Covid-19	0.395	0.001	0.796	0.094	0.258	0.728	0.000
DISEASE-Cancer	0.954	0.250	0.384	0.099	0.024	0.080	0.292
DISEASE-Diabetes	0.004	0.011	0.268	0.028	0.332	0.137	0.000
DISEASE-Various disabilities	0.000	0.217	0.188	0.164	0.002	0.012	0.000
DISEASE-ALS	0.037	0.102	2.393	0.002	0.026	1.179	0.060
DISEASE-Multiple sclerosis	0.000	0.313	0.109	0.733	0.000	0.089	0.007
DISEASE-Fibromyalgia	0.000	0.161	0.020	0.195	0.159	0.142	0.068
DISEASE-Renal insufficiency	0.002	0.000	0.308	0.009	0.057	0.041	0.089
DISEASE-Mental diseases	0.013	0.125	1.150	0.027	0.514	0.039	0.600
DISEASE-Rare diseases	0.000	0.291	0.280	0.143	0.033	0.580	1.227
DISEASE-ASD	0.047	0.000	0.647	0.190	0.312	1.299	0.181
DISEASE-Transplant	0.000	0.036	0.003	0.088	0.016	0.210	0.001
IMMI-Immi	0.829	0.787	0.043	0.032	0.440	0.484	0.011
IMMI-NA	0.018	0.001	1.187	0.037	1.318	0.002	0.038
IMMI-NonImmi	0.099	0.087	0.003	0.006	0.120	0.055	0.000
CAPITAL_NO-Capital	0.091	0.192	2.250	0.033	2.980	0.341	0.032
CAPITAL_NO-NA	0.059	1.133	3.556	0.026	6.662	0.339	0.193
CAPITAL_NO-NonCapital	0.018	0.975	0.211	0.003	1.469	0.005	0.170
SC_POS_REGI-NA	0.002	1.168	3.637	0.008	7.619	0.324	0.117
SC_POS_REGI-High poverty	0.401	0.007	0.009	0.032	0.079	0.031	0.000
SC_POS_REGI-Low poverty	0.599	0.251	0.101	1.160	0.041	2.862	0.035
SC_POS_REGI-Extreme poverty	2.755	1.791	0.371	0.210	2.585	0.086	0.003
SC_POS_REGI-Moderate poverty	0.048	0.026	0.102	0.012	0.002	0.269	0.001
SC_POS_REGI-High income	0.493	0.572	0.951	0.063	0.519	0.250	0.009
SC_POS_REGI-Low income	0.162	0.103	0.016	0.169	0.614	0.870	0.060
SC_POS_REGI-Average income	0.150	0.135	0.005	0.069	0.939	0.154	0.010
SC_POS_REGI-Very high income	0.491	1.562	1.132	0.016	1.546	0.017	0.049
SC_POS_REGI-Very low income	0.066	0.014	0.003	0.005	0.013	0.005	0.003
POL_DEF-Center-right	0.003	0.000	0.059	0.324	0.003	0.381	0.000
POL_DEF-Ciudadanos	0.183	0.004	0.010	0.000	0.033	1.339	0.366
POL_DEF-Considers the entire political class corrupt	0.323	0.095	0.003	0.095	0.038	0.635	0.138
POL_DEF-Right	0.027	1.905	0.390	0.325	0.106	1.228	0.105
POL_DEF-Left	0.110	0.952	0.621	6.244	0.001	2.805	0.121
POL_DEF-Avoid defining him/herself politically at all costs	0.026	1.044	0.061	0.054	0.603	1.657	6.787
POL_DEF-Guaidó/Capriles	0.864	1.788	0.079	0.015	0.017	0.168	1.461
POL_DEF-Pro-independence	0.001	0.363	0.000	0.071	0.062	0.391	0.216
POL_DEF-Liberal	0.371	0.019	0.451	0.035	0.069	0.005	0.420
POL_DEF-NA	0.160	0.045	0.008	0.016	1.654	0.239	0.471
POL_DEF-PP	0.518	0.028	0.388	0.005	0.753	0.001	0.028
POL_DEF-PSOE	0.000	0.113	0.003	3.890	0.010	0.017	0.071
POL_DEF-No apparent interest in politics	2.214	2.378	0.740	1.787	0.019	2.054	1.681



Variable-category	F1%	F2%	F3%	F4%	F5%	F6%	F7%
POL_DEF-Far-right	0.156	0.036	0.239	0.034	0.026	0.071	0.006
POL_DEF-Unidos Podemos	0.041	<b>0.851</b>	0.025	<b>3.935</b>	0.116	<b>0.989</b>	0.048
POL_DEF-VOX	<b>4.708</b>	<b>0.989</b>	0.137	0.001	0.000	0.031	<b>0.531</b>
C2-Absent	0.002	0.091	0.004	0.037	0.133	0.027	0.000
C2-Extreme	0.008	0.344	0.176	0.001	0.054	0.172	0.000
C2-Present	0.024	<b>0.873</b>	0.008	<b>0.518</b>	<b>1.632</b>	0.229	0.004
C3-Absent	0.006	0.043	0.021	0.057	0.000	0.108	0.000
C3-Extreme	0.034	0.108	<b>0.590</b>	0.346	0.213	0.042	0.001
C3-Present	0.075	<b>0.620</b>	0.120	<b>0.688</b>	0.009	<b>1.903</b>	0.002
C7-Absent	<b>1.584</b>	0.355	0.377	0.000	0.035	0.000	0.072
C7-Extreme	<b>0.698</b>	0.212	0.060	0.104	0.050	0.067	0.015
C7-Present	<b>3.492</b>	<b>0.746</b>	<b>1.242</b>	0.011	0.061	0.006	0.174
C8-Absent	<b>2.714</b>	0.242	0.383	0.001	0.130	0.088	0.136
C8-Extreme	<b>1.681</b>	0.425	0.070	0.432	0.303	0.267	<b>0.474</b>
C8-Present	<b>4.419</b>	0.255	<b>0.797</b>	0.065	0.114	0.061	0.081
C12-Absent	<b>1.643</b>	<b>5.865</b>	<b>1.343</b>	<b>0.486</b>	0.000	<b>0.470</b>	0.189
C12-Extreme	<b>4.000</b>	<b>3.697</b>	<b>0.464</b>	0.108	0.032	0.014	0.035
C12-Present	<b>0.729</b>	<b>0.477</b>	0.393	<b>1.674</b>	0.056	<b>0.521</b>	0.104
C13-Absent	0.019	0.119	0.000	<b>1.440</b>	0.004	<b>0.710</b>	0.031
C13-Extreme	0.004	<b>0.658</b>	0.276	<b>12.848</b>	0.123	<b>1.573</b>	0.032
C13-Present	0.202	0.276	0.107	<b>1.832</b>	0.162	<b>3.008</b>	0.171
C14-Absent	<b>0.525</b>	0.253	0.106	0.000	0.048	0.000	0.001
C14-Extreme	0.173	0.012	0.005	0.009	0.074	0.386	0.041
C14-Present	<b>2.286</b>	<b>1.195</b>	<b>0.499</b>	0.000	0.178	0.025	0.000
C15-Absent	0.004	<b>1.127</b>	0.215	<b>0.869</b>	0.091	<b>1.192</b>	0.165
C15-Extreme	0.089	0.124	<b>0.559</b>	<b>4.093</b>	0.000	0.168	<b>0.988</b>
C15-Present	0.001	<b>2.473</b>	<b>1.175</b>	0.391	0.231	<b>2.545</b>	0.050
C17-Absent	0.031	0.267	<b>0.799</b>	0.000	0.203	0.067	0.022
C17-Extreme	0.034	<b>0.577</b>	0.089	<b>0.454</b>	0.386	0.044	0.419
C17-Present	0.070	<b>0.489</b>	<b>2.541</b>	0.062	0.391	0.173	0.002
C24-Absent	0.246	<b>0.616</b>	0.007	0.001	0.046	0.112	0.338
C24-Extreme	0.383	<b>1.587</b>	0.342	0.053	0.027	0.021	<b>4.022</b>
C24-Present	<b>2.100</b>	<b>4.586</b>	0.380	0.000	<b>0.469</b>	<b>1.268</b>	<b>1.010</b>
C27-Absent	<b>0.991</b>	0.360	0.380	0.014	0.022	0.013	0.038
C27-Extreme	0.331	0.050	0.007	0.004	0.081	0.388	0.004
C27-Present	<b>3.387</b>	<b>1.305</b>	<b>1.471</b>	0.062	0.048	0.156	0.141
C29-Absent	0.053	0.004	0.259	0.190	<b>0.789</b>	0.012	0.024
C29-Extreme	0.147	0.085	0.001	0.011	<b>0.625</b>	0.406	0.072
C29-Present	0.300	0.012	<b>1.973</b>	<b>1.524</b>	<b>5.178</b>	0.210	0.245
C31-Absent	<b>1.254</b>	0.415	0.099	0.005	0.023	0.026	0.146
C31-Extreme	<b>0.724</b>	0.250	0.022	0.051	0.006	0.003	0.103
C31-Present	<b>3.732</b>	<b>1.240</b>	0.428	0.005	0.074	0.088	0.424
C32-Absent	<b>0.562</b>	0.134	0.146	0.001	0.003	0.001	0.075
C32-Extreme	0.172	0.018	0.057	0.052	0.025	0.093	0.026
C32-Present	<b>2.860</b>	<b>0.710</b>	<b>0.732</b>	0.020	0.030	0.021	<b>0.474</b>
C34-Absent	0.000	0.012	0.020	0.000	0.160	0.000	0.101
C34-Extreme	0.001	0.000	0.000	0.080	0.090	0.001	0.011
C34-Present	0.003	0.218	0.373	0.003	<b>2.549</b>	0.002	<b>1.911</b>
C36-Absent	0.077	0.053	0.027	<b>0.585</b>	0.003	0.221	0.054
C36-Extreme	0.067	0.101	0.127	<b>0.667</b>	0.001	0.050	0.241
C36-Present	<b>0.711</b>	0.440	0.183	<b>4.447</b>	0.036	<b>2.277</b>	0.370
C39-Absent	0.019	0.015	0.023	0.067	0.018	0.041	0.000
C39-Extreme	0.078	0.066	0.079	<b>1.282</b>	0.117	0.026	0.068
C39-Present	0.251	0.191	0.316	<b>0.553</b>	0.209	<b>0.668</b>	0.004
C40-Absent	0.014	0.414	0.144	0.385	<b>0.616</b>	0.280	0.168
C40-Extreme	0.008	<b>1.156</b>	<b>1.303</b>	<b>1.389</b>	<b>1.546</b>	0.293	0.100
C40-Present	0.056	<b>0.707</b>	0.008	<b>0.487</b>	<b>1.169</b>	<b>0.931</b>	<b>0.687</b>
C42-Absent	0.008	0.259	0.058	0.001	0.108	0.255	0.074
C42-Extreme	0.012	0.194	0.091	0.309	0.071	0.003	0.238
C42-Present	0.033	<b>1.311</b>	<b>0.563</b>	0.094	<b>0.556</b>	<b>1.780</b>	0.258
C43-Absent	0.053	0.002	0.059	0.059	0.000	0.000	0.011
C43-Extreme	0.015	0.026	0.069	0.115	0.001	0.425	0.018
C43-Present	<b>0.806</b>	0.010	<b>0.806</b>	<b>1.246</b>	0.003	0.079	0.221
C46-Absent	0.011	0.030	0.007	0.018	0.017	0.074	0.125
C46-Extreme	0.034	0.161	<b>0.461</b>	0.187	0.047	0.086	0.310
C46-Present	0.089	0.222	0.270	0.106	0.141	<b>1.086</b>	<b>1.085</b>
C49-Absent	0.017	0.049	0.026	0.015	0.052	0.001	0.005
C49-Extreme	0.064	0.255	0.007	0.082	0.009	0.004	0.009
C49-Present	0.229	<b>0.608</b>	<b>0.592</b>	<b>0.461</b>	<b>1.166</b>	0.010	0.086
C51-Absent	0.026	0.199	0.026	<b>0.698</b>	0.132	<b>0.692</b>	0.089
C51-Extreme	0.001	<b>0.472</b>	0.294	<b>1.735</b>	0.073	0.216	0.187
C51-Present	0.103	<b>0.456</b>	0.291	<b>1.572</b>	0.433	<b>2.449</b>	0.215
C52-Absent	0.058	0.235	0.065	0.232	0.068	0.134	0.007
C52-Extreme	0.077	0.435	0.004	<b>0.494</b>	0.086	0.173	0.116
C52-Present	0.207	<b>0.734</b>	<b>0.486</b>	<b>0.676</b>	0.248	<b>0.484</b>	0.000
C56-Absent	0.163	0.023	0.259	0.353	<b>0.915</b>	0.001	0.004
C56-Extreme	0.112	0.123	0.081	0.008	<b>0.472</b>	<b>1.636</b>	<b>2.101</b>
C56-Present	<b>0.813</b>	0.065	<b>1.948</b>	<b>2.174</b>	<b>4.739</b>	0.300	0.140
C57-Absent	0.013	0.029	0.079	0.168	0.264	0.003	0.022
C57-Extreme	0.005	0.232	0.106	0.018	0.038	0.136	0.081
C57-Present	0.096	0.131	<b>0.779</b>	<b>1.274</b>	<b>1.982</b>	0.064	0.119
C59-Absent	0.034	0.038	0.023	0.084	0.000	0.189	0.182
C59-Extreme	0.017	0.179	0.000	0.227	0.059	0.294	0.067
C59-Present	0.365	0.349	0.257	<b>0.821</b>	0.000	<b>1.913</b>	<b>1.965</b>
C63-Absent	0.068	0.000	0.002	0.013	0.061	0.095	0.428
C63-Extreme	0.080	0.139	<b>0.589</b>	0.051	0.236	0.347	<b>2.448</b>
C63-Present	<b>0.869</b>	0.034	0.032	0.092	0.392	<b>0.623</b>	<b>2.371</b>
C66-Absent	0.188	0.015	0.075	0.003	0.234	0.008	0.114
C66-Extreme	0.314	0.017	0.169	0.035	<b>1.473</b>	<b>1.776</b>	<b>1.190</b>
C66-Present	<b>0.680</b>	0.060	<b>0.572</b>	0.037	<b>0.545</b>	0.041	0.194
C67-Absent	<b>0.905</b>	0.397	0.092	0.015	0.043	0.126	0.083
C67-Extreme	<b>1.644</b>	<b>0.605</b>	0.073	0.048	<b>0.664</b>	<b>4.829</b>	<b>2.032</b>
C67-Present	<b>2.984</b>	<b>1.404</b>	<b>0.870</b>	0.037	0.005	0.109	0.004
C70-Absent	0.051	0.005	0.007	0.002	0.081	0.088	0.288
C70-Extreme	0.076	0.054	<b>0.767</b>	0.032	<b>0.655</b>	<b>1.785</b>	<b>1.772</b>
C70-Present	<b>0.753</b>	0.183	0.008	0.075	<b>0.716</b>	0.386	<b>2.897</b>
C72-Absent	<b>1.471</b>	<b>1.351</b>	0.088	0.037	0.000	0.005	0.003
C72-Extreme	<b>1.535</b>	<b>2.314</b>	0.001	0.128	<b>3.137</b>	0.139	<b>2.093</b>
C72-Present	<b>3.892</b>	<b>2.966</b>	0.388	0.354	<b>0.765</b>	0.121	0.373
C73-Absent	<b>0.770</b>	<b>0.729</b>	0.093	0.008	0.003	0.051	0.012
C73-Extreme	0.357	<b>0.648</b>	0.049	0.079	<b>0.738</b>	0.007	<b>0.506</b>

Variable-category	F1%	F2%	F3%	F4%	F5%	F6%	F7%
C73-Present	<b>3.949</b>	<b>3.560</b>	<b>0.474</b>	0.074	0.003	0.273	0.172
C74-Absent	0.033	0.013	0.010	0.000	0.024	0.010	0.009
C74-Extreme	0.003	0.017	0.063	<b>0.837</b>	0.006	0.051	0.327
C74-Present	<b>0.638</b>	0.274	0.238	0.007	<b>0.501</b>	0.224	0.265
C75-Absent	<b>0.637</b>	<b>1.041</b>	0.018	0.000	0.003	0.071	0.201
C75-Extreme	<b>0.672</b>	<b>1.774</b>	0.049	0.001	<b>2.221</b>	0.079	<b>3.109</b>
C75-Present	<b>3.254</b>	<b>4.736</b>	0.222	0.002	0.285	0.356	0.173
C79-Absent	0.040	0.000	0.000	0.001	0.138	0.000	0.410
C79-Extreme	0.000	0.106	0.020	0.008	0.048	0.059	0.088
C79-Present	0.325	0.003	0.007	0.004	<b>0.994</b>	0.003	<b>3.023</b>
C85-Absent	0.083	0.027	0.036	0.013	0.068	0.006	0.059
C85-Extreme	0.069	0.032	0.195	0.000	0.007	0.031	0.005
C85-Present	<b>0.885</b>	0.282	<b>0.710</b>	0.169	<b>0.828</b>	0.118	<b>0.720</b>
C87-Absent	0.005	0.179	<b>0.567</b>	0.079	0.072	<b>0.470</b>	0.123
C87-Extreme	0.032	<b>0.476</b>	0.327	<b>0.656</b>	0.006	<b>1.625</b>	0.004
C87-Present	0.015	<b>0.752</b>	<b>3.317</b>	0.183	<b>0.588</b>	<b>1.793</b>	<b>0.870</b>
C93-Absent	0.022	0.035	0.315	0.002	0.036	0.012	0.036
C93-Extreme	0.000	<b>0.721</b>	<b>1.420</b>	<b>0.488</b>	<b>0.482</b>	0.054	<b>0.966</b>
C93-Present	0.274	0.032	<b>1.792</b>	0.055	0.080	0.071	0.013
C97-Absent	0.000	0.204	0.188	0.092	0.141	0.188	<b>0.857</b>
C97-Extreme	0.003	<b>1.837</b>	0.382	0.024	<b>0.548</b>	<b>2.582</b>	<b>8.880</b>
C97-Present	0.000	0.155	<b>0.903</b>	<b>0.813</b>	0.424	0.015	0.405
C99-Absent	0.001	0.037	0.109	0.084	0.015	0.002	0.061
C99-Extreme	0.002	0.316	<b>0.684</b>	<b>0.519</b>	0.359	<b>0.687</b>	<b>1.675</b>
C99-Present	0.025	0.362	<b>1.183</b>	<b>0.921</b>	0.084	0.302	0.292
C104-Absent	0.030	0.008	0.301	0.012	0.024	0.076	0.000
C104-Present	0.225	0.063	<b>2.292</b>	0.090	0.180	<b>0.577</b>	0.000

In bold, explanatory categories: 1/total number of categories (225)  $\geq 0.444\%$ . Explanatory variables: 1/total number of variables (53)  $> 1.887\%$ . In red, categories with positive coordinates on the axis, in blue with negative coordinates. The information on the coordinates of the variables was obtained from the table of principal coordinates of the variables, not included.

Annex 3.7: MCA, explanatory variables-categories of each axis according to coordinates and order of importance of contribution

F1: Welfare and Rule-of-law States	
Positive coordinates	Negative coordinates
C73-Present: 3.95%	POL_DEF-VOX: 4.71%
C72-Present: 3.90%	C8-Present: 4.42%
C75-Present: 3.25%	C12-Extreme: 4%
C67-Present: 2.98%	C31-Present: 3.73%
SC_POS_REGI-Extreme poverty: 2.76%	C7-Present: 3.49%
C8-Absent: 2.71%	C27-Present: 3.39%
POL_DEF-No apparent interest in politics: 2.21%	C32-Present: 2.86%
C24-Present: 2.1%	C14-Present: 2.29%
DISEASE-Other: 1.76%	C8-Extreme: 1.68%
C67-Extreme: 1.64%	C72-Absent: 1.47%
C12-Absent: 1.64%	DISEASE-Absent: 1.14%
C7-Absent: 1.58%	C67-Absent: 0.91%
C72-Extreme: 1.54%	C85-Present: 0.89%
C31-Absent: 1.25%	C43-Present: 0.81%
C27-Absent: 0.99%	C73-Absent: 0.77%
DISEASE-Cancer: 0.95%	C31-Extreme: 0.73%
POL_DEF-Guaidó/Capriles: 0.86%	C7-Extreme: 0.70%
IMMI-Immi: 0.83%	C74-Present: 0.64%
C56-Present: 0.81%	C75-Absent: 0.64%
C70-Present: 0.75%	POL_DEF-PP: 0.52%
C12-Present: 0.73%	SC_POS_REGI-High income: 0.49%
C36-Present: 0.71%	SC_POS_REGI-Very high income: 0.49%
C66-Present: 0.68%	OCCUPATION-Forces of law and order: 0.46%
C75-Extreme: 0.67%	Total: 41.23%
SEX-Woman: 0.58%	
C63-Present: 0.57%	
C32-Absent: 0.56%	
C14-Absent: 0.53%	
SC_POS_REGI-Low poverty: 0.51%	
OCCUPATION-Informal economy: 0.47%	
Total: 44.47%	

F2: Position in social space, Social Right-Social Left axis	
Positive coordinates	Negative coordinates
C75-Present: 4.74%	C12-Absent: 5.87%
C24-Present: 4.59%	POL_DEF-No apparent interest in politics: 2.38%
C12-Extreme: 3.70%	C97-Extreme: 1.84%
C73-Present: 3.56%	SC_POS_REGI-Very high income: 1.56%
C72-Present: 2.97%	C72-Absent: 1.35%
C15-Present: 2.47%	C42-Present: 1.31%
C72-Extreme: 2.31%	C40-Extreme: 1.16%
POL_DEF-Right: 1.91%	C15-Absent: 1.13%
SC_POS_REGI-Extreme poverty: 1.79%	POL_DEF-Avoid defining him/herself politically at all costs: 1.04%
POL_DEF-Guaidó/Capriles: 1.79%	C75-Absent: 1.04%
C75-Extreme: 1.77%	CAPITAL_NO-NonCapital: 0.98%
C24-Extreme: 1.59%	POL_DEF-Left: 0.95%

F2: Position in social space, Social Right-Social Left axis	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
C67-Present: 1.40%	C2-Present: 0.87%
C27-Present: 1.31%	POL_DEF-Unidos Podemos: 0.85%
AGE-NA: 1.26%	C87-Present: 0.75%
C31-Present: 1.24%	C73-Absent: 0.73%
C14-Present: 1.20%	C52-Present: 0.73%
SC_POS_REGI-NA: 1.17%	C93-Extreme: 0.72%
CAPITAL_NO-NA: 1.13%	C40-Present: 0.71%
POL_DEF-VOX: 0.99%	C13-Extreme: 0.66%
IMMI-Immi: 0.79%	C3-Present: 0.62%
C7-Present: 0.75%	C24-Absent: 0.62%
C32-Present: 0.71%	C49-Present: 0.61%
C73-Extreme: 0.65%	C17-Extreme: 0.58%
C67-Extreme: 0.61%	AGE-26-30: 0.57%
OCCUPATION-NA: 0.52%	SC_POS_REGI-High income: 0.57%
C12-Present: 0.48%	C17-Present: 0.49%
Total: 47.4%	C87-Extreme: 0.48%
	C51-Extreme: 0.47%
	C51-Present: 0.46%
	Total: 32.1%

F3: Capital of experiencing the disease	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
CLOS_DISEAS-CloseSick: 4.83%	SC_POS_REGI-NA: 3.64%
C87-Present: 3.32%	CAPITAL_NO-NA: 3.56%
C17-Present: 2.54%	DISEASE-Absent: 2.88%
DISEASE-ALS: 2.39%	FAM_INTEGR-NA: 2.28%
C104-Present: 2.29%	OCCUPATION-NA: 2.16%
CAPITAL_NO-Capital: 2.25%	AGE-NA: 1.69%
C29-Present: 1.97%	C12-Absent: 1.34%
SICK-Sick: 1.96%	C40-Extreme: 1.30%
C56-Present: 1.95%	IMMI-NA: 1.19%
C93-Present: 1.79%	C17-Absent: 0.80%
FAM_INTEGR-Married with children: 1.67%	C70-Extreme: 0.77%
C27-Present: 1.47%	DEF_POL-No apparent interest in politics: 0.74%
C93-Extreme: 1.42%	SEX-Man: 0.66%
AGE-56-60: 1.31%	CLOS_DISEAS-NA: 0.63%
C7-Present: 1.24%	POL_DEF-Left: 0.62%
C15-Present: 1.18%	C3-Extreme: 0.59%
C99-Present: 1.18%	C63-Extreme: 0.59%
DISEASE-Mental diseases: 1.15%	C87-Absent: 0.57%
SC_POS_REGI-Very high income: 1.13%	C15-Extreme: 0.56%
SEX-Woman: 1.03%	SEX-NA: 0.47%
SC_POS_REGI-High income: 0.95%	C46-Extreme: 0.46%
C97-Present: 0.90%	Total: 27.5%
C67-Present: 0.87%	
C43-Present: 0.81%	
DISEASE-Covid-19: 0.80%	
C8-Present: 0.80%	
C57-Present: 0.78%	
C32-Present: 0.73%	
C85-Present: 0.71%	
C99-Extreme: 0.68%	
DISEASE-ASD: 0.65%	
C49-Present: 0.59%	
DISEASE-Alzheimer's: 0.57%	
C66-Present: 0.57%	
C42-Present: 0.56%	
FAM_INTEGR-Single: 0.52%	
C14-Present: 0.50%	
C52-Present: 0.49%	
OCCUPATION-Employed: 0.48%	
C73-Present: 0.47%	
C12-Extreme: 0.46%	
POL_DEF-Liberal: 0.45%	
Total: 52.41%	

F4: Philosophies of consciousness, Individualism-Collectivism axis	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
C56-Present: 2.17%	C13-Extreme: 12.85%
POL_DEF-No apparent interest in politics: 1.79%	POL_DEF-Left: 6.24%
C51-Extreme: 1.74%	C36-Present: 4.45%
C12-Present: 1.67%	C15-Extreme: 4.09%
C51-Present: 1.57%	POL_DEF-Unidos Podemos: 3.94%
C29-Present: 1.52%	POL_DEF-PSOE: 3.89%
C13-Absent: 1.44%	C13-Present: 1.83%
C40-Extreme: 1.39%	FAM_INTEGR-Widow/er without children: 1.70%
SEX-Man: 1.28%	AGE-31-35: 1.69%
C57-Present: 1.27%	SICK-Sick: 1.68%
C43-Present: 1.25%	OCCUPATION-Retiree: 1.66%
OCCUPATION-Small entrepreneur/self-employed: 1.22%	AGE-26-30: 1.54%
AGE-21-25: 0.95%	C39-Extreme: 1.28%

F4: Philosophies of consciousness, Individualism-Collectivism axis	
<i>Positive coordinates</i>	<i>Negative coordinates</i>
C15-Absent: 0.87%	SC_POS_REGI-Low poverty: 1.16%
C59-Present: 0.82%	C99-Present: 0.92%
C97-Present: 0.81%	AGE-NA: 0.86%
C3-Present: 0.69%	C74-Extreme: 0.84%
C52-Present: 0.68%	OCCUPATION-Pensioner: 0.80%
FAM_INTEGR-Single: 0.65%	DISEASE-Multiple sclerosis: 0.73%
FAM_INTEGR-With boy/girlfriend: 0.56%	SEX-NA: 0.71%
C2-Present: 0.52%	AGE-71-75: 0.71%
C36-Absent: 0.51%	FAM_INTEGR-Divorced with children: 0.70%
C40-Present: 0.49%	C51-Absent: 0.70%
C52-Extreme: 0.49%	C36-Extreme: 0.67%
C49-Present: 0.46%	C87-Extreme: 0.66%
Total: 26.81%	SEX-Woman: 0.63%
	C39-Present: 0.55%
	C99-Extreme: 0.52%
	C12-Absent: 0.49%
	C93-Extreme: 0.49%
	C17-Extreme: 0.45%
	Total: 59.43%

In the positive pole of the F1 axis we have, on the one hand, a series of variables that apparently allude directly to the socioeconomic organization of the social space (lack of food and housing [C73]; of water, electricity, gasoline, health resources, justice, and education [C72]; of medicines [C67]; the presence of various diseases and cancer; extreme and low poverty; the informal economy; immigration and the absence of discourse against this phenomenon; the offer of adoption of pets [C70]; job demands or the sale of goods and services [C66]) and that describe a scenario of extreme need. On the other hand, we have a whole string of indicators that would rather seem to be related to the socio-political organization of the social space (the repression of the State and the violation of fundamental rights [C75]; the absence of patriotism [C8] and the lack of “extremist” discourses of “Law and order” [C7]; lack of interest in politics; the need to end the dictatorship in Venezuela [C24] and the followers of Guaidó and Capriles; the absence of discourse against left [C12]; the non-existence of discourses against the left-wing media [C27]; the female sex; the absence of sexist discourses [C32, C36]; the absence of pro-market, pro-free market, pro-capitalism discourses [C14]; guaranteeing the rights of animals [C63]; motivational and self-overcoming discourses [C56]). It is not difficult to realize that these two sets of variables are clearly defining the nature of axis F1, a basic social institution in contemporary societies: it is the greater or lesser presence of Welfare and Rule-of-law States. In this case, this positive pole of the axis is specifically represented by the Venezuelan State, which would be an extreme example, with a clearly deficient or perhaps even non-existent Welfare and Rule-of-law State that is associated with violations of rights and situations of extreme need experienced by Venezuelan citizens as prototypical cases. The character of all these variables and of the axis itself will be better understood below with the description of the negative pole of the axis. In this pole, what stands out, on the contrary, is a whole series of variables that seem to correspond to the discourse of political formations such as Vox and the PP: patriotism [C8] and the discourse of “Law and order” [C7] (sometimes typical of people who have law enforcement jobs), the market-friendly discourse [C14], and conspiracy theories discourse [C85]; to be against the left [C12], the immigrants [C31], the left-wing media [C27], the gender [C32], and in favor of the “unofficial” media [C43]. That is, what we are seeing here is exactly the same as what was previously seen for the positive pole, but now with a better definition. Because all these variables speak us of the right to participation, organization, expression and political opposition which, as can be seen clearly, goes so far as to go against the established governments and their political ideologies to an extent that at times would seem properly “extremist,” never better said, because it violates principles firmly established in the constitutional charters. But this is what democracy is all about, allowing even the most extreme political expressions and dissent, or so it should be in all cases and for all. That is why this whole series of variables appeal to a whole set of rights belonging to the Rule-of-law States and that, in social spaces such as Venezuela, would not seem to be guaranteed, as many of the indicators analyzed above point out very clearly. It is also very striking that the importance of the contributions to this axis of the two types of variables, those referring to the State in its aspect of political rights, and those that refer to the well-being that it provides to its citizens, obey a chiasmatic structure: while, in the case of social spaces with deficient or

non-existent Welfare and Rule-of-law States (positive pole), the greatest contributions correspond to the variables that allude to the material provision of survival by the State, in the societies with existing or relatively stronger Welfare and Rule-of-law States (negative pole), correspond to the rights to participation, organization, expression and political opposition. This is how, in the negative pole, the contributions of variables such as having food and housing relatively assured [C73], water, electricity, gasoline, health resources and education [C72], medicines [C67], the absence of noteworthy diseases, or enjoying a State that guarantees fundamental rights and enjoying a high and very high income are the least prominent, and would seem to have no value, unlike what happens in the positive pole, where these facts are the most important quantitatively, perhaps because they are missing. This is how this axis would seem to describe in a relatively clear way a whole series of rights and phenomena that would only be understood from the explicit reference to existing or relatively stronger Welfare and Rule-of-law States in relation to others that do not exist, are deficient or relatively much less strong.

The F2 axis remains, as F1 was, an eminently structural axis, but this time in terms of the social position of individuals in the social space. It would be, without being so, an equivalent to the social class that divides the observations into two well-differentiated classes: the right and the left without these two factions being exclusively circumscribed or identified exactly with what could be considered two types of political positions because what describes this axis goes beyond the political position to achieve a much broader social positioning and living conditions. Thus, in the positive pole we find the positions of the right (right, Vox, Guaidó and Capriles, against the left [C12], against the left-wing media [C27], spokesmen for the discourse of “Law and order” [C7], against gender [C32]) which, in most cases, they live in conditions of great material and political misery (extreme poverty, corruption [C15], State repression and violation of fundamental rights [C75], ending the dictatorship in Venezuela [C24], lack of food and housing [C73], water, electricity, gas, health resources, justice, education [C72], and medicine [C67]). These right-wing positions are also often characterized by anti-immigration discourses (C31) —which are often assumed by people who are themselves immigrants — and those who are pro-free-market (C14). On the other hand, on the negative pole we have the social positions of the left (absence of discourse against the left [C12], with no apparent interest in politics, avoids defining oneself politically at all costs, left, Unidos Podemos, against the right [C13], commitment to public service/interest, [C17] instead of pro-market right-wing discourse). It is very striking that among those who occupy these social positions of the left within the social space disappear all that series of concerns related to material and political misery that appeared among their right-wing counterparts (absence of variables C15, C24, C72, C73, C75) to appear, instead, a whole series of indicators that, together, indicate the presence of better material living conditions and greater well-being, characteristics of those who live in social environments with very high or high incomes: the importance who takes up the profession among these people (C92), free time (team sports [C40], watching TV [C42], spending time on social media [C52], video games [C3]), consumption (C2), activism (disease activism [C87]), health concern (C93), literature (C49), or, very symptomatically, humor. These are aspects that, as can be clearly seen, define a relationship with the world that has nothing to do in one case (the right in this database) and in the other (the left in the specific case of this database), to the point that, like all these other resources, humor seems to be a luxury that is only within the reach of the best positioned in the social space.

The F3 axis is the capital of experiencing the disease, which is the current, future, or imagined (potential) propensity of oneself or one’s social circle to experience the disease; that is, both directly and by delegation. This depends on the following components, which are mainly defined by the positive pole of the axis. First, the distance (closeness-farness) with respect to the disease; that is, having close relatives or suffering from an illness oneself, alluding to various illnesses (ALS, mental diseases, covid-19, ASD, Alzheimer’s), referring to activism in favor of certain diseases [C87], to commitment to public service/interest (usually by the medical professions [C17]), to health and pharmaceutical industry issues (C93), to complaints on the trend towards poorer working conditions and greater job insecurity in public health and education (C99), or to demands for certain medicines or treatments (C67). Second, the degree of family integration: the capital of experiencing the disease seems to be typical of a high degree of family integration, more common in those who have children, probably minors. Third, it is also more common among

those who are older, between 56 and 60 years old. Fourth, this dimension, in this database, is strongly related to living in high and very high income environments (most likely Spain) (the variable C49 “literature” also points here) and typical of municipalities that are capital, and although less favored environments also appear (being employed or looking for work [C66], lack of food and housing [C73]), they contribute much less. The scheme described so far is also, in the fifth place, very consistent with being a woman (care tasks have traditionally been associated and continue to be associated with the female sex) and the *habitus* strongly imbued with professional aspirations (C97); an aspect that, in sixth place, also has a lot to do with the philosophies of consciousness, a facet that, although much less important (contributes approximately 17% to this pole), also appears (excellence, gift and merit as an ideology of the worth of the individual [C104], moralizing messages [C29], and individual-centered motivational messages [C56], against left-wing media messages [C27], “Law and order” messages [C7], against corruption messages [C15], in favor of non-official media contents [C43], on patriotism [C8], on phrases or texts of famous people and personality cult [C57], against gender [C32], on conspiracy theories [C85], in favor of the free-market [C14], on personal diaries [C52], against the left [C12], and in favor of political liberalism). The negative coordinates of this axis seem to confirm these interpretations. This is how, on the contrary, the capital of not experiencing the disease seems to be associated with not having a disease or not mentioning any, not having close patients (although it is impossible to know the value of this variable because it has missing values, a look to the graphical representation of the F3 axis seems to suggest that the imputed value of this variable in this case would be this), to the lack of activism in favor of diseases (C87), to the absence of being in favor of the commitment to public service/interest (which is usually that of the medical profession in this database, C17), to a low degree of family integration (probably no offspring; this value has been imputed by consulting the graph), to be older than 56-60 years and probably also of 70 (imputed value by consulting the graph), to be a man, to live in low income, very low income or poverty environments (imputed value by consulting the graph and also from the variable pet adoption offers [C70], against corruption [C15], and recorded music [C46]), and the absence of philosophies of consciousness (variable C12 absent, left-wing political positions and no apparent interest in politics).

The F4 axis corresponds to what is called “philosophies of consciousness” which consist of a series of generally widespread thought patterns taking very different forms (which change historically) but which are usually based on the matrix that opposes individual-society (individualism versus collectivism, liberalism versus socialism, individualism versus holism, etc.). It is not exclusively a way of thinking about politics as one might think, but it permeates everything and its influence can be felt even in the most unexpected places. In the ideology of the patient as a hero its influence is more than obvious. In this database, it can be seen from the outstanding contributions to the positive pole of this axis of the following variables: messages focused on the individual and motivational psychological contents (C56); no apparent interest in politics (apolitical); absence of not being against the right (C13); absence of not being against machismo (C36); jokes and humor (C51); against left (C12); moralizing messages, ethical precepts, lessons on how to live, setting an example (C29); phrases or texts of famous people, cult of personality and the individual (C57); non-official media (C43); professions such as the small entrepreneur/self-employed, men, those aged 21-25, or those who like team sports (C40); viral, spectacular, emotional videos and display of personal skills videos (C59); video games, apps and computers (C3); the contents on personal diaries and narration of subjective experiences (C52); or being single or living in couple but not married. This scheme of thought strongly impregnated with clearly individualistic components and a desire for liberalism contrasts strongly with the negative pole of the axis, in which totally opposite variables such as these dominate: being against the right (C13); pro-left; do not being against the left (C12); being against machismo (C36); being against corruption (C15); being pro-*Unidos Podemos* or pro-*PSOE*; being against right (C13); being widow/er and without children; being 26-35 years old; being sick or retired, being a pensioner, having multiple sclerosis, or living in a region of low poverty; the health and medicine contents (C93); being against racism and classism; the complaints on the trend towards poorer working conditions and greater job insecurity in public health and education; the absence of jokes and humor contents; disease activism; or the commitment to public service/interest. These are a

series of indicators that, taken in isolation or even without relating them to each other, would seem completely anecdotal to the point that the temptation to reject them as useless or ridiculous would be very great, but once the meaning they take from the systematic organization that gives them the interrelationships and associations between them that contribute to define this F4 axis is checked, it is more than obvious that they form two very opposite ways of thinking: one based on the individual, individualism and liberalism; and another based on society, collectivism, and socialism.

These four axes accumulate 51.652% of the total adjusted inertia. The axes must be considered in their interaction. The F1 axis (Welfare and Rule-of-law States) must be understood in relation to F2 (Position in the social space). In the case of these two axes, this is seen quite clearly intuitively. The same happens for the axes F3 (Capital of experiencing the disease) and F4 (Philosophies of the consciousness), that, as one can appreciate from this description, overlap in some points; in fact, the delimitation and interpretation of the axes is one of the most delicate moments of a MCA; it is most common to observe certain spaces in the factorial plane in which certain variables intersect, to the detriment of ease of interpretation. What underlies from these four axes and these intersections is the dialectic that is established between the objective structures (axes F1 and F2) and the dispositions of the *habitus* (axes F3 and F4) (Bourdieu, 1990a, 2022:394).

Annex 3.8: MCA, test values of variables-categories (active, in black, and supplementary, in brown) of axes F1-F7 (values in bold are significant for  $\alpha=0.05$ )

Variable-category	F1	F2	F3	F4	F5	F6	F7
SEX-Woman	<b>2.216</b>	0.166	1.447	-0.696	0.577	0.657	0.801
SEX-Man	-1.623	-0.556	-1.115	0.958	-0.849	-0.799	-0.743
SEX-NA	-1.275	0.824	-0.715	-0.545	0.568	0.293	-0.131
AGE-21-25	0.005	-0.471	-0.162	0.615	0.235	-0.047	0.312
AGE-26-30	0.460	-1.092	-0.136	0.795	0.291	-0.734	-0.039
AGE-31-35	0.610	-0.691	-0.308	0.846	-0.270	-0.057	0.194
AGE-36-40	-0.103	-0.825	0.187	-0.126	-0.235	-0.063	-0.484
AGE-41-45	0.721	-0.551	0.385	0.432	0.129	0.335	-0.286
AGE-46-50	0.300	-0.468	0.499	0.133	-0.701	-0.087	0.221
AGE-51-55	0.045	0.152	0.625	0.079	-0.255	-0.025	-0.394
AGE-56-60	-0.091	-0.230	1.201	-0.271	0.138	0.232	-0.122
AGE-61-65	0.051	-0.144	0.573	-0.288	-0.129	0.152	0.231
AGE-66-70	-0.048	0.504	-0.015	-0.212	-0.368	0.576	0.213
AGE-71-75	<b>0.533</b>	0.263	-0.255	-0.538	-0.131	0.491	0.555
AGE-76-80	0.593	-0.044	-0.210	-0.155	-0.251	0.640	0.611
AGE-NA	-1.449	1.923	-1.590	-0.699	0.928	-0.471	-0.093
OCCUPATION-Other	-0.376	-0.119	-0.178	0.056	0.371	0.069	0.140
OCCUPATION-Unemployed	-0.124	0.043	0.305	-0.181	-0.197	-0.303	0.273
OCCUPATION-Informal economy	1.435	0.337	0.276	0.336	-0.514	0.305	0.271
OCCUPATION-Executives, managers and directors	0.040	0.138	0.507	0.011	-0.295	-0.140	-0.186
OCCUPATION-Forces of law and order	-1.434	0.129	0.259	-0.242	-0.069	0.141	-0.091
OCCUPATION-Civil service administrators	0.032	-0.304	0.627	-0.273	0.458	0.108	0.261
OCCUPATION-Retiree	0.011	0.052	0.217	-0.818	-0.720	0.664	0.539
OCCUPATION-NA	0.296	1.405	<b>-2.051</b>	0.023	0.577	-0.491	0.616
OCCUPATION-Employed	-0.531	-0.834	0.713	-0.141	-0.338	-0.559	0.355
OCCUPATION-Pensioner	-0.079	-0.434	0.112	-0.565	0.221	-0.188	0.039
OCCUPATION-Small entrepreneur/self-employed	-0.795	-0.623	0.628	0.739	-0.435	0.193	-0.650
OCCUPATION-“Social” professions and “care” procurement	0.737	-0.617	0.716	-0.324	0.296	0.784	-0.354
OCCUPATION-Business professions	-0.267	-0.085	-0.027	0.310	-0.160	-0.202	0.119
OCCUPATION-Legal professions	-0.366	0.202	0.491	-0.023	0.403	0.202	-0.570
OCCUPATION-Technical/socio-technical professions	0.466	-0.563	0.183	0.327	-0.337	-0.202	-0.570
OCCUPATION-Employed worker	0.311	-0.380	0.428	-0.071	-0.258	-0.360	-0.119
FAM_INTEGR-Married	0.130	-0.490	0.459	0.029	-0.206	-0.078	0.480
FAM_INTEGR-Married with children	0.300	-0.051	1.588	-0.175	-0.565	0.600	-0.010
FAM_INTEGR-Divorced	0.072	0.267	0.127	-0.075	-0.042	-0.259	0.030
FAM_INTEGR-Divorced with children	0.863	-0.260	0.412	-0.533	0.043	-0.043	0.338
FAM_INTEGR-Divorced without children	0.283	-0.325	0.211	0.049	-0.139	-0.077	0.614
FAM_INTEGR-NA	-1.298	0.895	<b>-2.219</b>	0.025	0.486	-0.305	-0.355
FAM_INTEGR-No partner with children	1.209	0.754	0.424	0.047	-0.370	0.307	0.021
FAM_INTEGR-Separated with children	0.379	0.224	-0.074	-0.029	-0.095	0.033	-0.218
FAM_INTEGR-Single with children	0.356	-0.540	0.540	0.175	0.347	0.224	-0.014
FAM_INTEGR-Single	0.368	-0.943	0.752	0.522	0.405	-0.535	0.089
FAM_INTEGR-With boy/girlfriend	0.554	-0.742	-0.344	0.474	-0.171	-0.184	0.208
FAM_INTEGR-Widow/er	0.325	-0.094	-0.106	0.070	-0.267	0.241	-0.668
FAM_INTEGR-Widow/er with children	0.816	0.324	0.168	-0.060	0.249	0.100	-0.204
FAM_INTEGR-Widow/er without children	0.219	-0.224	-0.138	-0.820	-0.015	-0.056	0.033
CLOS_DISEAS-NA	-0.919	0.546	<b>-2.374</b>	0.389	0.186	-0.560	-0.111
CLOS_DISEAS-CloseSick	0.919	-0.546	<b>2.374</b>	-0.389	-0.186	0.560	0.111
SICK-Sick	1.305	-0.824	1.487	-0.852	0.629	0.112	0.514
SICK-NA	-1.372	0.793	-1.479	0.892	-0.590	-0.138	-0.538
SICK-NonSick	0.679	0.251	-0.009	-0.410	-0.334	0.245	0.240
DISEASE-Absent	<b>-3.665</b>	-0.262	<b>-2.847</b>	0.526	-0.173	-0.944	-0.322
DISEASE-Accident/Violence	1.172	0.510	0.122	-0.038	0.083	-0.076	0.323
DISEASE-Other	<b>2.886</b>	0.975	0.446	-0.377	-0.153	0.810	0.147
DISEASE-Alzheimer's	-0.454	-0.113	0.769	0.192	0.088	0.029	0.502
DISEASE-Heart diseases	0.709	0.125	0.064	-0.011	-0.322	-0.082	-0.327
DISEASE-Covid-19	1.326	0.053	0.919	-0.196	0.292	-0.463	-0.007
DISEASE-Cancer	<b>2.130</b>	0.746	0.660	-0.207	0.091	0.159	0.296
DISEASE-Diabetes	-0.124	0.150	0.527	-0.105	-0.328	-0.198	-0.003
DISEASE-Various disabilities	0.032	-0.671	0.445	-0.257	0.025	-0.058	-0.011

Variable-category	F1	F2	F3	F4	F5	F6	F7
DISEASE-ALS	-0.413	-0.468	1.617	0.029	0.094	0.598	-0.132
DISEASE-Multiple sclerosis	-0.008	-0.799	0.337	-0.539	-0.002	-0.160	0.045
DISEASE-Fibromyalgia	0.006	-0.574	0.145	-0.278	0.227	0.203	0.137
DISEASE-Renal insufficiency	0.090	-0.008	0.565	0.059	0.136	0.108	-0.156
DISEASE-Mental diseases	0.236	-0.509	1.101	0.104	0.411	0.107	0.409
DISEASE-Rare diseases	0.041	-0.774	0.541	0.239	0.103	0.410	-0.583
DISEASE-ASD	0.455	0.032	0.822	-0.275	-0.319	0.614	0.224
DISEASE-Transplant	-0.010	0.270	-0.055	0.186	-0.071	0.246	-0.020
IMMI-Immi	<b>1.994</b>	1.330	0.222	0.119	0.396	-0.392	-0.058
IMMI-NA	0.283	0.036	-1.113	0.121	0.655	-0.023	0.102
IMMI-NonImmi	<b>-1.995</b>	-1.279	0.167	-0.154	-0.600	0.381	0.020
CAPITAL_NO-Capital	0.853	-0.849	<b>2.070</b>	-0.154	-1.330	-0.425	-0.127
CAPITAL_NO-NA	-0.654	1.956	<b>-2.469</b>	0.131	1.887	0.402	0.296
CAPITAL_NO-NonCapital	-0.298	-1.521	0.505	0.036	-0.743	0.042	-0.233
SC_POS_REGI-NA	0.109	1.868	<b>-2.348</b>	0.069	1.898	0.370	0.216
SC_POS_REGI-High poverty	-1.341	0.119	-0.098	-0.115	0.162	0.097	-0.012
SC_POS_REGI-Low poverty	1.555	-0.748	0.338	-0.709	0.121	-0.950	-0.103
SC_POS_REGI-Extreme poverty	<b>3.713</b>	<b>2.051</b>	0.665	0.309	-0.981	0.169	-0.031
SC_POS_REGI-Moderate poverty	-0.467	-0.234	-0.334	0.070	-0.023	0.285	0.015
SC_POS_REGI-High income	-1.545	-1.140	1.048	0.166	-0.432	0.283	-0.053
SC_POS_REGI-Low income	-0.843	-0.460	0.129	0.260	-0.448	-0.504	0.129
SC_POS_REGI-Average income	-0.814	-0.529	0.074	0.167	-0.556	-0.213	-0.052
SC_POS_REGI-Very high income	-1.658	<b>-2.026</b>	1.229	-0.089	-0.802	-0.079	-0.132
SC_POS_REGI-Very low income	-0.534	0.169	-0.054	-0.043	-0.064	0.037	0.028
POL_DEF-Center-right	-0.118	-0.009	-0.247	-0.358	-0.031	-0.331	0.002
POL_DEF-Ciudadanos	-0.900	0.086	0.104	0.000	-0.105	0.627	-0.320
POL_DEF-Considers the entire political class corrupt	1.198	0.445	-0.055	-0.196	-0.112	-0.433	-0.197
POL_DEF-Right	0.388	<b>2.228</b>	0.719	0.406	0.210	-0.672	-0.192
POL_DEF-Left	0.705	-1.422	-0.819	-1.604	-0.015	-0.917	0.186
POL_DEF-Avoid defining him/herself politically at all costs	0.343	-1.477	0.254	-0.148	0.447	0.700	-1.382
POL_DEF-Guaidó/Capriles	<b>1.968</b>	1.939	-0.290	0.078	-0.074	-0.223	-0.643
POL_DEF-Pro-independence	0.074	-0.861	0.008	-0.168	-0.142	-0.336	-0.244
POL_DEF-Liberal	-1.299	0.201	0.699	0.121	0.153	-0.039	-0.347
POL_DEF-NA	0.854	0.301	-0.094	0.079	-0.731	0.262	-0.359
POL_DEF-PP	-1.521	-0.242	0.643	-0.047	-0.500	-0.015	0.088
POL_DEF-PSOE	0.045	-0.480	0.055	-1.243	-0.058	-0.070	0.140
POL_DEF-No apparent interest in politics	<b>3.722</b>	<b>-2.643</b>	-1.051	1.010	-0.093	0.923	0.815
POL_DEF-Far-right	-0.830	0.275	-0.501	0.117	0.092	0.144	-0.042
POL_DEF-Unidos Podemos	0.423	-1.325	0.162	-1.256	0.195	-0.537	0.116
POL_DEF-VOX	<b>-5.002</b>	1.571	0.417	-0.024	0.013	0.105	0.422
C2-Absent	-0.380	1.580	0.222	-0.443	0.760	0.323	0.035
C2-Extreme	0.191	-0.839	-0.428	-0.017	-0.132	-0.223	-0.002
C2-Present	0.336	-1.379	-0.094	0.468	-0.751	-0.265	-0.036
C3-Absent	-0.690	1.252	0.632	-0.638	0.047	0.748	0.028
C3-Extreme	0.384	-0.471	-0.783	0.371	-0.263	-0.110	-0.016
C3-Present	0.584	-1.151	-0.360	0.534	0.056	-0.757	-0.024
C7-Absent	<b>4.974</b>	-1.612	-1.186	-0.004	0.202	-0.002	-0.267
C7-Extreme	-1.760	0.665	-0.251	-0.205	-0.129	0.140	0.064
C7-Present	<b>-4.498</b>	1.425	1.310	0.077	-0.162	-0.048	0.252
C8-Absent	<b>6.148</b>	-1.258	-1.127	0.035	0.367	-0.285	-0.346
C8-Extreme	<b>-2.776</b>	0.956	0.277	-0.425	-0.321	0.285	0.371
C8-Present	<b>-5.069</b>	0.834	1.051	0.186	-0.222	0.153	0.173
C12-Absent	<b>3.411</b>	<b>-4.415</b>	-1.506	-0.560	0.008	0.469	0.291
C12-Extreme	<b>-5.246</b>	<b>3.455</b>	0.872	-0.260	0.128	-0.081	-0.122
C12-Present	<b>2.039</b>	1.130	0.731	0.933	-0.155	-0.444	-0.193
C13-Absent	0.777	1.338	-0.001	<b>2.053</b>	0.096	1.230	-0.250
C13-Extreme	0.139	-1.176	-0.544	<b>-2.295</b>	0.203	-0.685	0.095
C13-Present	-0.985	-0.788	0.349	-0.895	-0.240	-0.978	0.227
C14-Absent	<b>3.594</b>	-1.707	-0.787	0.014	-0.297	0.002	0.029
C14-Extreme	-0.870	0.158	0.073	-0.060	0.155	0.334	-0.106
C14-Present	<b>-3.444</b>	1.706	0.786	0.002	0.262	-0.093	-0.001
C15-Absent	-0.225	<b>-2.715</b>	-0.845	1.050	0.307	1.049	0.381
C15-Extreme	0.638	0.515	-0.780	-1.304	-0.012	-0.225	-0.533
C15-Present	-0.081	<b>2.606</b>	1.280	-0.457	-0.317	-0.994	-0.136
C17-Absent	-0.747	1.508	-1.859	0.004	-0.523	0.284	0.160
C17-Extreme	0.390	-1.099	0.307	-0.430	0.358	-0.114	-0.344
C17-Present	0.620	-1.120	1.821	0.176	0.399	-0.251	-0.024
C24-Absent	<b>-3.424</b>	<b>-3.712</b>	-0.281	0.070	0.405	0.595	1.008
C24-Extreme	1.301	1.814	-0.600	-0.145	-0.095	-0.079	-1.060
C24-Present	<b>3.127</b>	<b>3.166</b>	0.649	0.002	-0.403	-0.626	-0.545
C27-Absent	<b>4.512</b>	-1.863	-1.364	-0.160	0.183	0.133	-0.223
C27-Extreme	-1.205	0.321	0.084	-0.038	-0.162	0.336	0.035
C27-Present	<b>-4.272</b>	1.816	1.375	0.175	-0.139	-0.236	0.219
C29-Absent	-1.380	0.263	-1.488	-0.788	-1.450	0.170	-0.234
C29-Extreme	0.799	-0.416	0.030	-0.065	0.450	0.343	-0.140
C29-Present	1.211	-0.164	1.516	0.824	1.372	-0.261	0.275
C31-Absent	<b>4.937</b>	-1.944	-0.677	0.095	0.182	-0.182	-0.424
C31-Extreme	-1.788	0.689	-0.153	-0.143	-0.044	0.027	0.169
C31-Present	<b>-4.511</b>	1.782	0.746	-0.052	-0.173	0.178	0.382
C32-Absent	<b>3.944</b>	-1.321	-0.981	-0.061	-0.082	-0.044	-0.362
C32-Extreme	-0.866	0.189	0.244	-0.143	-0.091	-0.164	-0.085
C32-Present	<b>-3.814</b>	1.302	0.942	0.097	0.106	0.084	0.390
C34-Absent	0.098	-0.659	-0.603	0.026	-0.942	-0.026	-0.690
C34-Extreme	0.065	0.023	-0.015	-0.178	0.171	0.017	-0.056
C34-Present	-0.125	0.683	0.637	0.032	0.930	0.022	0.743
C36-Absent	-1.921	1.093	-0.557	1.488	-0.101	0.840	-0.405
C36-Extreme	0.541	-0.456	0.364	-0.515	-0.017	-0.121	0.258
C36-Present	1.829	-0.985	0.453	-1.381	0.113	-0.843	0.331
C39-Absent	-1.206	0.727	-0.651	0.688	-0.317	0.456	-0.013
C39-Extreme	0.582	-0.367	0.287	-0.713	0.195	-0.087	0.137
C39-Present	1.069	-0.639	0.586	-0.479	0.266	-0.450	-0.033
C40-Absent	0.558	<b>2.103</b>	0.883	-0.894	1.022	0.650	0.491
C40-Extreme	-0.198	-1.593	-1.205	0.769	-0.733	-0.301	-0.172
C40-Present	-0.521	-1.275	-0.097	0.466	-0.652	-0.550	-0.461
C42-Absent	0.475	1.893	-0.641	-0.052	0.486	0.706	-0.370
C42-Extreme	-0.235	-0.635	-0.310	-0.353	-0.153	0.028	0.258
C42-Present	-0.406	-1.746	0.815	0.206	-0.452	-0.765	0.284
C43-Absent	1.905	0.221	-0.980	-0.605	0.025	0.022	-0.214
C43-Extreme	-0.259	-0.231	0.267	-0.214	0.020	0.350	-0.070
C43-Present	-1.923	-0.147	0.939	0.722	-0.034	-0.155	0.253
C46-Absent	-0.742	0.855	-0.296	-0.292	-0.252	0.502	-0.636



Variable-category	F1	F2	F3	F4	F5	F6	F7
C46-Extreme	0.387	-0.574	-0.693	0.273	0.123	0.158	0.292
C46-Present	0.645	-0.699	0.550	0.212	0.222	-0.581	0.567
C49-Absent	-1.156	1.347	-0.698	-0.324	-0.552	-0.063	-0.165
C49-Extreme	0.529	-0.723	-0.083	-0.181	-0.054	0.032	0.050
C49-Present	1.018	-1.138	0.801	0.437	0.627	0.054	0.157
C51-Absent	-0.734	1.398	-0.360	-1.153	0.453	0.980	-0.344
C51-Extreme	0.077	-0.992	-0.558	0.838	-0.155	-0.252	0.229
C51-Present	0.740	-1.065	0.606	0.871	-0.413	-0.927	0.268
C52-Absent	-1.216	1.679	-0.631	-0.734	-0.360	0.476	-0.108
C52-Extreme	0.589	-0.961	-0.069	0.452	0.171	-0.228	0.182
C52-Present	1.012	-1.306	0.757	0.552	0.302	-0.398	0.010
C56-Absent	-2.170	0.556	-1.335	-0.964	-1.402	0.043	0.084
C56-Extreme	0.702	-0.505	-0.292	0.058	0.393	0.691	-0.765
C56-Present	2.014	-0.389	1.522	0.994	1.324	-0.315	0.210
C57-Absent	-0.706	0.715	-0.834	-0.752	-0.852	0.087	-0.226
C57-Extreme	0.154	-0.689	-0.332	0.084	0.111	0.198	0.149
C57-Present	0.684	-0.546	0.950	0.751	0.847	-0.144	0.191
C59-Absent	-1.340	0.964	-0.533	-0.635	0.009	0.810	-0.778
C59-Extreme	0.273	-0.603	0.007	0.300	-0.138	-0.291	0.135
C59-Present	1.311	-0.878	0.537	0.594	0.013	-0.773	0.764
C63-Absent	-1.761	-0.040	0.139	-0.229	0.456	-0.538	-1.112
C63-Extreme	0.593	-0.535	-0.785	0.111	-0.278	0.318	0.824
C63-Present	1.637	0.274	0.190	0.199	-0.371	0.441	0.840
C66-Absent	-2.179	-0.427	-0.671	0.088	0.663	-0.118	-0.427
C66-Extreme	1.174	0.186	-0.421	0.118	-0.694	0.719	0.575
C66-Present	1.868	0.381	0.837	-0.131	-0.456	-0.118	0.250
C67-Absent	-4.863	-2.207	-0.755	0.189	0.289	-0.467	-0.369
C67-Extreme	2.723	1.132	-0.279	-0.141	-0.472	1.202	0.761
C67-Present	3.843	1.806	1.013	-0.129	-0.045	-0.189	-0.037
C70-Absent	-1.924	-0.396	0.347	0.103	0.659	-0.649	-1.147
C70-Extreme	0.579	-0.334	-0.896	0.113	-0.462	0.720	0.701
C70-Present	1.850	0.625	0.092	-0.176	-0.492	0.341	0.912
C72-Absent	-5.450	-3.578	-0.651	-0.261	0.015	0.085	0.066
C72-Extreme	2.637	2.218	0.029	-0.230	-1.028	0.204	-0.774
C72-Present	4.511	2.696	0.695	0.410	0.545	-0.204	0.350
C73-Absent	-4.674	-3.116	-0.794	-0.141	0.075	0.308	-0.147
C73-Extreme	1.248	1.151	0.225	-0.178	-0.489	-0.046	-0.373
C73-Present	4.475	2.910	0.757	0.185	0.035	-0.303	0.235
C74-Absent	1.704	-0.730	-0.467	0.029	0.402	-0.240	-0.231
C74-Extreme	-0.115	-0.188	-0.255	-0.575	0.042	-0.121	-0.299
C74-Present	-1.703	0.764	0.508	0.053	-0.412	0.260	0.276
C75-Absent	-4.445	-3.893	-0.368	-0.033	0.084	0.381	0.628
C75-Extreme	1.727	1.922	-0.227	0.015	-0.856	-0.153	-0.933
C75-Present	3.990	3.298	0.509	0.029	0.322	-0.340	-0.231
C79-Absent	-1.222	0.039	-0.053	0.053	0.616	0.005	-0.979
C79-Extreme	-0.020	-0.466	-0.143	-0.057	-0.125	-0.130	0.156
C79-Present	1.258	0.080	0.091	-0.040	-0.600	0.029	0.964
C85-Absent	2.114	-0.833	-0.680	-0.254	-0.523	0.147	-0.448
C85-Extreme	-0.540	0.257	-0.451	0.003	0.048	0.095	0.037
C85-Present	-2.031	0.785	0.888	0.268	0.536	-0.191	0.460
C87-Absent	-0.409	1.637	-2.077	0.479	-0.413	-0.997	0.498
C87-Extreme	0.379	-0.993	0.587	-0.514	-0.043	0.690	-0.035
C87-Present	0.270	-1.314	1.967	-0.285	0.463	0.763	-0.518
C93-Absent	-1.006	0.870	-1.873	0.098	-0.353	-0.195	0.325
C93-Extreme	0.035	-1.225	1.225	-0.444	0.399	0.126	-0.520
C93-Present	1.128	-0.265	1.410	0.152	0.166	0.148	-0.062
C97-Absent	0.074	1.791	-1.225	-0.531	-0.593	-0.647	1.346
C97-Extreme	-0.114	-1.986	0.645	0.099	0.432	0.885	-1.601
C97-Present	0.003	-0.583	1.004	0.589	0.384	0.068	-0.346
C99-Absent	0.280	1.131	-1.382	0.752	-0.289	0.108	0.534
C99-Extreme	0.093	-0.805	0.844	-0.454	0.341	0.446	-0.680
C99-Present	-0.340	-0.880	1.134	-0.619	0.169	-0.302	-0.290
C104-Absent	1.049	-0.380	-1.636	-0.200	-0.256	0.433	-0.004
C104-Present	-1.049	0.380	1.636	0.200	0.256	-0.433	0.004
RESPONSE-Responses C1	-1.876	-0.191	-0.348	0.306	-0.135	0.116	-0.002
RESPONSE-Responses C2	-0.316	-0.330	0.090	0.058	0.034	-0.189	-0.260
RESPONSE-Responses C3	-0.328	-0.589	0.264	-0.280	0.014	-0.269	-0.068
RESPONSE-Responses C4	1.957	1.113	-0.259	0.112	0.063	0.395	0.249
RESPONSE-Responses C5	0.470	0.270	0.024	0.087	-0.243	0.104	0.227
RESPONSE-Responses C6	-1.573	-0.395	-0.220	0.053	-0.263	0.153	-0.066
RESPONSE-Responses C7	1.807	0.451	-0.160	-0.057	0.559	-0.188	0.578
RESPONSE-Responses C8	-0.103	-0.370	1.004	-0.523	-0.239	0.165	-0.379
RESPONSE-Responses C9	1.312	0.983	-0.076	-0.021	-0.055	-0.211	-0.466
RESPONSE-Responses C10	0.841	0.178	-0.128	0.229	0.390	0.133	0.231
RESPONSE-Responses C11	-0.407	0.247	-0.254	-0.001	0.218	0.129	0.101
RESPONSE-Responses C12	0.099	-0.259	-0.386	0.447	0.345	-0.136	0.045
COUNTRY-Other	0.212	-0.084	-0.171	0.226	0.114	-0.306	-0.144
COUNTRY-Other Latin American countries	0.664	0.261	-0.444	0.073	0.457	-0.014	-0.042
COUNTRY-Argentina	0.532	0.272	-0.106	-0.185	0.324	-0.033	0.199
COUNTRY-Chile	1.424	0.451	0.148	-0.116	0.141	-0.265	0.028
COUNTRY-Colombia	0.488	0.244	0.147	0.233	0.493	-0.511	-0.219
COUNTRY-USA	0.633	0.430	-0.124	-0.097	0.141	-0.184	-0.346
COUNTRY-Ecuador	0.951	-0.647	-0.053	-0.223	0.467	-0.783	-0.139
COUNTRY-Spain	-6.720	-2.742	0.674	0.135	-0.567	0.442	0.029
COUNTRY-Europe	-0.175	0.229	0.037	-0.044	0.175	0.262	0.137
COUNTRY-México	0.809	-0.200	-0.287	-0.073	0.533	-0.015	0.004
COUNTRY-NA	0.337	-0.038	-1.157	0.108	0.944	0.333	0.252
COUNTRY-Paraguay	0.559	-0.585	-0.223	0.413	-0.357	0.276	0.113
COUNTRY-Anglo-Saxon countries	0.104	0.272	-0.074	0.096	-0.062	-0.254	-0.281
COUNTRY-Perú	1.065	-0.988	-0.581	-1.047	0.469	-1.105	0.109
COUNTRY-Venezuela	5.895	4.026	0.045	0.453	-0.550	0.628	0.038
REL_MESS1-Absent	-1.820	-1.240	-0.440	-0.199	-0.324	0.026	-0.290
REL_MESS1-Extreme	1.136	0.061	-0.610	-0.194	0.160	0.520	0.112
REL_MESS1-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419
REL_MESS1-Present	1.430	1.351	0.793	0.305	0.291	-0.180	0.298
REL_MESS2-Absent	-1.640	-0.626	0.018	-0.339	-1.084	-0.039	-0.502
REL_MESS2-Extreme	0.809	0.039	-0.298	0.302	1.308	0.535	0.572
REL_MESS2-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419
REL_MESS2-Present	1.421	0.816	0.255	0.176	0.324	-0.387	0.221
REL_MESS3-Absent	-0.928	-0.444	-0.260	-0.017	-0.281	0.553	-0.246
REL_MESS3-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419

Variable-category	F1	F2	F3	F4	F5	F6	F7
REL_MESS3-Present	0.992	0.609	0.358	0.004	0.359	-0.574	0.400
REL_MESS4-Absent	-0.327	-0.128	-0.277	-0.105	0.047	-0.101	0.541
REL_MESS4-Extreme	0.169	0.187	0.055	-0.063	-0.190	0.262	-0.625
REL_MESS4-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419
REL_MESS4-Present	0.334	0.247	0.453	0.162	0.166	-0.040	-0.062
REL_MESS5-Absent	0.252	0.292	-0.069	0.059	0.101	0.052	0.323
REL_MESS5-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419
REL_MESS5-Present	-0.313	0.008	0.350	-0.124	0.044	-0.049	-0.037
REL_MESS_MA-Absent	-2.556	-1.337	-0.435	-0.312	-0.780	0.001	-0.531
REL_MESS_MA-NA	-0.043	-0.421	-0.252	0.041	-0.186	-0.025	-0.419
REL_MESS_MA-Type 1	1.620	1.119	0.559	0.104	0.128	0.078	0.239
REL_MESS_MA-Type 2	1.576	0.563	-0.117	0.329	0.996	-0.004	0.576
REL_MESS_MA-Type 3	0.777	0.305	0.218	-0.006	0.236	-0.454	0.138
REL_MESS_MA-Type 4	0.470	0.268	0.363	0.007	-0.170	0.044	-0.307
TRUMP-Anti-Trump	0.100	-0.015	0.086	-0.409	-0.114	-0.096	0.057
TRUMP-NA	-0.183	-3.077	-0.929	0.004	-0.315	0.827	0.032
TRUMP-Trump	0.158	3.193	0.935	0.128	0.363	-0.826	-0.051
ANTIVAX-NA	2.147	-0.187	-1.626	-0.310	-0.347	0.158	-0.475
ANTIVAX-Denier	-2.685	1.088	0.687	0.266	0.549	0.045	0.634
ANTIVAX-Non-Denier	-0.163	-0.906	1.574	0.155	-0.099	-0.274	-0.007

Annex 3.9: MCA, observations with greater contributions to each axis up to 60% accumulated

- F1:** i508 (0.6%), i195 (0.59%), i137 (0.58%), i141 (0.58%), i636 (0.57%), i481 (0.55%), i608 (0.53%), i1038 (0.49%), i815 (0.49%), i1067 (0.48%), i107 (0.46%), i1109 (0.45%), i843 (0.44%), i897 (0.44%), i147 (0.44%), i101 (0.43%), i1153 (0.42%), i804 (0.42%), i627 (0.42%), i133 (0.4%), i852 (0.4%), i453 (0.39%), i1095 (0.39%), i170 (0.39%), i849 (0.39%), i607 (0.38%), i649 (0.38%), i736 (0.38%), i595 (0.37%), i767 (0.37%), i122 (0.37%), i139 (0.37%), i672 (0.37%), i315 (0.37%), i81 (0.36%), i831 (0.36%), i36 (0.35%), i832 (0.35%), i1027 (0.35%), i585 (0.35%), i1123 (0.35%), i820 (0.34%), i208 (0.34%), i414 (0.34%), i871 (0.33%), i771 (0.33%), i145 (0.33%), i1148 (0.33%), i742 (0.33%), i863 (0.32%), i232 (0.32%), i91 (0.32%), i143 (0.32%), i1051 (0.32%), i212 (0.32%), i730 (0.32%), i136 (0.32%), i974 (0.32%), i964 (0.31%), i56 (0.31%), i290 (0.31%), i1152 (0.31%), i1077 (0.31%), i847 (0.31%), i699 (0.31%), i335 (0.31%), i952 (0.31%), i166 (0.3%), i270 (0.3%), i1122 (0.3%), i610 (0.29%), i207 (0.29%), i599 (0.29%), i238 (0.29%), i698 (0.29%), i960 (0.29%), i148 (0.29%), i877 (0.28%), i790 (0.28%), i953 (0.28%), i1060 (0.28%), i1079 (0.28%), i926 (0.28%), i1098 (0.28%), i864 (0.28%), i1049 (0.28%), i426 (0.27%), i1115 (0.27%), i503 (0.27%), i587 (0.27%), i409 (0.26%), i1057 (0.26%), i40 (0.26%), i553 (0.26%), i970 (0.26%), i152 (0.26%), i1156 (0.26%), i812 (0.26%), i576 (0.26%), i160 (0.26%), i509 (0.26%), i250 (0.26%), i602 (0.25%), i496 (0.25%), i657 (0.25%), i1008 (0.25%), i644 (0.25%), i88 (0.25%), i1137 (0.24%), i615 (0.24%), i240 (0.24%), i138 (0.24%), i1099 (0.24%), i562 (0.24%), i336 (0.24%), i908 (0.24%), i258 (0.24%), i1105 (0.24%), i909 (0.24%), i123 (0.23%), i884 (0.23%), i501 (0.23%), i1039 (0.23%), i768 (0.23%), i622 (0.23%), i638 (0.23%), i568 (0.23%), i845 (0.23%), i866 (0.23%), i1073 (0.23%), i304 (0.23%), i357 (0.23%), i268 (0.23%), i806 (0.23%), i855 (0.23%), i1023 (0.22%), i1103 (0.22%), i415 (0.22%), i1016 (0.22%), i674 (0.22%), i434 (0.22%), i886 (0.22%), i652 (0.22%), i829 (0.22%), i670 (0.22%), i75 (0.22%), i707 (0.22%), i474 (0.22%), i748 (0.22%), i297 (0.22%), i118 (0.22%), i947 (0.22%), i839 (0.22%), i779 (0.21%), i957 (0.21%), i696 (0.21%), i103 (0.21%), i807 (0.21%), i1085 (0.21%), i837 (0.21%), i373 (0.21%), i224 (0.21%), i1131 (0.21%), i531 (0.21%), i378 (0.21%), i873 (0.21%), i131 (0.2%), i255 (0.2%), i827 (0.2%), i764 (0.2%), i317 (0.2%), i578 (0.2%), i53 (0.2%), i266 (0.2%), i637 (0.2%), i1134 (0.2%), i32 (0.2%), i543 (0.2%), i328 (0.2%), i326 (0.2%), i1108 (0.19%), i944 (0.19%), i117 (0.19%), i1118 (0.19%), i1112 (0.19%), i842 (0.19%), i683 (0.19%), i340 (0.19%), i302 (0.19%), i95 (0.19%), i963 (0.19%), i990 (0.19%), i324 (0.19%), i1045 (0.18%), i227 (0.18%), i303 (0.18%), i61 (0.18%), i129 (0.18%), i1029 (0.18%), i1021 (0.18%), i461 (0.18%), i420 (0.18%), i447 (0.18%), i1138 (0.18%), i217 (0.18%), i1149 (0.18%), i1070 (0.18%), i85 (0.18%), i732 (0.18%), i617 (0.18%), i69 (0.18%), i777 (0.17%), i339 (0.17%), i786 (0.17%), i278 (0.17%), i691 (0.17%), i729 (0.17%), i355 (0.17%), i1119 (0.17%)
- F2:** i122 (0.88%), i862 (0.73%), i693 (0.71%), i61 (0.66%), i889 (0.64%), i137 (0.62%), i1149 (0.58%), i509 (0.55%), i636 (0.55%), i447 (0.55%), i829 (0.54%), i974 (0.53%), i279 (0.52%), i71 (0.52%), i994 (0.52%), i983 (0.51%), i743 (0.5%), i1141 (0.49%),

i1041 (0.49%), i147 (0.49%), i1146 (0.47%), i866 (0.47%), i845 (0.46%), i993 (0.46%), i91 (0.46%), i74 (0.45%), i756 (0.45%), i544 (0.43%), i484 (0.43%), i815 (0.43%), i238 (0.42%), i962 (0.4%), i904 (0.39%), i200 (0.39%), i669 (0.39%), i300 (0.39%), i784 (0.39%), i503 (0.39%), i193 (0.39%), i515 (0.39%), i306 (0.38%), i370 (0.38%), i264 (0.38%), i712 (0.37%), i86 (0.37%), i359 (0.37%), i568 (0.37%), i196 (0.36%), i538 (0.36%), i404 (0.36%), i222 (0.36%), i826 (0.36%), i972 (0.35%), i386 (0.35%), i621 (0.34%), i1042 (0.34%), i687 (0.34%), i253 (0.34%), i1152 (0.34%), i308 (0.33%), i1045 (0.33%), i83 (0.33%), i1107 (0.33%), i434 (0.32%), i326 (0.32%), i411 (0.32%), i871 (0.32%), i741 (0.31%), i975 (0.31%), i886 (0.31%), i508 (0.31%), i828 (0.31%), i739 (0.3%), i1033 (0.3%), i827 (0.3%), i620 (0.3%), i649 (0.3%), i656 (0.29%), i785 (0.29%), i1151 (0.29%), i778 (0.29%), i633 (0.29%), i852 (0.29%), i521 (0.29%), i1031 (0.29%), i627 (0.28%), i367 (0.28%), i1117 (0.28%), i527 (0.28%), i352 (0.28%), i1055 (0.28%), i114 (0.28%), i1104 (0.27%), i310 (0.27%), i192 (0.27%), i1092 (0.27%), i600 (0.27%), i618 (0.27%), i547 (0.27%), i698 (0.27%), i320 (0.26%), i977 (0.26%), i294 (0.26%), i704 (0.26%), i499 (0.26%), i526 (0.25%), i351 (0.25%), i36 (0.25%), i612 (0.25%), i963 (0.25%), i374 (0.25%), i1064 (0.25%), i478 (0.25%), i203 (0.25%), i154 (0.25%), i857 (0.25%), i161 (0.25%), i1080 (0.25%), i823 (0.25%), i720 (0.25%), i500 (0.24%), i262 (0.24%), i47 (0.24%), i1071 (0.23%), i160 (0.23%), i595 (0.23%), i1098 (0.23%), i740 (0.23%), i925 (0.23%), i10 (0.23%), i57 (0.23%), i406 (0.23%), i99 (0.22%), i456 (0.22%), i682 (0.22%), i1142 (0.22%), i361 (0.22%), i498 (0.22%), i982 (0.22%), i701 (0.22%), i632 (0.22%), i774 (0.21%), i186 (0.21%), i433 (0.21%), i674 (0.21%), i157 (0.21%), i442 (0.21%), i853 (0.21%), i902 (0.21%), i1093 (0.21%), i1004 (0.21%), i1001 (0.21%), i780 (0.21%), i654 (0.2%), i1051 (0.2%), i533 (0.2%), i142 (0.2%), i808 (0.2%), i820 (0.2%), i417 (0.2%), i734 (0.2%), i768 (0.2%), i664 (0.2%), i661 (0.2%), i378 (0.2%), i432 (0.19%), i519 (0.19%), i100 (0.19%), i220 (0.19%), i795 (0.19%), i587 (0.19%), i416 (0.19%), i103 (0.19%), i470 (0.19%), i623 (0.19%), i76 (0.18%), i775 (0.18%), i1126 (0.18%), i849 (0.18%), i520 (0.18%), i104 (0.18%), i878 (0.18%), i905 (0.18%), i116 (0.18%), i105 (0.18%), i794 (0.18%), i322 (0.17%), i598 (0.17%), i635 (0.17%), i957 (0.17%), i639 (0.17%), i1111 (0.17%), i939 (0.17%), i801 (0.17%), i805 (0.17%), i336 (0.17%), i299 (0.17%), i731 (0.17%), i477 (0.17%), i421 (0.17%), i1038 (0.17%)

- **F3:** i1123 (1.38%), i1108 (1.23%), i996 (1.18%), i1112 (0.93%), i828 (0.87%), i973 (0.86%), i1102 (0.78%), i1071 (0.72%), i1141 (0.68%), i359 (0.62%), i1072 (0.6%), i522 (0.59%), i327 (0.58%), i401 (0.58%), i690 (0.58%), i1097 (0.54%), i168 (0.54%), i951 (0.53%), i945 (0.53%), i711 (0.53%), i1142 (0.51%), i445 (0.5%), i424 (0.5%), i1146 (0.49%), i1063 (0.48%), i1107 (0.48%), i976 (0.48%), i229 (0.48%), i338 (0.47%), i18 (0.45%), i535 (0.45%), i692 (0.44%), i419 (0.44%), i464 (0.44%), i695 (0.43%), i79 (0.42%), i991 (0.42%), i2 (0.4%), i484 (0.39%), i687 (0.38%), i4 (0.38%), i912 (0.38%), i276 (0.37%), i26 (0.37%), i1006 (0.36%), i16 (0.36%), i650 (0.36%), i34 (0.35%), i843 (0.35%), i1153 (0.34%), i173 (0.34%), i452 (0.34%), i981 (0.34%), i454 (0.34%), i10 (0.33%), i410 (0.33%), i966 (0.33%), i767 (0.33%), i413 (0.33%), i6 (0.33%), i1051 (0.33%), i825 (0.33%), i757 (0.32%), i589 (0.32%), i450 (0.32%), i927 (0.32%), i1117 (0.31%), i459 (0.31%), i651 (0.31%), i127 (0.31%), i763 (0.31%), i617 (0.3%), i1041 (0.3%), i150 (0.3%), i1080 (0.3%), i3 (0.3%), i868 (0.29%), i678 (0.29%), i171 (0.29%), i851 (0.29%), i568 (0.29%), i15 (0.29%), i738 (0.29%), i753 (0.28%), i47 (0.28%), i721 (0.28%), i372 (0.28%), i952 (0.28%), i1083 (0.28%), i20 (0.27%), i7 (0.27%), i876 (0.27%), i861 (0.27%), i1068 (0.27%), i867 (0.27%), i191 (0.27%), i1012 (0.26%), i683 (0.26%), i618 (0.26%), i728 (0.26%), i586 (0.26%), i570 (0.26%), i928 (0.26%), i564 (0.25%), i125 (0.25%), i1129 (0.25%), i23 (0.25%), i55 (0.25%), i537 (0.25%), i78 (0.24%), i433 (0.24%), i468 (0.24%), i397 (0.24%), i71 (0.24%), i1024 (0.24%), i76 (0.23%), i953 (0.23%), i613 (0.23%), i242 (0.23%), i481 (0.23%), i897 (0.23%), i393 (0.23%), i722 (0.23%), i645 (0.22%), i916 (0.22%), i980 (0.22%), i895 (0.22%), i473 (0.22%), i219 (0.22%), i1125 (0.21%), i337 (0.21%), i904 (0.21%), i931 (0.21%), i1085 (0.21%), i119 (0.21%), i1119 (0.21%), i391 (0.21%), i1076 (0.21%), i1091 (0.21%), i849 (0.21%), i989 (0.21%), i874 (0.21%), i879 (0.21%), i412 (0.21%), i252 (0.2%), i225

(0.2%), i53 (0.2%), i30 (0.2%), i823 (0.2%), i922 (0.2%), i508 (0.2%), i601 (0.2%), i1004 (0.19%), i193 (0.19%), i748 (0.19%), i994 (0.19%), i1138 (0.19%), i1036 (0.19%), i29 (0.19%), i685 (0.19%), i815 (0.19%), i594 (0.19%), i969 (0.18%), i495 (0.18%), i155 (0.18%), i659 (0.18%), i1073 (0.18%), i223 (0.18%), i274 (0.18%), i887 (0.18%), i329 (0.18%), i573 (0.18%), i69 (0.18%), i1042 (0.18%), i234 (0.18%), i886 (0.18%), i226 (0.18%), i956 (0.18%), i1081 (0.18%), i9 (0.18%), i943 (0.18%), i708 (0.17%), i648 (0.17%), i492 (0.17%), i505 (0.17%)

- **F4:** i446 (4.04%), i746 (2.23%), i814 (2.1%), i225 (1.99%), i919 (1.97%), i739 (1.85%), i760 (1.78%), i502 (1.45%), i221 (1.45%), i83 (1.35%), i111 (1.05%), i195 (1.01%), i620 (1.01%), i632 (0.94%), i1071 (0.94%), i150 (0.94%), i86 (0.93%), i342 (0.9%), i1140 (0.84%), i997 (0.83%), i1116 (0.83%), i817 (0.81%), i567 (0.77%), i7 (0.77%), i523 (0.74%), i500 (0.73%), i955 (0.73%), i161 (0.73%), i825 (0.71%), i1121 (0.69%), i1139 (0.61%), i1041 (0.61%), i345 (0.61%), i893 (0.59%), i151 (0.58%), i2 (0.58%), i994 (0.57%), i18 (0.57%), i376 (0.55%), i903 (0.54%), i479 (0.53%), i794 (0.53%), i536 (0.52%), i596 (0.52%), i26 (0.5%), i352 (0.49%), i296 (0.48%), i203 (0.48%), i196 (0.48%), i484 (0.46%), i433 (0.45%), i185 (0.43%), i1005 (0.42%), i938 (0.41%), i969 (0.41%), i808 (0.38%), i1014 (0.38%), i1080 (0.36%), i257 (0.36%), i351 (0.36%), i1142 (0.35%), i921 (0.35%), i749 (0.34%), i90 (0.34%), i559 (0.33%), i892 (0.33%), i1097 (0.32%), i750 (0.32%), i200 (0.31%), i1151 (0.3%), i1064 (0.3%), i975 (0.29%), i911 (0.29%), i513 (0.28%), i721 (0.28%), i491 (0.28%), i212 (0.27%), i851 (0.27%), i114 (0.27%), i705 (0.27%), i693 (0.26%), i162 (0.26%), i441 (0.26%), i815 (0.25%), i709 (0.25%), i868 (0.24%), i670 (0.24%), i564 (0.24%), i354 (0.23%)

*Annex 3.10: Agglomerative Hierarchical Clustering (AHC) (highlighted in gray the chosen solution)*

Validation tests for the number of groups (with 7 axes = 57.503% of inertia)				
Groups	Cophenetic correlation	Variance of the optimal classification		
		Within-class	Between-classes	Total
2	0.49	361.870 (82.31%)	77.766 (17.69%)	439.636
3	0.49	292.033 (66.43%)	147.603 (33.57%)	439.636
4	0.49	264.906 (60.26%)	174.730 (39.74%)	439.636
5	0.49	239.636 (54.51%)	200.000 (45.49%)	439.636
6	0.49	223.997 (50.95%)	215.639 (49.05%)	439.636
7	0.49	207.439 (47.18%)	232.197 (52.82%)	439.636
8	0.49	195.369 (44.44%)	244.267 (55.56%)	439.636
9	0.49	184.910 (42.06%)	254.726 (57.94%)	439.636
10	0.49	176.104 (40.06%)	263.533 (59.94%)	439.636
11	0.49	169.964 (38.66%)	269.672 (61.34%)	439.636
12	0.49	165.383 (37.62%)	274.254 (62.38%)	439.636
13	0.49	160.294 (36.46%)	279.342 (63.54%)	439.636
14	0.49	156.148 (35.52%)	283.488 (64.48%)	439.636
15	0.49	154.049 (35.04%)	285.588 (64.96%)	439.636
16	0.49	150.230 (34.17%)	289.406 (65.83%)	439.636
17	0.49	146.754 (33.38%)	292.883 (66.62%)	439.636
18	0.49	143.526 (32.65%)	296.110 (67.35%)	439.636
19	0.49	139.232 (31.67%)	300.404 (68.33%)	439.636
20	0.49	136.473 (31.04%)	303.163 (68.96%)	439.636
21	0.49	134.665 (30.63%)	304.971 (69.37%)	439.636
22	0.49	132.321 (30.10%)	307.315 (69.90%)	439.636
23	0.49	130.432 (29.67%)	309.204 (70.33%)	439.636
24	0.49	128.469 (29.22%)	311.167 (70.78%)	439.636
25	0.49	126.547 (28.78%)	313.090 (71.22%)	439.636

Annex 3.11: AHC, main characteristics of the chosen solution

Class	Elements	Within-class v.
1	109 (10.21%)	0.115
2	52 (4.87%)	0.239
3	78 (7.30%)	0.118
4	46 (4.31%)	0.230
5	57 (5.34%)	0.188
6	68 (6.37%)	0.195
7	89 (8.33%)	0.125
8	58 (5.43%)	0.178
9	124 (11.61%)	0.082
10	132 (12.36%)	0.114
11	67 (6.27%)	0.185
12	75 (7.02%)	0.123
13	40 (3.75%)	0.199
14	73 (6.84%)	0.185

Annex 3.12: AHC, overall distribution of variables-categories (active, in black, and supplementary, in brown)

Variable-category, TOTAL = 1,068	F	%
SEX-Woman (Mode)	525	49
SEX-Man	480	45
SEX-NA	63	6
AGE-21-25	11	1
AGE-26-30	40	4
AGE-31-35	71	7
AGE-36-40	74	7
AGE-41-45	112	10
AGE-46-50	161	15
AGE-51-55	74	7
AGE-56-60	65	6
AGE-61-65	55	5
AGE-66-70	37	3
AGE-71-75	30	3
AGE-76-80	7	1
AGE-NA (Mode)	331	31
OCCUPATION-Other	18	2
OCCUPATION-Unemployed	18	2
OCCUPATION-Informal economy	24	2
OCCUPATION-Executives, managers and directors	8	1
OCCUPATION-Forces of law and order	31	3
OCCUPATION-Civil service administrators	15	1
OCCUPATION-Retirees	22	2
OCCUPATION-NA (Mode)	502	47
OCCUPATION-Employed	37	3
OCCUPATION-Pensioner	7	1
OCCUPATION-Small entrepreneur/self-employed	127	12
OCCUPATION-“Social” professions and “care” procurement	133	12
OCCUPATION-Business professions	14	1
OCCUPATION-Legal professions	33	3
OCCUPATION-Technical/socio-technical professions	42	4
OCCUPATION-Employed worker	37	3
FAM_INTEGR-Married	48	4
FAM_INTEGR-Married with children	338	32
FAM_INTEGR-Divorced	1	0
FAM_INTEGR-Divorced with children	34	3
FAM_INTEGR-Divorced without children	3	0
FAM_INTEGR-NA (Mode)	558	52
FAM_INTEGR-No partner with children	4	0
FAM_INTEGR-Separated with children	2	0
FAM_INTEGR-Single with children	4	0
FAM_INTEGR-Single	58	5
FAM_INTEGR-With boy/girlfriend	12	1
FAM_INTEGR-Widower	3	0
FAM_INTEGR-Widower with children	2	0
FAM_INTEGR-Widower without children	1	0
CLOS_DISEAS-NA (Mode)	945	88
CLOS_DISEAS-CloseSick	123	12
SICK-Sick	93	9
SICK-NA (Mode)	974	91
SICK-NonSick	1	0
DISEASE-Absent (Mode)	677	63
DISEASE-Accident/Violence	10	1
DISEASE-Other	93	9
DISEASE-Alzheimer's	5	0
DISEASE-Heart diseases	5	0
DISEASE-Covid-19	30	3
DISEASE-Cancer	96	9
DISEASE-Diabetes	5	0
DISEASE-Various disabilities	20	2
DISEASE-ALS	59	6
DISEASE-Multiple sclerosis	5	0
DISEASE-Fibromyalgia	6	1
DISEASE-Renal insufficiency	5	0
DISEASE-Mental diseases	22	2
DISEASE-Rare diseases	13	1
DISEASE-ASD	12	1
DISEASE-Transplant	5	0
IMMI-Immi	103	10
IMMI-NA	12	1
IMMI-NonImmi (Mode)	953	89
CAPITAL_NO-Capital (Mode)	489	46
CAPITAL_NO-NA	425	40
CAPITAL_NO-NonCapital	154	14
SC_POS_REGG-NA (Mode)	341	32
SC_POS_REGG-High poverty	38	4
SC_POS_REGG-Low poverty	95	9
SC_POS_REGG-Extreme poverty	144	15

Variable-category. TOTAL = 1,068	F	%
SC_POS_REGI-Moderate poverty	53	5
SC_POS_REGI-High income	113	11
SC_POS_REGI-Low income	17	2
SC_POS_REGI-Average income	24	2
SC_POS_REGI-Very high income	242	23
SC_POS_REGI-Very low income	1	0
POL_DEF-Center-right	5	0
POL_DEF-Ciudadanos	23	2
POL_DEF-Considers the entire political class corrupt	29	3
POL_DEF-Right	235	22
POL_DEF-Left	46	4
POL_DEF-Avoid defining him/herself politically at all costs	30	3
POL_DEF-Guaidó/Capriles	36	3
POL_DEF-Pro-independence	6	1
POL_DEF-Liberal	51	5
POL_DEF-NA	3	0
POL_DEF-PP	33	3
POL_DEF-PSOE	7	1
POL_DEF-No apparent interest in politics (Mode)	329	31
POL_DEF-Far-right	20	2
POL_DEF-Únicos Podemos	17	2
POL_DEF-VOX	198	19
C2-Absent (Mode)	989	93
C2-Extreme	7	1
C2-Present	72	7
C3-Absent (Mode)	1,009	94
C3-Extreme	8	1
C3-Present	51	5
C7-Absent (Mode)	772	72
C7-Extreme	26	2
C7-Present	270	25
C8-Absent (Mode)	736	69
C8-Extreme	59	6
C8-Present	273	26
C12-Absent (Mode)	415	39
C12-Extreme	396	37
C12-Present	257	24
C13-Absent (Mode)	924	87
C13-Extreme	40	4
C13-Present	104	10
C14-Absent (Mode)	880	82
C14-Extreme	11	1
C14-Present	177	17
C15-Absent (Mode)	736	69
C15-Extreme	54	5
C15-Present	278	26
C17-Absent (Mode)	813	76
C17-Extreme	32	3
C17-Present	223	21
C24-Absent (Mode)	971	91
C24-Extreme	22	2
C24-Present	75	7
C27-Absent (Mode)	843	79
C27-Extreme	15	1
C27-Present	210	20
C29-Absent (Mode)	939	88
C29-Extreme	7	1
C29-Present	122	11
C31-Absent (Mode)	830	78
C31-Extreme	18	2
C31-Present	220	21
C32-Absent (Mode)	901	84
C32-Extreme	8	1
C32-Present	159	15
C34-Absent (Mode)	1,006	94
C34-Extreme	6	1
C34-Present	56	5
C36-Absent (Mode)	972	91
C36-Extreme	11	1
C36-Present	85	8
C39-Absent (Mode)	1,008	94
C39-Extreme	6	1
C39-Present	54	5
C40-Absent (Mode)	865	81
C40-Extreme	79	7
C40-Present	124	12
C42-Absent (Mode)	911	85
C42-Extreme	22	2
C42-Present	155	15
C43-Absent (Mode)	1,000	94
C43-Extreme	8	1
C43-Present	60	6
C46-Absent (Mode)	978	92
C46-Extreme	9	1
C46-Present	81	8
C49-Absent (Mode)	1,009	94
C49-Extreme	10	1
C49-Present	49	5
C51-Absent (Mode)	847	79
C51-Extreme	27	3
C51-Present	194	18
C52-Absent (Mode)	887	83
C52-Extreme	47	4
C52-Present	134	13
C56-Absent (Mode)	908	85
C56-Extreme	19	2
C56-Present	141	13
C57-Absent (Mode)	943	88
C57-Extreme	8	1
C57-Present	117	11
C59-Absent (Mode)	980	92
C59-Extreme	2	0
C59-Present	86	8
C63-Absent (Mode)	967	91
C63-Extreme	15	1
C63-Present	86	8
C66-Absent (Mode)	885	83
C66-Extreme	16	1
C66-Present	167	16
C67-Absent (Mode)	891	83
C67-Extreme	43	4
C67-Present	134	13
C70-Absent (Mode)	1,004	94
C70-Extreme	14	1
C70-Present	50	5
C72-Absent (Mode)	839	79
C72-Extreme	47	4
C72-Present	182	17
C73-Absent (Mode)	905	85
C73-Extreme	7	1
C73-Present	156	15
C74-Absent (Mode)	1,016	95

Variable-category. TOTAL = 1,068	F	%
C74-Extreme	1	0
C74-Present	51	5
C75-Absent (Mode)	919	86
C75-Extreme	26	2
C75-Present	123	12
C79-Absent (Mode)	943	88
C79-Extreme	7	1
C79-Present	118	11
C85-Absent (Mode)	982	92
C85-Extreme	10	1
C85-Present	76	7
C87-Absent (Mode)	923	86
C87-Extreme	22	2
C87-Present	123	12
C93-Absent (Mode)	969	91
C93-Extreme	25	2
C93-Present	74	7
C97-Absent (Mode)	930	87
C97-Extreme	57	5
C97-Present	81	8
C99-Absent (Mode)	1,005	94
C99-Extreme	9	1
C99-Present	54	5
C104-Absent (Mode)	944	88
C104-Present	124	12
RESPONSE-Responses C1	107	10
RESPONSE-Responses C2	115	11
RESPONSE-Responses C3 (Mode)	410	38
RESPONSE-Responses C4	85	8
RESPONSE-Responses C5	72	7
RESPONSE-Responses C6	130	12
RESPONSE-Responses C7	48	4
RESPONSE-Responses C8	39	4
RESPONSE-Responses C9	31	3
RESPONSE-Responses C10	23	2
RESPONSE-Responses C11	2	0
RESPONSE-Responses C12	6	1
COUNTRY-Other	2	0
COUNTRY-Other Latin American countries	14	1
COUNTRY-Argentina	9	1
COUNTRY-Chile	12	1
COUNTRY-Colombia	6	1
COUNTRY-USA	12	1
COUNTRY-Ecuador	52	5
COUNTRY-Spain (Mode)	665	62
COUNTRY-Europe	8	1
COUNTRY-México	22	2
COUNTRY-NA	7	1
COUNTRY-Paraguay	7	1
COUNTRY-Anglo-Saxon countries	6	1
COUNTRY-Perú	51	5
COUNTRY-Venezuela	195	18
REL_MESS1-Absent (Mode)	897	84
REL_MESS1-Extreme	29	3
REL_MESS1-NA	1	0
REL_MESS1-Present	141	13
REL_MESS2-Absent (Mode)	964	90
REL_MESS2-Extreme	41	4
REL_MESS2-NA	0	0
REL_MESS2-Present	62	6
REL_MESS3-Absent (Mode)	1,058	99
REL_MESS3-NA	1	0
REL_MESS3-Present	9	1
REL_MESS4-Absent (Mode)	1,061	99
REL_MESS4-Extreme	2	0
REL_MESS4-NA	1	0
REL_MESS4-Present	4	0
REL_MESS5-Absent (Mode)	1,066	100
REL_MESS5-NA	1	0
REL_MESS5-Present	1	0
REL_MESS_MA-Absent (Mode)	816	76
REL_MESS_MA-NA	1	0
REL_MESS_MA-Type 1	144	13
REL_MESS_MA-Type 2	99	9
REL_MESS_MA-Type 3	4	0
REL_MESS_MA-Type 4	4	0
TRUMP-Anti-Trump	14	1
TRUMP-NA (Mode)	899	84
TRUMP-Trump	155	15
ANTIVAX-NA (Mode)	942	88
ANTIVAX-Denier	68	6
ANTIVAX-Non-Denier	58	5

Annex 3.13: AHC, morphology of each class compared with overall distribution (active variables, in black, and supplementary, in brown)

Variable-category	Class1 n=109;10%			Class3 n=78;7%			Class5 n=57;5.3%			Class6 n=68;6%			Class7 n=89;8%			Class8 n=58;5.4%		
	F	%	D (p-p)	F	%	D (p-p)	F	%	D (p-p)	F	%	D (p-p)	F	%	D (p-p)	F	%	D (p-p)
SEX-Woman	26	24	-25	39	50	1	29	51	2	39	57	8	49	55	6	42	72	23
SEX-Man	73	67	22	36	46	1	28	49	4	27	40	-5 (*)	36	40	-5 (*)	15	26	-19
SEX-NA	10	9	3	3	4	-2	0	0	-6	2	3	-3	4	4	-2	1	2	-4
AGE-21-25	0	0	-1	2	3	2	0	0	-1	0	0	-1	0	0	-1	2	3	2
AGE-26-30	3	3	-1	1	1	-3	11	19	15	1	-3	1	1	-3	5	9	5	(*)
AGE-31-35	2	2	-5 (*)	12	15	8	6	11	4	2	3	-4	3	3	-4	6	10	3
AGE-36-40	4	4	-2	7	9	2	5	9	2	5	7	0	11	12	5 (*)	2	3	-4
AGE-41-45	6	6	-4	8	10	0	2	4	-6	5	7	-3	15	17	-7	11	19	9
AGE-46-50	9	8	-7	6	8	-7	17	30	15	10	15	0	15	17	-2	5	9	-6
AGE-51-55	6	6	-1	1	1	-6	7	12	5 (*)	7	10	-3	7	8	1	2	3	2
AGE-56-60	5	5	-1	1	1	-5 (*)	3	5	-1	4	6	0	5	6	0	4	7	1
AGE-61-65	3	3	-2	1	1	-4	2	4	-1	2	3	-2	8	9	4	4	7	2
AGE-66-70	3	3	0	1	1	-2	0	0	-3	4	6	3	5	6	3	2	3	0
AGE-71-75	0	0	-3	2	3	0	0	0	-3	2	3	0	5	6	3	4	7	4
AGE-76-80	0	0	-1	0	0	-1	0	0	-1	0	0	-1	2	2	1	0	0	-1
AGE-NA	68	62	31	36	46	15	4	7	-24	26	38	7	12	13	-18	8	14	-17
OCCUPATION-Other	2	2	0	3	4	2	1	2	0	0	0	-2	1	1	-1	1	2	0
OCCUPATION-Unemployed	2	2	0	1	1	-1	4	7	5 (*)	1	1	-1	0	0	-2	1	2	0
OCCUPATION-Informal economy	0	0	-2	1	1	-1	2	4	2	3	4	2	2	2	0	4	7	5 (*)
OCCUPATION-Executives, managers and directors	0	0	-1	0	0	-1	0	0	-1	1	1	0	1	1	0	0	0	-1
OCCUPATION-Forces of law and order	2	2	-1	1	1	-1	1	2	-1	0	0	-3	2	2	-1	0	0	-3
OCCUPATION-Civil service administrators	1	1	0	0	0	-1	0	0	-1	0	0	-1	2	2	-1	3	5	4
OCCUPATION-Retiree	0	0	-2	0	0	-2	1	2	0	1	1	-1	4	4	-2	0	0	-2
OCCUPATION-NA	70	64	18	62	79	8	15	26	-21	36	55	6	31	35	-2	31	53	6
OCCUPATION-Employed	0	0	-2	0	0	-3	8	14	-11	0	0	-3	0	0	-3	0	0	-3
OCCUPATION-Pensioner	1	1	0	0	0	-1	1	2	-1	0	0	-1	0	0	-1	0	0	-1
OCCUPATION-Small entrepreneur/self-employed	12	11	-1	4	5	-7	5	9	-3	7	10	-2	17	19	-7	5	9	-3
OCCUPATION-"Social" professions and "care" procurement	9	8	-4	3	4	-8	7	12	0	7	10	-2	20	22	-10	8	14	2
OCCUPATION-Business professions	1	1	0	2	3	2	1	2	1	0	0	-1	0	0	-1	0	0	-1



Variable-category	Class1 n=109;10%			Class3 n=78;7%			Class5 n=57;5.3%			Class6 n=68;6%			Class7 n=89;8%			Class8 n=58;5.4%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
OCCUPATION-Legal professions	3	3	0	0	0	-3	1	2	-1	4	6	3	3	3	0	2	3	0
OCCUPATION-Technical/socio-technical professions	4	4	0	1	1	-3	6	11	7	4	6	2	2	2	-2	1	2	-2
OCCUPATION-Employed worker	2	2	-1	0	0	-3	4	7	4	4	6	3	3	3	0	2	3	0
FAM_INTEGR-Married	0	0	-4	4	5	1	3	5	1	1	1	-3	3	3	-1	6	10	6
FAM_INTEGR-Married with children	21	19	-13	7	9	23	18	32	0	17	25	-7	37	42	10	15	26	-6
FAM_INTEGR-Divorced	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Divorced with children	0	0	-3	1	1	0	2	4	1	1	1	-2	6	7	-4	4	7	4
FAM_INTEGR-Divorced without children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-NA	84	77	25	61	78	36	20	35	-17	42	62	10	37	42	10	21	36	-16
FAM_INTEGR-No partner with children	0	0	0	0	0	0	0	0	0	2	3	3	0	0	0	0	0	0
FAM_INTEGR-Separated with children	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
FAM_INTEGR-Separated without children	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	2	1
FAM_INTEGR-Single	4	4	-1	2	3	-2	10	18	13	1	1	-4	4	4	-1	10	17	12
FAM_INTEGR-With boy/girlfriend	0	0	-1	2	3	2	2	4	3	1	1	0	0	0	-1	1	2	1
FAM_INTEGR-Widow/er	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
FAM_INTEGR-Widow/er with children	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
FAM_INTEGR-Widow/er without children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOS_DISEAS-NA	108	99	11	78	100	12	51	89	1	61	90	2	78	88	0	48	83	-5 (*)
CLOS_DISEAS-CloseSick	1	1	-11	0	0	-12	6	11	-1	7	10	-2	11	12	0	10	17	5 (*)
SICK-Sick	2	2	-7	1	1	-8	6	11	2	2	3	-6	10	11	2	16	28	19
SICK-NA	107	98	7	77	99	8	51	89	-2	66	97	6	79	89	-2	42	72	-19
SICK-NonSick	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DISEASE-Absent	100	92	29	72	92	29	34	60	-3	28	41	-23	61	69	6	18	31	-32
DISEASE-Accident/Violence	1	1	0	0	0	-1	0	0	0	0	0	0	0	0	-1	2	3	2
DISEASE-Other	2	2	-5	0	0	0	1	2	-7	16	24	15	6	7	-2	7	12	2
DISEASE-Alzheimer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DISEASE-Heart diseases	0	0	0	0	0	0	1	2	2	2	3	3	1	1	1	0	0	0
DISEASE-Covid-19	1	1	-2	0	0	-3	4	7	4	3	4	1	1	1	-2	3	5	2
DISEASE-Cancer	-4	4	-5 (*)	4	5	-4	7	12	3	10	15	6	8	9	0	7	12	3
DISEASE-Diabetes	0	0	0	0	0	0	1	2	2	1	1	-1	0	0	0	0	0	0
DISEASE-Various disabilities	0	0	-2	1	1	-1	4	7	5 (*)	1	1	-1	3	3	1	0	0	-2
DISEASE-ALS	0	0	-6	0	0	-6	1	2	-4	3	4	-2	6	7	1	4	7	1
DISEASE-Multiple sclerosis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
DISEASE-Fibromyalgia	0	0	-1	0	0	-1	1	2	1	0	0	-1	0	0	-1	2	3	2
DISEASE-Renal insufficiency	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0
DISEASE-Mental diseases	0	0	-2	0	0	-2	2	4	2	0	0	-2	1	1	-1	10	17	15
DISEASE-Rare diseases	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	1	2	1
DISEASE-ASD	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	2	3	2
DISEASE-Transplant	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	2	2
IMMI-Imm	13	12	2	3	4	-6	7	12	2	16	24	14	3	3	-7	11	19	9
IMMI-NA	2	2	1	8	10	9	0	0	-1	1	1	0	0	0	-1	1	2	0
IMMI-NonImm	94	86	-3	67	86	-3	50	88	-1	51	75	-14	86	97	2	46	79	-10
CAPITAL_NO-Capital	21	19	-37	8	10	-38	41	72	-36	37	54	-8	45	48	-2	21	36	-10
CAPITAL_NO-NA	84	77	-10	69	88	0	1	2	13	24	35	-5 (*)	18	20	-2	32	55	15
CAPITAL_NO-NonCapital	4	4	-10	1	1	-13	11	19	5 (*)	7	10	-4	28	31	17	5	9	-5 (*)
SC_POS_REGI-NA	74	68	-36	57	73	-41	4	7	25	22	32	0	12	13	-19	29	50	18
SC_POS_REGI-High poverty	3	3	-1	2	3	-1	1	2	-2	0	0	-4	5	6	2	3	5	1
SC_POS_REGI-Low poverty	11	10	1	4	5	-4	22	39	30	3	4	-5 (*)	10	11	2	6	10	1
SC_POS_REGI-Extreme poverty	5	5	-8	7	9	-4	2	4	-9	40	59	46	6	7	-6	8	14	1
SC_POS_REGI-Moderate poverty	7	6	1	6	8	3	2	4	-1	1	1	-4	8	9	4	3	5	0
SC_POS_REGI-High income	1	1	-10	0	0	-11	8	14	3	1	1	-10	19	21	10	2	3	-8
SC_POS_REGI-Low income	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2	1	2	0
SC_POS_REGI-Average income	0	0	-2	0	0	-2	2	4	2	0	0	-2	1	1	-1	0	0	-2
SC_POS_REGI-Very high income	8	7	-16	2	3	-20	16	28	5 (*)	1	1	-22	28	31	8	6	10	-13
SC_POS_REGI-Very low income	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL_DEF-Center-right	2	2	2	0	0	0	2	4	4	0	0	0	0	0	0	0	0	0
POL_DEF-Ciudadanos	1	1	-1	2	3	1	0	0	-2	1	1	-1	2	2	0	0	0	-2
POL_DEF-Considers the entire political class corrupt	4	4	1	1	1	-2	2	4	1	6	9	6	2	2	-1	2	3	0
POL_DEF-Right	54	50	-28	2	3	-19	13	23	1	27	40	18	8	9	-13	9	16	-6
POL_DEF-Left	2	2	-2	5	6	2	6	11	3	0	0	-4	3	3	-1	1	2	-2
POL_DEF-Avoid defining him/herself politically at all costs	1	1	-2	0	0	-3	0	0	0	-3	1	1	-2	0	0	0	0	-3
POL_DEF-Guaidó/Copries	-4	4	-1	0	0	0	0	0	0	18	26	22	0	0	-3	0	0	-1
POL_DEF-Pro-independence	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	0	0	0	-1
POL_DEF-Liberal	-4	4	-1	0	0	-5 (*)	2	4	-1	1	1	-4	3	3	-2	2	3	-2
POL_DEF-NA	0	0	0	0	0	0	0	0	0	2	3	-3	0	0	0	0	0	0
POL_DEF-PP	1	1	-2	0	0	-3	1	2	-1	0	0	-3	2	2	-1	0	0	-3
POL_DEF-PSOE	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
POL_DEF-No apparent interest in politics	6	6	-25	64	82	-51	26	46	15	10	15	-16	58	65	34	44	76	45
POL_DEF-Far-right	8	7	5 (*)	0	0	-2	1	2	0	1	1	-1	1	1	-1	0	0	-2
POL_DEF-Unidos Podemos	0	0	-2	1	1	-1	3	5	3	0	0	-2	0	0	-2	0	0	-2
POL_DEF-VOX	22	20	1	1	1	-18	1	2	-17	1	1	-18	3	3	-16	0	0	-19
C2-Absent	108	99	6	73	94	1	44	77	-16	65	96	3	82	92	-1	57	98	5 (*)
C2-Extreme	0	0	-1	2	3	2	1	2	1	0	0	-1	1	1	0	0	0	-1
C2-Present	1	1	-6	3	4	-3	12	21	14	3	4	-3	6	7	0	1	2	-5 (*)
C3-Absent	105	96	2	69	88	-6	45	79	-15	67	99	5 (*)	88	99	5 (*)	53	91	-3
C3-Extreme	0	0	-1	4	5	4	0	0	-1	0	0	-1	0	0	-1	0	0	-1
C3-Present	4	4	-1	5	6	1	12	21	16	16	21	-4	8	9	-4	2	3	4
C7-Absent	82	75	-1	78	100	-2	50	88	16	58	85	-12	83	93	21	55	95	-8
C7-Extreme	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C7-Present	25	23	-2	0	0	-28	6	11	-14	10	15	-10	4	4	-21	3	5	-20
C8-Absent	84	77	8	73	94	25	53	93	24	65	96	12	77	87	18	54	93	-34
C8-Extreme	1	1	-5 (*)	1	1	-5 (*)	0	0	-6	0	0	-6	0	0	-6	0	0	-6
C8-Present	24	22	-4	4	5	-21	4	7	-19	3	4	-22	12	13	-13	4	7	-19
C12-Absent	7	6	-33	69	88	49	41	72	35	3	4	-35	69	78	39	39	67	28
C12-Extreme	65	60	23	0	0	-37	3	5	-32	31	46	9	6	7	-30	4	7	-30
C12-Present	37	34	10	9	12	-12	13	23	-1	34	50	26	14	16	-8	15	26	2
C13-Absent	100	92	5 (*)	73	94	7	39	68	-19	67	99	12	87	98	11	57	98	11
C13-Extreme	1	1	-3	0	0	-4	1	2	-2	0	0	-4	0	0	-4	0	0	-4
C13-Present	8	7	-3	5	6	-4	17	30	20	1	1	-9	2	2	-8	1	2	-8
C14-Absent	84	77	-5 (*)	77	99	17	55	96	14	60	88	6	84	94	12	56	97	15
C14-Extreme	1	1	0	0	0	-1	0	0	-1	0	0	-1	3	3	2	0	0	-1
C14-Present	24	22	5	1	1	-16	2	4	-13	8	12	-5 (*)	2	2	-15	2	3	-14
C15-Absent	74	68	-1	72	92	23	37	65	-4	17	25	-44	78	88	19	52	90	21
C15-Extreme	11	10	5 (*)	2	3	-2	2	4	-1	9	13	8	3	3	-2	0	0	-5 (*)
C15-Present</																		



Variable-category	Class1 n=109:10%			Class3 n=78:7%			Class5 n=57:5.3%			Class6 n=68:6%			Class7 n=89:8%			Class8 n=58:5.4%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
C39-Present	0	0	-5(*)	3	4	-1	6	11	6	4	6	1	1	-4	3	5	0	
C40-Absent	98	90	9	54	69	-12	42	74	-7	66	97	16	66	74	-7	54	93	
C40-Extreme	7	6	-1	14	18	11	3	5	-2	0	0	-7	11	12	5(*)	1	2	
C40-Present	4	4	-8	10	13	1	12	21	9	2	3	-9	12	13	1	3	5	
C42-Absent	100	92	7	70	90	5(*)	35	61	-24	65	96	11	75	84	-1	49	84	
C42-Extreme	3	3	-1	3	4	2	2	4	2	2	3	-3	6	7	5(*)	2	0	
C42-Present	6	6	-7	5	6	-7	20	35	22	3	4	-9	8	9	-4	9	16	
C43-Absent	106	97	-1	78	100	0	6	54	95	1	0	0	85	96	2	54	93	
C43-Extreme	0	0	-1	0	0	1	0	0	-1	0	0	-1	3	3	2	0	0	
C43-Present	3	3	-3	0	0	-6	3	5	-1	0	0	-6	1	1	-5(*)	4	5	
C46-Absent	106	97	5(*)	67	86	-6	42	74	-18	66	97	5(*)	83	93	-1	47	81	
C46-Extreme	0	0	-1	6	8	-7	1	2	1	0	0	-1	0	0	-1	0	0	
C46-Present	3	3	-5(*)	5	6	-2	14	25	17	2	3	-5(*)	6	7	-1	11	19	
C49-Absent	108	99	5(*)	75	96	2	50	88	-6	67	99	5(*)	84	94	0	43	74	
C49-Extreme	0	0	-1	0	0	-1	2	4	3	0	0	-1	3	3	2	0	0	
C49-Present	1	1	-4	3	4	-1	5	9	4	1	1	-4	2	2	-3	15	26	
C51-Absent	97	89	10	63	81	2	25	44	-35	58	85	6	80	90	11	34	59	
C51-Extreme	0	0	-3	4	5	2	2	4	1	0	0	-3	1	1	-2	4	7	
C51-Present	12	11	-7	11	14	-4	30	53	35	10	15	-3	8	9	-9	20	34	
C52-Absent	92	84	1	66	85	2	35	61	-22	63	93	10	72	81	-2	35	60	
C52-Extreme	6	6	2	5	6	2	7	12	8	1	1	-3	8	9	5(*)	3	5	
C52-Present	11	10	-3	7	9	-4	15	26	13	4	6	-7	9	10	-3	20	34	
C56-Absent	99	91	6	70	90	5(*)	45	79	-6	63	93	8	79	89	4	25	43	
C56-Extreme	0	0	-2	3	4	2	0	0	-2	2	3	-1	5	6	4	0	0	
C56-Present	10	9	-4	6	8	-7	12	21	18	3	4	-4	6	7	-3	33	57	
C57-Absent	100	92	4	69	88	0	46	81	-7	64	94	6	81	91	-3	35	60	
C57-Extreme	0	0	-1	2	3	2	1	2	7	1	0	-1	2	2	1	0	0	
C57-Present	9	8	-3	7	9	-2	10	18	7	4	6	-5(*)	6	7	-4	23	40	
C59-Absent	105	96	4	73	94	2	41	72	-20	66	97	5(*)	87	98	6	42	72	
C59-Extreme	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	
C59-Present	4	4	-4	5	6	-2	15	26	18	2	3	-5(*)	2	2	-6	16	28	
C63-Absent	105	96	5(*)	66	85	-6	53	93	2	63	93	2	79	89	-2	51	88	
C63-Extreme	0	0	-1	7	9	8	2	4	3	0	0	-1	1	1	0	0	0	
C63-Present	4	4	-4	5	6	-2	2	4	-4	5	7	-1	9	10	2	7	12	
C66-Absent	104	95	12	69	88	5(*)	38	67	-16	51	75	-8	79	89	6	52	90	
C66-Extreme	0	0	-1	1	1	0	1	2	1	1	1	0	1	1	0	1	2	
C66-Present	5	5	-11	8	10	-6	18	32	16	16	24	8	9	10	-6	5	9	
C67-Absent	104	95	12	73	94	-11	49	86	3	32	47	-36	84	94	-11	46	79	
C67-Extreme	1	1	-3	2	3	-1	0	0	-4	3	4	0	0	0	-4	2	3	
C67-Present	4	4	-9	3	4	-9	8	14	1	33	49	38	5	6	-7	10	17	
C70-Absent	107	98	4	69	88	6	56	98	4	61	90	-4	87	98	4	55	95	
C70-Extreme	0	0	-1	5	6	5(*)	0	0	-1	0	0	-1	1	1	0	0	0	
C70-Present	2	2	-3	4	5	0	2	0	0	1	2	1	2	2	-4	3	5	
C72-Absent	87	80	7	70	90	11	52	91	-13	7	10	-69	88	99	20	40	69	
C72-Extreme	2	2	-2	0	0	4	0	0	4	33	49	-45	1	1	-1	0	0	
C72-Present	20	18	-4	8	10	-7	5	9	-8	28	41	-34	0	0	-17	18	31	
C73-Absent	97	89	4	77	99	14	49	86	1	27	40	-45	88	99	14	46	79	
C73-Extreme	0	0	-1	0	0	-1	0	0	-1	6	9	8	0	0	-1	0	0	
C73-Present	12	11	-4	1	1	-14	8	14	-1	35	51	36	1	1	-14	12	21	
C74-Absent	106	97	2	78	100	5(*)	57	100	5(*)	64	94	-1	88	99	4	58	100	
C74-Extreme	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C74-Present	3	3	-2	0	0	-5(*)	0	0	-5(*)	4	6	1	1	1	-4	0	0	
C75-Absent	98	90	4	76	97	11	54	95	9	8	12	-74	89	100	14	53	91	
C75-Extreme	1	1	-1	0	0	-2	0	0	-2	25	37	35	0	0	-2	0	0	
C75-Present	10	9	-3	2	3	-9	3	5	-7	35	51	39	0	0	12	5	9	
C79-Absent	103	94	6	68	87	-1	38	67	-21	63	93	5(*)	82	92	4	54	93	
C79-Extreme	0	0	-1	1	1	-1	0	0	-1	0	0	-1	1	1	0	0	0	
C79-Present	6	6	-5(*)	9	12	1	19	33	22	5	7	-4	6	7	-4	4	7	
C85-Absent	94	86	-6	77	99	7	56	98	6	67	99	7	85	96	4	54	93	
C85-Extreme	4	4	3	0	0	-1	0	0	-1	0	0	-1	2	2	-5(*)	1	1	
C85-Present	11	10	-2	1	1	-6	1	2	-5(*)	1	1	-4	1	1	-4	2	3	
C87-Absent	108	99	13	77	99	13	48	84	-2	63	93	-7	68	76	-10	48	83	
C87-Extreme	0	0	-2	0	0	-2	1	2	0	0	0	-2	10	11	9	0	0	
C87-Present	1	1	-11	1	1	-11	8	14	2	5	7	-5(*)	11	12	0	10	17	
C93-Absent	109	100	9	77	99	8	47	82	-9	65	96	5(*)	80	90	-1	50	86	
C93-Extreme	0	0	-2	0	0	-2	2	4	2	0	0	-2	5	6	4	0	0	
C93-Present	0	0	-7	1	1	-6	8	14	7	3	4	-3	4	4	-3	8	14	
C97-Absent	101	93	6	73	94	7	52	91	4	66	97	10	74	83	-4	49	84	
C97-Extreme	0	0	-5(*)	1	1	-4	1	2	-3	0	0	-5(*)	8	9	4	2	3	
C97-Present	8	7	-1	4	5	-3	4	7	-1	2	3	-5(*)	7	8	0	7	12	
C99-Absent	107	98	4	77	99	5(*)	47	82	-12	67	99	5(*)	85	96	2	57	98	
C99-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	
C99-Present	2	2	-3	1	1	-4	10	18	13	1	1	-4	4	4	-1	1	2	
C104-Absent	100	92	4	75	96	8	51	89	1	63	93	5(*)	88	99	11	52	90	
C104-Present	9	8	-4	3	4	-8	6	11	-1	5	7	-5(*)	1	1	-11	6	10	
RESPONSE-Responses C1	13	12	-2	7	9	1	8	14	4	1	1	-9	7	8	-2	5	5	
RESPONSE-Responses C2	8	7	-2	8	10	1	7	12	4	8	12	-11	15	15	-7	5	9	
RESPONSE-Responses C3	34	31	-3	30	39	2	27	47	-9	19	28	-10	48	49	-10	33	48	
RESPONSE-Responses C4	8	8	-1	8	10	1	4	7	4	16	24	19	7	8	0	10	17	
RESPONSE-Responses C5	6	6	-1	8	10	1	4	7	0	10	15	8	7	8	0	5	9	
RESPONSE-Responses C6	18	17	5(*)	6	8	-6	3	5	-7	2	3	-3	7	8	-4	2	3	
RESPONSE-Responses C7	9	8	-4	6	8	4	4	7	3	1	1	-3	1	1	-3	4	7	
RESPONSE-Responses C8	2	2	-2	1	1	-3	1	2	-2	3	4	0	-4	4	0	2	3	
RESPONSE-Responses C9	6	6	3	2	3	0	2	4	1	7	10	-7	3	3	0	3	5	
RESPONSE-Responses C10	3	3	1	3	4	2	1	2	0	1	1	-1	2	2	0	4	7	
RESPONSE-Responses C11	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RESPONSE-Responses C12	1	1	0	2	3	2	1	2	1	0	0	-1	0	0	-1	1	2	
COUNTRY-Other	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COUNTRY-Other Latin American countries	1	1	0	5	6	5(*)	1	2	1	3	4	3	0	0	-1	3	5	
COUNTRY-Argentina	3	3	2	0	0	-1	0	0	-1	0	0	-1	1	1	0	1	2	
COUNTRY-Chile	0	0	-1	1	1	0	2	4	3	1	1	0	0	0	-1	0	0	
COUNTRY-Colombia	2	2	1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	1	2	
COUNTRY-USA	2	2	1	1	1	0	1	2	1	3	4	3	0	0	-1	2	3	
COUNTRY-Ecuador	9	8	3	8	10	5(*)	11	19	14	0	0	-5(*)	7	8	3	7	12	
COUNTRY-Spain	61	56	-6	34	44	-18	31	54	-2	38	4	6	-56	65	73	11	19	
COUNTRY-Europe	0	0	-1	1	1	0	0	0	-1	0	0	-1	1	1	0	1	2	
COUNTRY-Mexico	6	6	-4	6	8	0	0	0	-1	0	0	-1	0	0	-1	0	0	
COUNTRY-NA	0	0	-1	1	1	0	0	0	-1	0	0	-1	0	0	-1	0	0	
COUNTRY-Paraguay	0	0	-1	1	1	0	0	0	-1	0	0	-1	1	1	0			

Variable-category	Class1 n=109;10%			Class3 n=78;7%			Class5 n=57;5.3%			Class6 n=68;6%			Class7 n=89;8%			Class8 n=58;5.4%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
REL_MESS_MA-NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
REL_MESS_MA-Type 1	13	12	-1	11	14	1	3	5	8	18	26	15	10	11	-2	8	14	
REL_MESS_MA-Type 2	16	15	6	11	14	5(*)	6	11	2	7	10	1	6	7	-2	17	29	
REL_MESS_MA-Type 3	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	0	0	
REL_MESS_MA-Type 4	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	
TRUMP_Ant-Trump	3	3	-2	1	1	0	2	4	3	1	1	0	1	1	0	1	2	
TRUMP-Trump	82	75	-59	76	97	6	53	93	9	41	60	0	87	98	10	54	93	
ANTIVAX-NA	24	22	0	17	13	1	2	4	2	26	38	0	1	1	1	3	9	
ANTIVAX-NA	96	88	0	77	99	11	49	86	-2	67	99	11	79	89	1	53	91	
ANTIVAX-Denier	9	8	-2	1	1	5(*)	0	0	6	1	1	5(*)	3	3	-3	3	5	
ANTIVAX-Non-Denier	4	4	-1	0	0	5(*)	8	14	9	0	0	5(*)	7	8	-3	2	3	

(\*) All figures in this table are approximations. If it has not been marked as a highlighted figure, it is because the real non-approximated number was not greater than +5 or lesser than -5.

Variable-category	Class9 n=124;12%			Class10 n=132;12%			Class11 n=67;6%			Class12 n=75;7%			Class14 n=73;7%			
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	
SEX-Woman	41	33	-16	61	46	-3	43	64	15	13	17	-5	55	75	-25	
SEX-Man	59	48	13	67	51	6	21	31	-14	62	83	38	17	23	-52	
SEX-NA	24	19	4	4	3	-3	3	4	-2	0	0	1	1	1	-5	9
AGE-21-25	1	1	0	2	1	0	2	1	0	-1	2	3	2	0	0	0
AGE-26-30	1	2	-2	3	2	-2	1	1	-3	8	11	7	2	3	-1	-1
AGE-31-35	4	3	-4	5	4	-3	4	6	-1	15	20	13	6	8	1	-1
AGE-36-40	0	0	-7	15	11	4	4	6	-1	8	11	4	2	3	-4	-4
AGE-41-45	7	6	-4	8	6	-4	11	16	6	9	12	2	11	15	5(*)	0
AGE-46-50	14	11	-4	27	20	5(*)	3	4	-11	18	24	9	11	15	0	0
AGE-51-55	5	4	-3	12	9	2	9	13	6	6	8	1	5	7	0	0
AGE-56-60	2	2	-4	13	10	4	13	19	13	0	0	-6	3	4	-2	-2
AGE-61-65	1	1	-4	13	10	5(*)	5	7	2	1	1	-4	5	7	2	-3
AGE-66-70	5	4	1	9	7	4	0	0	-3	2	3	0	2	3	0	0
AGE-71-75	4	3	0	3	2	-1	1	1	-2	0	0	-3	2	3	0	0
AGE-76-80	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	-1
AGE-NA	79	64	13	22	17	14	16	24	-7	6	8	-23	24	33	2	2
OCCUPATION-Other	3	2	0	3	2	0	1	1	-1	0	0	-2	1	1	-1	-1
OCCUPATION-Unemployed	0	0	-2	5	4	2	1	1	-1	1	1	-1	1	1	-1	-1
OCCUPATION-Infomal economy	0	0	-2	1	1	-1	0	0	-2	2	3	1	3	4	2	2
OCCUPATION-Executives, managers and directors	0	0	-1	2	2	1	2	3	2	0	0	-1	1	1	0	0
OCCUPATION-Forces of law and order	10	8	5(*)	7	5	2	5	7	3	4	1	-2	0	0	-3	-3
OCCUPATION-Civil service administrators	0	0	-1	6	5	3	1	1	-1	1	1	-1	0	0	-2	-2
OCCUPATION-Retiree	1	1	0	2	2	1	1	1	-1	1	1	-1	0	0	0	0
OCCUPATION-NA	74	60	13	41	31	-16	13	19	-28	38	51	4	46	63	16	16
OCCUPATION-Employed	4	3	0	8	6	3	4	6	3	6	8	5(*)	1	1	-2	-2
OCCUPATION-Pensioner	2	2	1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	-1
OCCUPATION-Small entrepreneur/self-employed	13	10	-2	23	17	5(*)	12	18	6	12	16	4	4	5	-7	-7
OCCUPATION-"Social" professions and "care" procurement	10	8	-4	14	11	-1	13	19	7	2	3	-9	8	11	-1	-1
OCCUPATION-Business professions	0	0	-1	6	5	4	0	0	-1	2	3	2	2	3	2	2
OCCUPATION-Legal professions	6	5	2	3	2	-1	5	7	4	0	0	-3	1	1	-2	-2
OCCUPATION-Technical/socio-technical professions	0	0	-4	5	4	0	3	4	0	6	8	4	1	1	-3	-3
OCCUPATION-Employed worker	1	1	-2	6	5	2	4	6	3	4	5	2	4	5	2	2
FAM_INTEGR-Married	5	4	0	8	6	2	3	4	0	5	7	3	5	7	3	3
FAM_INTEGR-Married with children	27	22	-10	54	41	9	36	54	22	26	35	3	29	40	8	8
FAM_INTEGR-Divorced	0	0	0	0	0	0	0	0	0	0	0	0	1	1	-1	-1
FAM_INTEGR-Divorced with children	0	0	-3	5	4	1	2	3	0	0	0	-3	4	5	2	2
FAM_INTEGR-Divorced without children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-NA	89	72	20	56	42	-10	21	31	-2	39	52	0	27	37	15	15
FAM_INTEGR-No partner with children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Separated with children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Separated without children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Single with children	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
FAM_INTEGR-Single	3	2	-3	8	6	1	4	6	1	2	3	-2	4	5	0	0
FAM_INTEGR-With boy/girlfriend	0	0	-1	1	1	0	0	0	-1	3	4	3	1	1	0	0
FAM_INTEGR-Widow/er	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Widow/er with children	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
FAM_INTEGR-Widow/er without children	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CLOS_DISEAS-NA	120	97	9	118	89	1	39	58	-30	73	97	9	61	84	-4	-4
CLOS_DISEAS-CloseSick	4	3	-9	14	11	-1	28	42	30	2	3	-9	12	16	4	4
SICK-Sick	5	4	-5(*)	6	5	-4	10	15	6	0	0	-9	14	19	10	10
SICK-NA	119	96	5(*)	126	95	4	57	85	-6	75	100	9	59	81	9	9
SICK-NonSick	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DISEASE-Absent	111	90	27	102	77	14	13	19	-44	70	93	30	20	27	-36	-36
DISEASE-Accident/Violence	0	0	-1	0	0	-1	0	0	-1	0	0	-1	2	3	2	2
DISEASE-Other	2	2	-7	5	4	5(*)	4	6	-3	0	0	-9	16	22	13	13
DISEASE-Alzheimer's	0	0	0	0	0	0	3	4	4	0	0	0	0	0	0	0
DISEASE-Heart diseases	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
DISEASE-Covid-19	0	0	-2	2	2	-1	2	3	0	9	12	-1	3	11	8	8
DISEASE-Cancer	2	2	-2	5	4	5(*)	6	9	0	2	3	-6	20	27	18	18
DISEASE-Diabetes	0	0	0	2	2	2	1	1	1	0	0	0	0	0	0	0
DISEASE-Various disabilities	3	2	0	2	2	0	0	0	-2	0	0	-2	1	1	-1	-1
DISEASE-ALS	6	5	-1	6	5	-1	22	33	37	1	1	-5(*)	2	3	-3	-3
DISEASE-Multiple sclerosis	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
DISEASE-Fibromyalgia	0	0	-1	1	1	0	1	1	0	0	0	-1	0	0	-1	-1
DISEASE-Renal insufficiency	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1
DISEASE-Mental diseases	0	0	-2	2	2	0	4	6	4	0	0	-2	1	1	-1	-1
DISEASE-Rare diseases	0	0	-1	0	0	-1	5	7	6	2	3	2	0	0	-1	-1
DISEASE-ASD	0	0	-1	2	2	1	4	6	5(*)	0	0	-1	1	1	0	0
DISEASE-Transplant	0	0	0	2	2	2	0	0	0	0	0	0	0	0	0	0
IMMI-Immi	3	2	-8	2	2	-8	2	3	-7	6	8	-2	24	33	23	23
IMMI-NA	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1	-1
IMMI-NonImmi	121	98	9	130	98	9	65	97	8	69	92	3	49	67	-22	-22
CAPITAL_NoCapital	27	22	24	89	67	21	45	67	21	45	60	14	40	55	9	9
CAPITAL-NA	95	77	30	6	5	35	13	19	-21	10	13	-29	30	41	-1	-1
CAPITAL_No-NonCapital	2	2	-12	37	28	14	9	13	-1	20	27	13	3	4	-10	-10
SC_POS_REGI-NA	62	50	18	6	5	27	7	10	-22	3	4	-26	26	36	4	4
SC_POS_REGI-High poverty	16	13	9	2	2	-2	2	3	-1	0	0	-4	0	0	-4	-4
SC_POS_REGI-Low poverty	2	2	-7	3	2	-7	2	3	-6	3	4	-5(*)	11	15	6	6
SC_POS_REGI-Extreme poverty	5	4	-9	3	2	-11	2	3	-10	9	12	-1	34	47	34	34
SC_POS_REGI-Moderate poverty	13	10	5(*)	1	1	-4	4	6	1	4	5	0	2	3	-2	-2
SC_POS_REGI-High income	5	4	-7	35	27	16	19	28	17	11	15	4	0	0	-11	-11
SC_POS_REGI-Low income	0	0	-2	9	7	5(*)	0	0	-2	5	7	5(*)	0	0	-2	-2
SC_POS_REGI-Average income	2	2	0	9	7	5(*)	1	1	-1	7	9	7	0	0	-2	-2
SC_POS_REGI-Very high income	18	15	-8	64	48	25	30	45	22	33	44	21	0	0	-23	-23
SC_POS_REGI-Very low income	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
POL_DEF-Center-right	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POL_DEF-Ciudadanos	5	4	2	5	4	2	4	6	4	0	0	-2	0	0	-2	-2
POL_DEF-Considers the entire political class corrupt	0</															

Variable-category	Class9 n=124:12%			Class10 n=132:12%			Class11 n=67:6%			Class12 n=75:7%			Class14 n=73:7%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
C3-Absent	121	98	4	132	100	6	66	99	5 (*)	58	77	-17	70	96	2
C3-Extreme	0	0	-1	0	0	-1	0	0	-1	4	5	4	0	0	-1
C3-Present	3	2	-3	0	0	-5 (*)	1	1	-4	13	17	12	3	4	-1
C7-Absent	34	27	-45	37	28	-14	32	48	-24	66	88	16	67	92	20
C7-Extreme	14	11	9	7	5	3	0	0	-2	0	0	-2	0	0	-2
C7-Present	17	61	30	88	67	42	35	52	29	9	12	-13	6	8	-17
C8-Absent	17	14	-55	20	15	-54	22	33	-36	68	91	23	72	99	50
C8-Extreme	28	23	17	25	19	13	3	4	-2	0	0	-2	0	0	-2
C8-Present	79	64	38	87	66	40	42	63	37	7	9	-13	0	1	25
C12-Absent	2	2	-37	1	1	-38	3	4	-35	55	73	34	12	16	-23
C12-Extreme	118	95	58	105	80	43	41	61	24	1	1	-36	15	26	-11
C12-Present	4	3	-21	26	20	-4	23	34	10	19	25	1	42	58	34
C13-Absent	105	85	-2	112	85	-2	59	88	1	68	91	4	71	97	10
C13-Extreme	2	2	-2	1	1	-3	1	1	-3	0	0	-4	0	0	-4
C13-Present	17	14	4	19	14	4	7	10	0	7	9	-1	2	3	-7
C14-Absent	60	48	-34	88	67	-15	46	69	-13	73	97	15	64	88	6
C14-Extreme	5	4	3	1	1	0	1	1	0	0	0	-1	0	0	-1
C14-Present	59	48	31	43	33	16	20	30	13	2	3	-14	9	12	-5 (*)
C15-Absent	79	64	-5 (*)	75	57	-12	51	76	7	73	97	28	33	45	-24
C15-Extreme	6	5	0	2	2	-3	0	0	-5 (*)	0	0	-5 (*)	1	1	4
C15-Present	39	31	5 (*)	55	42	16	16	24	-2	2	3	-23	39	53	27
C17-Absent	114	92	16	104	79	3	37	55	-21	62	83	7	52	71	-5 (*)
C17-Extreme	0	0	-3	0	0	-3	3	4	1	0	0	-3	0	0	0
C17-Present	10	8	-13	28	21	0	27	40	19	13	17	-4	19	26	5 (*)
C24-Absent	121	98	7	132	100	9	67	100	2	75	100	9	44	69	51
C24-Extreme	0	0	-1	0	0	-2	0	0	-2	0	0	-2	0	0	-2
C24-Present	3	2	-5 (*)	0	0	-7	0	0	-7	0	0	-7	28	38	31
C27-Absent	54	44	35	51	39	40	34	51	-28	71	95	16	63	86	7
C27-Extreme	5	4	3	6	5	4	1	1	0	0	0	-1	0	0	-1
C27-Present	65	52	32	75	57	37	32	48	28	4	5	-15	10	14	-6
C29-Absent	121	98	10	126	95	7	48	72	-16	72	96	8	53	73	-15
C29-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	1	1	0
C29-Present	3	2	-9	6	5	-6	19	28	17	3	4	-7	19	26	15
C31-Absent	35	28	-50	52	39	-39	47	70	-8	71	95	-17	69	95	17
C31-Extreme	12	10	8	5	4	2	1	1	-1	0	0	-2	0	0	-2
C31-Present	77	62	41	75	57	36	19	28	7	4	5	-16	4	5	-16
C32-Absent	70	56	28	81	61	23	46	69	-15	70	93	9	67	92	8
C32-Extreme	1	1	0	4	3	2	1	1	0	0	0	-1	0	0	-1
C32-Present	53	43	28	47	36	21	20	30	15	5	7	-8	6	8	-7
C34-Absent	114	92	-2	128	97	3	59	88	-6	75	100	6	63	86	-8
C34-Extreme	0	0	-1	0	0	-1	1	1	0	0	0	-1	0	0	-1
C34-Present	10	8	3	4	3	-2	7	10	5 (*)	0	0	-5 (*)	10	14	9
C35-Absent	121	98	7	128	97	6	66	99	8	75	100	9	60	82	-9
C35-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
C35-Present	3	2	-6	3	2	-6	1	1	-7	0	0	-8	13	18	10
C39-Absent	122	98	4	131	99	5 (*)	61	91	-3	69	92	-2	66	90	-4
C39-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	1	1	0
C39-Present	2	2	-3	1	1	-4	6	9	4	6	8	3	6	8	3
C40-Absent	113	91	10	105	80	-1	60	90	9	17	23	-58	68	93	12
C40-Extreme	0	0	-7	8	6	-1	2	3	-4	30	40	33	0	0	-7
C40-Present	11	9	-3	19	14	2	5	7	-5 (*)	28	37	25	5	7	-5 (*)
C42-Absent	119	96	11	109	83	-2	51	76	-9	53	71	-14	70	96	11
C42-Extreme	0	0	-2	3	2	0	1	1	-1	1	1	-1	0	0	-2
C42-Present	5	4	-9	20	15	2	15	22	9	21	28	15	3	4	-9
C43-Absent	114	92	-2	109	83	-11	55	82	-12	69	92	-2	72	99	5 (*)
C43-Extreme	1	1	0	0	0	-1	3	4	3	0	0	-1	1	1	0
C43-Present	9	7	1	23	17	11	9	13	7	6	8	2	0	0	-6
C46-Absent	119	96	4	125	95	3	59	88	-4	68	91	-1	64	88	-4
C46-Extreme	0	0	-1	0	0	-1	0	0	-1	1	1	0	0	0	-1
C46-Present	5	4	-4	2	5	-3	8	12	4	6	8	0	9	12	4
C49-Absent	123	99	5 (*)	131	99	5 (*)	61	91	-3	71	95	11	67	92	-2
C49-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
C49-Present	1	1	-4	1	1	-4	6	9	4	3	4	-1	5	7	2
C51-Absent	113	91	12	104	79	0	56	84	5 (*)	35	47	-32	59	81	2
C51-Extreme	0	0	-3	2	2	-1	0	0	-3	12	16	15	0	0	-3
C51-Present	11	9	-9	26	20	2	11	16	-2	28	37	-19	14	19	1
C52-Absent	120	97	14	116	88	5 (*)	55	82	-1	57	76	-7	57	78	-5 (*)
C52-Extreme	0	0	-4	5	4	0	2	3	-1	4	5	1	3	4	0
C52-Present	4	3	-10	11	8	-5 (*)	10	15	2	14	19	6	13	18	5 (*)
C56-Absent	122	98	13	126	95	10	49	73	-12	73	97	12	41	56	-29
C56-Extreme	0	0	-2	0	0	-2	1	1	-1	0	0	-2	1	1	-1
C56-Present	2	2	-11	6	5	-8	17	25	12	2	3	-10	31	42	-29
C57-Absent	118	95	7	122	92	4	52	78	-10	71	95	7	62	85	-3
C57-Extreme	0	0	-1	1	1	0	0	0	-1	0	0	-1	0	0	-1
C57-Present	6	5	-6	9	7	-4	15	22	11	4	5	-6	11	15	4
C59-Absent	123	99	7	128	97	5 (*)	62	93	1	60	80	-12	62	85	-7
C59-Extreme	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
C59-Present	1	1	-7	4	3	-5 (*)	5	7	-1	14	19	11	13	18	9
C63-Absent	121	98	7	125	95	4	61	91	0	67	89	-2	61	84	-7
C63-Extreme	0	0	-1	0	0	-1	1	1	0	0	0	-1	0	0	-1
C63-Present	3	2	-6	7	5	-3	5	7	-1	7	9	1	12	16	8
C66-Absent	118	95	12	111	84	1	56	84	1	59	79	-4	50	68	-15
C66-Extreme	0	0	-1	0	0	-1	0	0	-1	2	3	2	0	0	-1
C66-Present	6	5	-11	21	16	0	11	16	0	14	19	3	23	32	-16
C67-Absent	124	100	17	127	96	13	64	96	13	72	96	13	30	41	-42
C67-Extreme	0	0	-4	0	0	-4	0	0	-4	0	0	-4	4	5	1
C67-Present	0	0	-13	5	4	-9	3	4	-9	3	4	-9	39	53	40
C70-Absent	123	99	5 (*)	128	97	3	64	96	2	70	93	-1	66	90	-4
C70-Extreme	1	1	0	0	0	-1	0	0	-1	2	3	2	0	0	-1
C70-Present	0	0	-5 (*)	4	3	-2	3	4	-1	3	4	-1	7	10	5 (*)
C72-Absent	123	99	20	130	98	19	62	93	14	74	99	20	4	5	-74
C72-Extreme	0	0	-4	0	0	-4	0	0	-4	0	0	-4	2	3	-1
C72-Present	1	1	-16	2	2	-15	5	7	-10	1	1	-16	67	92	75
C73-Absent	121	98	13	130	98	13	66	99	14	75	100	15	17	23	-52
C73-Extreme	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	-1
C73-Present	3	2	-13	2	2	-13	1	1	-14	0	0	-15	56	77	5 (*)
C74-Absent	109	88	-7	114	86	-9	62	93	-2	71	95	0	73	100	5 (*)
C74-Extreme	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C74-Present	15	12	7	18	14	9	5	7	2	4	5	0	0	0	-5 (*)
C75-Absent	123	99	13	132	100	14	67	100	14	75	100	14	21	29	-57
C75-Extreme	0	0	-2	0	0	-2	0	0	-2	0	0	-2	0	0	-2
C75-Present	1	1	-11	0	0	-12	0	0	-12	0	0	-12	52	71	59
C79-Absent	116	94	6	114	86	-2	66	99	11	62	83	-5 (*)	64	88	0
C79-Extreme	0	0	-1	1	1	0	0	0	-1	3	4	3	0	0	-1
C79-Present	8	6	-5 (*)	17	13	2	1	1	-10	10	13	2	9	12	1
C85-Absent	96	77	-15	115	87	-5 (*)	56	84	-8	75	100	8	69	95	3
C85-Extreme	4	3	2	0	0	-1	0	0	-1	0	0	-1	0	0	-1
C85-Present	24	19	12	17	13	6	11	16	9	0	0	-7	4	5	-2
C87-Absent	119	96	10	122	92	6									

Variable-category	Class9 n=124:12%			Class10 n=132:12%			Class11 n=67:6%			Class12 n=75:7%			Class14 n=73:7%			
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)	
C104-Present	16	13		1	25	19	7	25	37	25	2	3	-9	14	19	7
RESPONSE-Responses C1	27	22	12	14	11	1	8	12	2	9	12	2	2	2	3	-7
RESPONSE-Responses C2	13	10	-1	18	14	3	7	10	-1	11	15	4	7	10	-1	
RESPONSE-Responses C3	49	40	2	59	45	7	22	33	-5(*)	25	33	-5(*)	29	40	2	
RESPONSE-Responses C4	4	3	-5(*)	5	2	6	3	4	-4	1	1	0	7	10	2	
RESPONSE-Responses C5	1	1		6	10	8	1	8	12	5(*)	5	7	0	6	3	-3
RESPONSE-Responses C6	23	19	7	22	17	5(*)	10	15	3	18	24	15	3	3	0	
RESPONSE-Responses C7	0	0	-4	0	0	-4	0	0	-4	2	3	-1	10	14	10	
RESPONSE-Responses C8	6	5	-1	4	0	0	0	0	5(*)	2	3	-1	2	5	2	
RESPONSE-Responses C9	0	0	-3	1	1	-2	0	0	0	1	1	-1	4	5	3	
RESPONSE-Responses C10	0	0	-2	1	1	-1	2	3	1	1	1	-2	4	5	3	
RESPONSE-Responses C11	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
RESPONSE-Responses C12	0	0	-1	0	0	-1	1	1	0	0	0	-1	0	0	-1	
COUNTRY-Other	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
COUNTRY-Other Latin American countries	0	0	-1	0	0	-1	0	0	-1	0	0	-1	1	1	0	
COUNTRY-Argentina	0	0	-1	0	0	-1	0	0	-1	0	0	-1	3	4	3	
COUNTRY-Chile	0	0	-1	0	0	-1	0	0	-1	0	0	-1	5	7	6	
COUNTRY-Colombia	0	0	-1	0	0	-1	0	0	-1	0	0	-1	3	4	3	
COUNTRY-USA	1	1	0	0	0	-1	0	0	-1	0	0	-1	1	1	0	
COUNTRY-Ecuador	0	0	-5(*)	0	0	-5(*)	2	3	-2	1	1	-4	3	4	-1	
COUNTRY-Spain	119	96		129	98		64	96		65	87		4	5	-7	
COUNTRY-Europe	2	2	1	1	1	0	1	1	0	0	0	-1	1	1	0	
COUNTRY-Mexico	0	0	-2	0	0	-2	0	0	-2	0	0	-2	1	1	-1	
COUNTRY-NA	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	0	
COUNTRY-France	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	0	
COUNTRY-Anglo-Saxon countries	0	0	-1	0	0	-1	0	0	-1	0	0	-1	0	0	0	
COUNTRY-Peru	1	1	-4	1	0	-5(*)	0	0	-5(*)	1	1	-4	1	1	-4	
COUNTRY-Venezuela	1	1	17	1	1	17	0	0	18	3	4	14	49	67	49	
REL_MESS1-Absent	112	90	6	121	92	8	56	84	0	65	87	3	47	64	20	
REL_MESS1-Extreme	0	0	-3	0	0	-3	1	1	-2	1	1	-2	4	5	2	
REL_MESS1-NA	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
REL_MESS1-Present	12	10	-3	11	8	-5(*)	10	15	2	8	11	-2	22	30	17	
REL_MESS2-Absent	117	94	4	130	98	8	63	94	4	71	95	5(*)	57	78	12	
REL_MESS2-Extreme	1	1	-3	1	1	-3	2	3	-1	0	0	-4	3	4	0	
REL_MESS2-NA	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
REL_MESS2-Present	6	5	-1	1	1	-5(*)	2	3	-3	3	4	-2	13	18	12	
REL_MESS3-Absent	124	100	1	132	100	1	67	100	1	74	99	0	67	92	7	
REL_MESS3-NA	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
REL_MESS3-Present	0	0	-1	0	0	-1	0	0	-1	0	0	-1	6	8	7	
REL_MESS4-Absent	124	100	1	132	100	1	64	96	-3	74	99	0	72	99	0	
REL_MESS4-Extreme	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	
REL_MESS4-NA	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
REL_MESS4-Present	0	0	0	0	0	0	2	3	3	0	0	0	1	1	1	
REL_MESS5-Absent	124	100	0	132	100	0	66	99	-1	74	99	-1	75	100	0	
REL_MESS5-NA	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	
REL_MESS5-Present	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	
REL_MESS MA-Absent	107	86	10	120	91	15	51	76	0	63	84	8	33	45	21	
REL_MESS MA-NA	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	
REL_MESS MA-Type 1	10	8	-5(*)	11	8	-5(*)	11	16	3	8	11	-2	21	29	16	
REL_MESS MA-Type 2	7	6	-3	1	1	-8	3	4	-5(*)	3	4	-5(*)	15	21	12	
REL_MESS MA-Type 3	0	0	0	0	0	0	0	0	0	0	0	0	3	4	4	
REL_MESS MA-Type 4	0	0	0	0	0	0	2	3	3	0	0	0	1	1	1	
TRUMP-Anti-Trump	0	0	-1	2	2	1	2	3	2	0	0	-1	0	0	-1	
TRUMP-NA	97	78	-6	112	85	1	53	79	-5(*)	73	97	13	40	55	29	
TRUMP-Trump	27	22	7	18	14	-1	12	18	3	2	3	-12	33	45	20	
ANTIVAX-NA	97	78	-10	109	83	-5(*)	47	70	-18	69	92	4	67	92	4	
ANTIVAX-Denier	26	21	18	14	11	5(*)	8	12	6	2	3	-3	1	1	-5(*)	
ANTIVAX-Non-Denier	1	1	-4	9	7	2	12	18	19	4	5	0	3	7	2	

(\*) All figures in this table are approximations. If it has not been marked as a highlighted figure, it is because the real non-approximated number was not greater than +5 or lesser than -5.

Intervals of intensity of under- (blue) and over-representation (red)

Interval 1:  $-6 > x > -12$

Interval 2:  $-12 > x > -23$

Interval 3:  $-23 > x > -37$

Interval 4, extreme values:  $x < -37$

Interval 1:  $6 \leq x < 13$

Interval 2:  $13 \leq x < 24$

Interval 3:  $24 \leq x < 39$

Interval 4, extreme values:  $x \geq 39$

On the construction of both these difference intervals (subtraction) and the following relationship-ratio intervals (division), see the pertinent explanation in the final part of Annex 2.9, after the tables.

Variable-category	Class2 n=52:4.9%			Class4 n=46:4%			Class13 n=40:3.8%		
	F	%	D (p-P)	F	%	D (p-P)	F	%	D (p-P)
SEX-Woman	31	60	1	36	78	2(*)	21	53	1
SEX-Man	17	33	1	7	15	0	15	38	1
SEX-NA	4	8	0	3	7	1	4	10	2(*)
AGE-21-25	0	0	0	1	2	2(*)	1	3	3
AGE-26-30	0	0	0	0	0	0	2	5	1
AGE-31-35	0	0	0	3	7	1	3	8	1
AGE-36-40	5	10	1	1	2	0	5	13	2(*)
AGE-41-45	6	12	1	5	11	1	8	20	2(*)
AGE-46-50	7	13	1	10	22	1	9	23	2(*)
AGE-51-55	1	2	0	0	0	0	3	8	1
AGE-56-60	5	10	2(*)	3	7	1	4	10	2(*)
AGE-61-65	3	6	1	6	13	3	1	3	1
AGE-66-70	1	2	1	3	7	2	0	0	0
AGE-71-75	2	4	1	5	11	4	0	0	0
AGE-76-80	1	2	2(*)	4	9	9	0	0	0
AGE-NA	21	40	1	5	11	0	4	10	0
OCCUPATION-Other	0	0	0	1	2	1	1	3	2(*)
OCCUPATION-Unemployed	1	2	1	0	0	0	0	0	0
OCCUPATION-Informal economy	0	0	0	6	13	7	0	0	0
OCCUPATION-Executives, managers and directors	1	2	2(*)	0	0	0	0	0	0
OCCUPATION-Forces of law and order	1	2	1	0	0	0	1	3	1
OCCUPATION-Civil service administrators	2	4	3	4	9	2(*)	1	3	2
OCCUPATION-Retiree	3	6	3	4	9	3	0	0	0
OCCUPATION-NA	24	46	1	19	41	1	2	5	0
OCCUPATION-Employed	6	12	4	0	0	0	0	0	0
OCCUPATION-Pensioner	2	4	4	0	0	0	0	0	0
OCCUPATION-Small entrepreneur/self-employed	1	2	0	1	2	0	11	28	2
OCCUPATION-"Social" professions and "care" procurement	6	12	1	10	22	2(*)	16	40	3
OCCUPATION-Business professions	0	0	0	0	0	0	0	0	0
OCCUPATION-Legal professions	1	2	1	1	2	1	3	8	3
OCCUPATION-Technical/socio-technical professions	1	2	1	3	7	2(*)	5	13	3
OCCUPATION-Employed worker	3	6	2(*)	0	0	0	0	0	0
FAM_INTEGR-Married	3	6	2(*)	1	2	1	1	3	1



Variable-category	Class2 n=52;4.9%			Class4 n=46;4%			Class13 n=40;3.8%		
	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)
FAM_INTEGR-Married with children	15	29	1	22	48	2 (*)	14	35	1
FAM_INTEGR-Divorced	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Divorced with children	5	10	3	3	7	2	1	3	1
FAM_INTEGR-Divorced without children	0	0	0	1	2	0	0	0	0
FAM_INTEGR-NA	26	50	1	17	37	1	18	45	1
FAM_INTEGR-No partner with children	0	0	0	1	2	0	0	0	0
FAM_INTEGR-Separated with children	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Single with children	0	0	0	0	0	0	1	3	0
FAM_INTEGR-Single	2	4	1	1	2	0	3	8	2 (*)
FAM_INTEGR-With boy/girlfriend	0	0	0	0	0	0	1	3	3
FAM_INTEGR-Widow/er	0	0	0	0	0	0	1	3	0
FAM_INTEGR-Widow/er with children	0	0	0	0	0	0	0	0	0
FAM_INTEGR-Widow/er without children	1	2	0	0	0	0	0	0	0
CLOS_DISEAS-NA	43	83	1	36	78	1	31	78	1
CLOS_DISEAS-CloseSick	9	17	1	10	22	2 (*)	9	23	2 (*)
SICK-Sick	12	23	3	5	11	1	4	10	1
SICK-NA	40	77	1	40	87	1	36	90	1
SICK-NotSick	0	0	0	1	2	0	0	0	0
DISEASE-Absent	29	56	1	3	7	0	16	40	1
DISEASE-Accident/Violence	1	2	2 (*)	1	2	2 (*)	0	0	0
DISEASE-Other	6	12	1	22	48	5	6	15	2 (*)
DISEASE-Alzheimer's	0	0	0	0	0	0	0	0	0
DISEASE-Heart diseases	0	0	0	0	0	0	0	0	0
DISEASE-Covid-19	3	6	2 (*)	0	0	0	3	8	3
DISEASE-Cancer	4	8	1	14	30	3	5	8	1
DISEASE-Diabetes	0	0	0	0	0	0	0	0	0
DISEASE-Various disabilities	2	4	2 (*)	0	0	0	3	8	4
DISEASE-ALS	2	4	1	2	4	1	4	10	2 (*)
DISEASE-Multiple sclerosis	3	6	0	0	0	0	0	0	0
DISEASE-Fibromyalgia	1	2	2 (*)	0	0	0	0	0	0
DISEASE-Renal insufficiency	0	0	0	0	0	0	0	0	0
DISEASE-Mental diseases	1	2	1	1	2	1	0	0	0
DISEASE-Rare diseases	0	0	0	0	0	0	5	13	13
DISEASE-ASD	0	0	0	3	7	7	0	0	0
DISEASE-Transplant	0	0	0	0	0	0	0	0	0
IMMI-Immi	3	6	1	6	13	1	4	10	1
IMMI-NA	0	0	0	0	0	0	0	0	0
IMMI-NonImmi	49	94	1	40	87	1	36	90	1
CAPITAL_NO-Capital	29	56	1	22	48	1	21	53	1
CAPITAL_NO-NA	16	31	1	18	39	1	5	13	0
CAPITAL_NO-NonCapital	7	13	1	6	13	1	14	35	3
SC_POS_REGI-NA	13	25	1	20	43	1	6	15	0
SC_POS_REGI-High poverty	3	6	2 (*)	0	0	0	1	3	1
SC_POS_REGI-Low poverty	11	21	2	1	2	0	6	15	2 (*)
SC_POS_REGI-Extreme poverty	1	2	0	22	48	4	0	0	0
SC_POS_REGI-Moderate poverty	1	2	0	1	2	0	0	0	0
SC_POS_REGI-High income	4	8	1	0	0	0	8	20	2 (*)
SC_POS_REGI-Low income	2	4	2 (*)	0	0	0	0	0	0
SC_POS_REGI-Average income	1	2	1	0	0	0	1	3	2 (*)
SC_POS_REGI-Very high income	16	31	1	2	4	0	18	45	2 (*)
SC_POS_REGI-Very low income	0	0	0	0	0	0	0	0	0
POL_DEF-Center-right	1	2	0	0	0	0	0	0	0
POL_DEF-Ciudadanos	0	0	0	0	0	0	3	8	4
POL_DEF-Considers the entire political class corrupt	2	4	1	0	0	0	0	0	0
POL_DEF-Right	0	0	0	6	13	1	1	3	0
POL_DEF-Left	26	50	13	0	0	0	0	0	0
POL_DEF-Avoid defining him/herself politically at all costs	1	2	1	0	0	0	21	53	18
POL_DEF-Guaidó/Capriles	0	0	0	2	4	1	0	0	0
POL_DEF-Pro-independence	1	2	2 (*)	0	0	0	1	3	3
POL_DEF-Liberal	0	0	0	0	0	0	2	5	1
POL_DEF-NA	0	0	0	0	0	0	0	0	0
POL_DEF-PP	0	0	0	0	0	0	0	0	0
POL_DEF-PSOE	6	12	13	0	0	0	0	0	0
POL_DEF-No apparent interest in politics	2	4	0	38	83	3	12	30	1
POL_DEF-Far-right	0	0	0	0	0	0	0	0	0
POL_DEF-United Podemos	13	25	13	0	0	0	0	0	0
POL_DEF-VOX	0	0	0	0	0	0	0	0	0
C2-Absent	49	94	1	42	91	1	36	90	1
C2-Extreme	1	2	2 (*)	0	0	0	0	0	0
C2-Present	2	4	1	4	9	1	4	10	1
C3-Absent	50	96	1	46	100	1	39	98	1
C3-Extreme	0	0	0	0	0	0	0	0	0
C3-Present	2	4	1	0	0	0	1	3	1
C7-Absent	48	92	1	44	96	1	38	95	1
C7-Extreme	0	0	0	0	0	0	0	0	0
C7-Present	4	8	0	2	4	0	2	5	0
C8-Absent	47	90	1	46	100	1	38	95	1
C8-Extreme	1	2	0	0	0	0	0	0	0
C8-Present	4	8	0	0	0	0	2	5	0
C12-Absent	46	88	2	34	74	2 (*)	34	85	2
C12-Extreme	0	0	0	1	2	0	2	5	0
C12-Present	6	12	1	11	24	1	4	10	0
C13-Absent	2	4	0	46	100	1	38	95	1
C13-Extreme	33	63	16	0	0	0	1	3	1
C13-Present	17	33	3	0	0	0	1	3	0
C14-Absent	50	96	1	44	96	1	39	98	1
C14-Extreme	0	0	0	0	0	0	0	0	0
C14-Present	2	4	0	2	4	0	1	3	0
C15-Absent	22	42	1	37	80	1	36	90	1
C15-Extreme	14	27	5	4	9	2 (*)	0	0	0
C15-Present	16	31	1	5	11	0	4	10	0
C17-Absent	33	63	1	39	85	1	18	45	1
C17-Extreme	4	8	3	0	0	0	6	15	5
C17-Present	15	29	1	7	15	1	16	40	2 (*)
C24-Absent	51	98	1	45	98	1	40	100	1
C24-Extreme	0	0	0	0	0	0	0	0	0
C24-Present	1	2	0	1	2	0	0	0	0
C27-Absent	52	100	1	45	98	1	40	100	1
C27-Extreme	0	0	0	0	0	0	0	0	0
C27-Present	0	0	0	1	2	0	0	0	0
C29-Absent	49	94	1	43	93	1	32	80	1
C29-Extreme	1	2	2 (*)	0	0	0	0	0	0
C29-Present	2	4	0	3	7	1	8	20	2 (*)
C31-Absent	50	96	1	41	89	1	40	100	1
C31-Extreme	0	0	0	0	0	0	0	0	0
C31-Present	2	4	0	5	11	1	0	0	0
C32-Absent	51	98	1	44	96	1	40	100	1
C32-Extreme	0	0	0	0	0	0	0	0	0
C32-Present	1	2	0	2	4	0	0	0	0
C34-Absent	50	96	1	44	96	1	40	100	1
C34-Extreme	0	0	0	0	0	0	0	0	0
C34-Present	2	4	1	2	4	1	0	0	0
C36-Absent	24	46	1	38	83	1	36	90	1
C36-Extreme	4	8	8	0	0	2 (*)	0	0	0
C36-Present	24	46	6	7	15	2 (*)	4	10	1
C39-Absent	39	75	1	42	91	1	38	95	1
C39-Extreme	2	4	4	0	0	0	1	3	3
C39-Present	11	21	4	4	9	2 (*)	1	3	1
C40-Absent	45	87	1	46	100	1	31	78	1
C40-Extreme	2	4	1	0	0	0	1	3	0
C40-Present	5	10	1	0	0	0	8	20	2 (*)

Variable-category	Class2 n=524.9%			Class4 n=46.4%			Class13 n=403.8%		
	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)
C42-Absent	36	69	1	45	98	1	34	85	1
C42-Extreme	3	6	3	0	0	0	0	0	0
C42-Present	13	25	2 (*)	1	2	0	6	15	1
C43-Absent	52	100	1	46	100	1	38	95	1
C43-Extreme	0	0	0	0	0	0	0	0	0
C43-Present	0	0	0	0	0	0	2	5	1
C46-Absent	48	92	1	44	96	1	40	100	1
C46-Extreme	0	0	0	1	2	2 (*)	0	0	0
C46-Present	4	8	0	1	2	0	0	0	0
C49-Absent	47	90	1	45	98	1	37	93	1
C49-Extreme	2	4	4	1	2	2 (*)	0	0	0
C49-Present	3	6	1	0	0	0	3	8	2 (*)
C51-Absent	46	88	1	41	89	1	36	90	1
C51-Extreme	0	0	0	1	2	1	1	3	1
C51-Present	6	12	1	4	9	1	3	8	0
C52-Absent	45	87	1	42	91	1	32	80	1
C52-Extreme	1	2	1	1	2	1	1	3	1
C52-Present	6	12	1	3	7	1	7	18	1
C56-Absent	49	94	1	42	91	1	25	63	1
C56-Extreme	0	0	0	1	2	1	6	15	8
C56-Present	3	6	0	3	7	1	9	23	2 (*)
C57-Absent	48	92	1	42	91	1	33	83	1
C57-Extreme	1	2	2 (*)	1	2	2 (*)	0	0	0
C57-Present	3	6	1	3	7	1	18	45	2 (*)
C59-Absent	49	94	1	42	91	1	40	100	1
C59-Extreme	0	0	0	0	0	0	0	0	0
C59-Present	3	6	1	4	9	1	0	0	0
C63-Absent	47	90	1	28	61	1	40	100	1
C63-Extreme	0	0	0	3	7	7	0	0	0
C63-Present	5	10	1	15	33	4	0	0	0
C66-Absent	42	81	1	20	43	1	36	90	1
C66-Extreme	0	0	0	9	20	20	0	0	0
C66-Present	10	19	1	17	37	2	4	10	1
C67-Absent	45	87	1	6	13	0	35	88	1
C67-Extreme	1	2	1	30	65	16	0	0	0
C67-Present	6	12	1	10	22	2 (*)	5	13	1
C70-Absent	48	92	1	30	65	1	40	100	1
C70-Extreme	0	0	0	5	11	11	0	0	0
C70-Present	4	8	2 (*)	11	24	5	0	0	0
C72-Absent	50	96	1	12	26	0	40	100	1
C72-Extreme	0	0	0	9	20	5	0	0	0
C72-Present	2	4	0	25	54	3	0	0	0
C73-Absent	50	96	1	22	48	1	40	100	1
C73-Extreme	0	0	0	1	2	2 (*)	0	0	0
C73-Present	2	4	0	23	50	3	0	0	0
C74-Absent	51	98	1	45	98	1	40	100	1
C74-Extreme	1	2	0	0	0	0	0	0	0
C74-Present	0	0	0	1	2	0	0	0	0
C75-Absent	51	98	1	32	70	1	40	100	1
C75-Extreme	0	0	0	0	0	0	0	0	0
C75-Present	1	2	0	14	30	3	0	0	0
C79-Absent	44	85	1	30	65	1	39	98	1
C79-Extreme	1	2	2 (*)	0	0	0	0	0	0
C79-Present	7	13	1	16	35	3	1	3	0
C85-Absent	52	100	1	46	100	1	40	100	1
C85-Extreme	0	0	0	0	0	0	0	0	0
C85-Present	0	0	0	0	0	0	0	0	0
C87-Absent	41	79	1	40	87	1	17	43	1
C87-Extreme	2	4	2 (*)	2	4	2 (*)	2	5	3
C87-Present	9	17	1	4	9	1	21	53	1
C93-Absent	46	88	1	43	93	1	29	73	1
C93-Extreme	4	8	4	0	0	0	6	15	8
C93-Present	2	4	1	3	7	1	5	13	2 (*)
C97-Absent	50	96	1	45	98	1	2	5	0
C97-Extreme	0	0	0	0	0	0	31	78	16
C97-Present	2	4	1	1	2	0	7	18	2
C99-Absent	45	87	1	46	100	1	29	73	1
C99-Extreme	1	2	2 (*)	0	0	0	5	13	13
C99-Present	6	12	2	0	0	0	6	15	3
C104-Absent	47	90	1	45	98	1	34	85	1
C104-Present	5	10	1	1	2	0	6	15	1
RESPONSE-Responses C1	5	10	1	0	0	0	3	8	1
RESPONSE-Responses C2	7	13	1	0	0	0	6	15	1
RESPONSE-Responses C3	23	44	1	10	22	1	20	50	1
RESPONSE-Responses C4	2	4	1	13	28	4	1	3	0
RESPONSE-Responses C5	2	4	1	7	15	2	1	3	0
RESPONSE-Responses C6	8	15	1	5	11	1	5	13	1
RESPONSE-Responses C7	2	4	0	7	15	4	2	5	1
RESPONSE-Responses C8	0	0	2 (*)	1	2	1	0	0	0
RESPONSE-Responses C9	0	0	0	2	4	1	0	0	0
RESPONSE-Responses C10	0	0	0	1	2	1	0	0	0
RESPONSE-Responses C11	0	0	0	0	0	0	0	0	0
RESPONSE-Responses C12	0	0	0	0	0	0	0	0	0
COUNTRY-Other	0	0	0	0	0	0	0	0	0
COUNTRY-Other Latin American countries	0	0	0	0	0	0	0	0	0
COUNTRY-Argentina	1	2	2 (*)	0	0	0	0	0	0
COUNTRY-Chile	0	0	0	2	4	4	1	3	3
COUNTRY-Colombia	0	0	0	0	0	0	0	0	0
COUNTRY-USA	0	0	0	1	2	2 (*)	0	0	0
COUNTRY-Ecuador	2	4	1	0	0	0	2	5	1
COUNTRY-Spain	33	63	1	3	7	0	34	85	1
COUNTRY-Europe	0	0	0	0	0	0	0	0	0
COUNTRY-México	0	0	0	0	0	0	1	3	2 (*)
COUNTRY-NA	0	0	0	0	0	0	0	0	0
COUNTRY-Paraguay	0	0	0	1	2	2 (*)	0	0	0
COUNTRY-Anglo-Saxon countries	1	2	2 (*)	0	0	0	0	0	0
COUNTRY-Peru	14	27	8	0	0	0	2	5	1
COUNTRY-Venezuela	1	2	0	39	85	3	0	0	0
REL_MESS1-Absent	44	85	1	34	74	1	39	98	1
REL_MESS1-Extreme	1	2	1	3	7	2	0	0	0
REL_MESS1-NA	0	0	0	0	0	0	0	0	0
REL_MESS1-Present	7	13	1	9	20	2 (*)	1	3	0
REL_MESS2-Absent	51	98	1	41	89	1	39	98	1
REL_MESS2-Extreme	0	0	0	2	4	1	0	0	0
REL_MESS2-NA	0	0	0	0	0	0	0	0	0
REL_MESS2-Present	1	2	0	3	7	1	1	3	1
REL_MESS3-Absent	52	100	1	46	100	1	40	100	1
REL_MESS3-NA	0	0	0	0	0	0	0	0	0
REL_MESS3-Present	0	0	0	0	0	0	0	0	0
REL_MESS4-Absent	52	100	1	46	100	1	40	100	1
REL_MESS4-Extreme	0	0	0	0	0	0	0	0	0
REL_MESS4-NA	0	0	0	0	0	0	0	0	0
REL_MESS4-Present	0	0	0	0	0	0	0	0	0
REL_MESS5-Absent	52	100	1	46	100	1	40	100	1
REL_MESS5-NA	0	0	0	0	0	0	0	0	0
REL_MESS5-Present	0	0	0	0	0	0	0	0	0
REL_MESS_MA-Absent	44	85	1	29	63	1	35	95	1
REL_MESS_MA-NA	0	0	0	0	0	0	0	0	0
REL_MESS_MA-Type 1	7	13	1	12	26	2 (*)	1	3	0
REL_MESS_MA-Type 2	1	2	0	5	11	1	1	3	0
REL_MESS_MA-Type 3	0	0	0	0	0	0	0	0	0

Variable-category	Class2 n=52;4.9%			Class4 n=46;4%			Class13 n=40;3.8%		
	F	%	D (p/P)	F	%	D (p/P)	F	%	D (p/P)
REL_MESS_MA-Type 4	0	0	0	0	0	0	0	0	0
TRUMP-Anti-Trump	1	2	2 (*)	0	0	0	0	0	0
TRUMP-NA	50	96	1	41	89	1	40	100	1
TRUMP-Trump	1	2	0	5	11	1	0	0	0
ANTIVAX-NA	50	96	1	45	98	1	37	93	1
ANTIVAX-Denier	0	0	0	0	0	0	0	0	0
ANTIVAX-Non-Denier	2	4	1	1	2	0	3	8	2 (*)

(\*) All figures in this table are approximations. If it has not been marked as a highlighted figure, it is because the real non-approximated number was not greater than 2.

### Intervals of intensity of over-representation

Interval 1:  $2 \leq x < 5$

Interval 2:  $5 \leq x < 11$

Interval 3:  $11 \leq x < 16$

Interval 4, extreme values:  $x \geq 16$

### Class 1 (C1)

More men (+22 points); fewer people aged 46-50 years than in the overall distribution (-7 points); less married and with children than in the overall distribution (-13 points); less close to sick (-11 points) and less sick (-7 points) than in the overall distribution; with greater absence of mentioned diseases (+29 points) and less related to ALS (-6 points) or to “other diseases” (-7 points) than in the overall distribution; less living in a capital than in the overall distribution (-27 points); and less from areas of high income (-10 points) or very high income (-16 points) or extreme poverty (-8 points) than in the overall distribution; right-wing people (+28 points) and very contrary to the left (C12-Extreme+C12-Present, +33 points); non-patriots (C8-Absent, +8 points); with great absence of commitment to public service/interest (C17-Absent, +12 points); people who are not against the left-wing media (C17-Absent, +8 points); and who show an absence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Absent, +6 points) and of messages centered on the individual, motivational and self-overcoming content and positive psychology (C56-Absent, +10 points), and who do not condemn machismo (C36-Absent, +7 points) or racism or classism (C39-Absent, +6 points); people with a notable lack of interest in team sports (C40-Absent, +9 points) or free-to-air TV (C42-Absent, +7 points) or jokes and humor (C51-Absent, +10 points) or job demands or the sale of goods and services (C66-Absent, +12 points) nor interested in the demands and supplies of medical treatments and medicines (C67-Absent, +12 points) or in missing persons (C79-Absent, +6 points); people interested in conspiracy theories (C85-Extreme+C85-Present, +6 points); who are not activists in favor of diseases (C87-Absent, +13 points), nor do they seem to be interested in health and medicine (C93-Absent, +9 points) or in the knowledge about the profession or the role played (C97-Absent, +6 points).

Responses to the original tweet from this group tend to be somewhat less from class 3 (encouragement responses, the most frequent for this class) than is the overall distribution (Responses C3, -7 points), they come somewhat less from Spain than those of the overall distribution (COUNTRY-Spain, -6 points), and are less conditioned by the Religious Messages Type V (REL\_MESS5-Absent, +21 points), with Religious Messages Type II being the most influential in dictating the content of their responses (REL\_MESS\_MA-Type 2, +6 points), as well as the trumpist tendencies of the members of this class (TRUMP-Trump, +7 points). These last religious aspects of the response patterns of this class invite us to think that there should be some over-representation of religious responses, as, in fact, happens: non-remarkable over-representations are appreciated (they do not reach +5 points, the threshold beyond which they are remarkable) of “sociodicean” (Responses C6 or class 6) and “theodicy” type responses (Responses C7 or class 7). In fact, the association established between this class 1 and these Responses C7 “theodicy” type is bordering on —without being so for  $\alpha=0.05$ — statistical significance (Annex 3.14: 0.053), and it is the one that is closest to reach it among all the responses of this class.

We find ourselves before a class (109 elements; 10%) that scores relatively high both in the coordinates +Welfare and Rule-of-law States and Social Right as well as in -Capital of experiencing the disease and Individualism, although not as much as other classes such as the Class 9, which scores much higher than this one, especially in the coordinates +Welfare and Rule-

of-law States and Social Right (Graphs 8, 9, 12 and 16). The responses of this class, very similar to those of the overall distribution, go in the direction pointed out by the initial hypotheses, in which it was expected that individuals classified in this way would not make eminently religious responses, much more common in other classes.

### **Class 2 (C2)**

People who are civil servants, employed, pensioners (over-representation that multiplies by 4 the overall distribution, x4), and retirees (x3); divorced with children (x3); sick (x3); inhabitants of areas of low poverty (x2); extremely from the left-wing positions (left and Unidos Podemos, x13; PSOE, x12); extremely opposed to the right (C13-Present, x3; C13-Extreme, x16); very anti-corruption (C15-Extreme, x5); prone to a high degree of commitment to public service/interest (C17-Extreme, x3); very contrary to machismo (C36-Present, x6; C36-Extreme, x8); opposed to racism and classism (C39-Present and C39-Extreme, x4); they watch free-to-air TV (C42-Extreme, x3); they are quite interested in literature (C49-Extreme, x4) and in health and medical treatments and medicines (C93-Extreme, x4), and they complaint relatively on the trend towards poorer working conditions and greater job insecurity in public health and education (C99-Present, x2).

As for the type of responses to the original tweet from this class, they do not deviate from those of the overall distribution, so the most common responses are encouragement responses (Responses C3). Nor do they deviate from the overall distribution regarding the dimensions of the scales of religiosity or trumpism-antivax-conspiracy theories that could influence responses. The only thing that stands out about this class is its origin, where there is a significant over-representation of the inhabitants of Perú (x5).

This class (52 elements; 4.9%) scores very high in the coordinates of the Social Left and Collectivism, and moderately in the coordinates of -Capital of experiencing the disease and -Welfare and Rule-of-law States (Graphs 8, 9, 13 and 17). The responses in this class match these scores and the characteristics described for this group of people.

### **Class 3 (C3)**

More people which are 31-35 years old (+8 points) and less aged 46-50 (-7 points) and 51-55 (-6 points) than in the overall distribution; less small entrepreneurs/self-employed (-7 points) or “social” professions and “care” procurement than in the overall distribution (-8 points); less married and with children than in the overall distribution (-23 points); less close to sick (-12 points) and less sick (-8 points) than in the overall distribution; with greater absence of mentioned diseases (+29 points) and less related to ALS (-6 points) or to “other diseases” (-9 points) than in the overall distribution; fewer immigrants than in the overall distribution (-6 points); less living in a capital than in the overall distribution (-36 points); and less with high income (-11 points) or very high income (-20 points) than in the overall distribution; less right-wing (-19 points) and Vox (-18 points) and more extraordinarily with no apparent interest in politics (+51 points) than in the overall distribution; somewhat less interested in video games, apps and computers than in the overall distribution (C3-Absent, -6 points); very noticeably less favorable to the discourse of “Law and order” than in the overall distribution (C7-Absent, +28 points); very remarkably unpatriotic (C8-Absent, +25 points); extremely not contrary to the left (C12-Absent, +49 points) but also not opposed to the right (C13-Absent, +7 points); not at all favorable to the free-market (C14-Absent, +17 points); and they do not show at all their opposition to corruption (C15-Absent, +23 points), they seem to be characterized by their lack of commitment to public service/interest (C17-Absent, +11 points) and their indifference to the Venezuelan dictatorship, which they do not condemn (C24-Absent, +9 points); they are extremely not opposed to the left-wing media (C27-Absent, +21 points) and not at all against immigrants (C31-Absent, +22 points) or gender as an explanatory concept and structural axis of inequalities (C32-Absent, +16 points), but, paradoxically, there is also a slight absence of positions against machismo (C36-Absent, +8 points); there is also a slight absence (-6 points) among the members of this class of moralizing messages, ethical precepts, lessons on how to live, setting an example; they are very fond of team sports (C40-Extreme, +11 points); slightly less viewers of free-to-air TV (C42-Present, -7 points)



and non-official or traditional media (C43-Absent, +6 points); people listening recorded music very often (C46-Extreme, +7 points); showing a slight absence of individual-centered messages, motivational and self-overcoming content, and positive psychology (C56-Present, -7 points); a significant trend to denounce cruelty to animals, showing love for them (C63-Extreme, +8 points), and at the same time a lesser absence of messages (that is, there is something more messages of this kind than in the overall distribution) on pet adoption offers (C70-Absent, -6 points); they also present a certain absence of demands or offers of medical treatments and medicines (C67-Absent, +11 points), and a lack of messages of denunciation on the lack of water, electricity, gasoline, health resources, justice, education, etc. (C72-Absent, +11 points), under-representation that is more pronounced for the case of messages on lack of food and housing (C73-Absent, +14 points); there is also a certain absence of messages denouncing State repression and violation of fundamental rights (C75-Absent, +11 points); and this people are more opposed to conspiracy theories (C85-Absent, +7 points); and far fewer disease activists (C87-Absent, +13 points), as well as these people are less likely to refer to health and pharmaceutical (medicine) content (C93-Absent, +8 points), or to contents about the profession or roles played (C97-Absent, +7 points); finally, they also show a lower inclination to the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (C104-Absent, +8 points).

According to all that has been said so far, the responses in this class are somewhat less of the “sociodicean” type (Responses class 6, -6 points), and seem to have been somewhat more conditioned by the Religious Messages Type I (REL\_MESS1-Extreme, +7 points), and much less by trumpism (-14 points). They also come much less from Spain (-18 points).

This is a class (78 elements; 7%) that scores very high in the coordinate -Capital of experiencing the disease (it seems the most extreme class of all in this facet) and quite high in the Social Left, but at the same time it seems to lean more towards Individualism than towards Collectivism, and rather towards the coordinate -Welfare and Rule-of-law States, in which it scores moderately, being almost at the center of the axis defined by the Welfare and Rule-of-law States (Graphs 8, 9, 12 and 16). This could be related to the slight over-representation of the Religious Messages Type I just seen for members of this class, which would go in the same direction as the initial hypotheses pointed out.

#### **Class 4 (C4)**

Over-representation of older individuals (61-65 years, x3; 66-70, x2; 71-75, x4; culminating in 76-80, x9); considerably more people employed in the informal economy (x7) and retirees (x5); slightly more divorced with children (x2); much more likely to mention “other diseases” (x5) and ASD (x7) and only a little more cancer (x3); more inclined to live in regions of extreme poverty (x4) and which show much less no apparent interest in politics (x3); these people show a greater inclination against cruelty and love for animals (C63-Extreme, x7; C63-Present, x4); and an extremely higher demand for jobs and offers for the sale of goods and services than in the overall distribution (C66-Extreme, x20; C66-Present, x2), and also an extremely higher demand or supply of medical treatments and medicines than in the overall distribution (C67-Extreme, x16), and they are remarkably more pet adoption providers (C70-Extreme, x11; C70-Present, x5); they have a great lack of water, electricity, gasoline, health resources, justice, education, etc. (C72-Extreme, x5; C72-Present, x3), and food and housing (C73-Present, x3), and also denounce State repression and violation of fundamental rights (C75-Present, x3), as well as also, related to this last aspect, the existence of missing persons (C79-Present, x3).

Very consistently, the responses of these people are always of a religious nature, as predicted by the initial hypotheses. The most over-represented responses are those of class 4 (Responses C4, x4), or religious response from the faith as a way of coping with the disease; those of class 5 (Responses C5, x2), or religious response to the social disintegration of the sick to provide them with optimism; and those of class 7 (Responses C7, x4), or a religious response of “theodicy” and blessing type that gives meaning to the lives of believers through the example of faith of the sick. Indeed, the analysis of the statistical significances of the local associations between variables in the cells from Fisher’s exact test confirms that these three types of responses are the most significantly associated with this class (Annex 3.14: significance <0, 0001 for Responses C4;

statistical significance 0.030 for Responses C5; and statistical significance 0.003 for Responses C7; all significant for  $\alpha=0.05$ ). As expected, these responses often come from countries such as Chile (x4), but especially from Venezuela (x5), and also, as was to be expected, the influence of the religious dimension on them, as just described, is very remarkable (REL\_MESS1-Extreme, x2).

Indeed, as already predicted by the initial hypotheses, this class (46 elements; 4%) scores very high in the coordinate -Welfare and Rule-of-law States (perhaps the one that scores the highest), and moderately in the coordinates Social Right (it is not the one that scores higher, but neither does it score low) and -Capital of experiencing the disease; in the Individualism-Collectivism axis it seems to be in an intermediate position between the two extremes (Graphs 8, 9, 12 and 16).

### **Class 5 (C5)**

Over-representation of aged 26-30 and 46-50 years (+15 points respectively), and under-representation of aged 41-45 years (-6 points); more people employed (+11 points) and technical/socio-technical professions (+7 points) than in the overall distribution; more singles (+13 points); people who mention less “other diseases” (-7 points); significantly more inhabitants of capitals (+26 points) and regions of low poverty (+30 points), and slightly less of regions of extreme poverty (-9 points); a little more from the left-wing positions (+7 points), quite a bit more people who have no apparent interest in politics (+15 points), and quite a bit less from Vox (-17 points); people quite interested in advertising, contests and commercial promotions (C2-Present, +14 points) and video games, apps and computer science (C3-Present, +16 points); less favorable to the discourse of “Law and order” (C7-Absent, +16 points); very notably less patriotic (C8-Absent, +24 points) and less opposed to the left (C12-Absent, +33 points), not at all opposed to the left-wing media (C27-Absent, +17 points), and quite opposed to the right-wing (C13-Present, +20 points); not at all favorable to the free-market (C14-Absent, +14 points); discreetly anti-corruption (C15-Present, +6 points); strongly in favor of the commitment to public service/interest (C17-Extreme, +8 points; C17-Present, +14 points); not interested in the Venezuelan dictatorship or its ups and downs (C24-Absent, +9 points); not at all opposed to immigrants (C31-Absent, +18 points) and gender as an explanatory concept and structural axis of inequalities (C32-Absent, +14 points), these people are very strongly opposed to machismo (C36-Present, +25 points) and discreetly opposed to racism and classism (C39-Present, +6 points); team sports fans (C40-Present, +9 points) and they are also very fond of watching free-to-air TV (C42-Present, +22 points) and listening to recorded music (C46-Present, +17 points), but there are discreetly less literature readers than in the overall distribution (C49-Absent, -6 points); very prone to jokes and humor (C51-Present, +35 points); they tend to narrate “subjective” experiences on Twitter following the scheme of the personal diary (C52-Present, +13 points), over-representation of individual-centered messages, motivational and self-overcoming content, positive psychology (C56-Present, +8 points), and phrases or texts of famous people and the cult of personality and the individual (C57-Present, +7 points), underlying inclinations that are even clearer when they become evident from the prominent interest for viral, spectacular, emotional videos, and display of personal skills videos (C59-Present, +18 points); they publish a lot of content on job demands or sale of goods and services (C66-Present, +16 points); they do not have outstanding shortage of water, electricity, gasoline, health resources, justice, education, etc. (C72-Absent, +12 points), nor do they suffer State repression or violation of their fundamental rights (C75-Absent, +9 points), although members of this class very insistently denounce the existence of missing persons (C79 -Present, +22 points); they are not followers of conspiracy theories (C85-Absent, +6 points), and are usually a little interested in health and medicine-related content (C93-Present, +7 points) and rather in the complaints on the trend towards poorer working conditions and greater job insecurity in public health and education (C99-Present, +13 points).

The characteristics just described fit very well with the discreet over-representation of the responses of class 3, encouragement responses, that is seen among the members of this class (Responses C3, +9 points), and that also fits very well with the irrelevance which take the religious dimensions in this class (REL\_MESS1-Absent, +11 points; REL\_MESS\_MA-Absent, +6 points; TRUMP-Trump, -11 points; ANTIVAX-Non-Denier, +9 points). There is also a slight

under-representation of the class 6 responses, the “sociodicean” responses (Responses C6, -7 points). Responses in this class have a greater tendency to come from Ecuador (+14 points) and Perú (+13 points), and less from Spain (-8 points), and Venezuela (-18 points).

This is a class (57 elements; 5.3%) that scores very high in the Social Left coordinate, relatively high in -Welfare and Rule-of-law States (although it is not the one that scores highest in this aspect), and moderately high in the coordinates -Capital of experiencing the disease and Individualism, where it seems to be located in an intermediate position, right in the middle of the two ends of these two axes (Graphs 8, 9, 11 and 15).

### **Class 6 (C6)**

More women (+8 points); slightly less married (-7 points) and sick (-6 points) than in the overall distribution; people that when they do not mention diseases they do it less than in the overall distribution (-22 points), but when they mention them, they mention more “other diseases” (+15 points) and cancer (+6 points); they are much more immigrant (+14 points), and slightly more capital inhabitants (+8 points); extraordinarily much more inhabitants of regions of extreme poverty (+46 points) and much less of zones of high income (-10 points) and very high income (-22 points); they consider more the entire political class corrupt (+6 points), they are much more right-wing (+18 points) and supporters of Guaidó and Capriles (+23 points) and much less disinterested in politics (-16 points) and Vox (-18 points); not at all favorable to the discourse of “Law and order” (C7-Absent, +13 points); very noticeably less patriotic (C8-Absent, +27 points), and also very strongly more opposed to the left (C12-Extreme, +9 points; C12-Present, +26 points) and not at all to the right (C13-Absent, +12 points); unfavorable to the free-market (C14-Absent, +6 points); extraordinarily much more anti-corruption (C15-Extreme, +8 points; C15-Present, +36 points); with no commitment to public service/interest (C17-Absent, +9 points); extraordinarily, outstandingly, and extremely favorable to end the dictatorship in Venezuela (C24-Extreme, +26 points; C24-Present, +47 points); they do not show their opposition to the left-wing media (C27-Absent, +11 points); absence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Absent, +6 points); not at all opposed to immigrants (C31-Absent, +16 points) and gender as an explanatory concept and structural axis of inequalities (C32-Absent, +16 points); nor opposed to abortion and in favor of traditional family (C34-Absent, +6 points); but with the absence of being against machismo (C36-Absent, +6 points); without any interest in team sports (C40-Absent, +16 points) or free-to-air TV (C42-Absent, +11 points); they are not followers of media not related to the official or traditional ones like Iker Jiménez, “The secret meeting” or “The lineage of the free ones” (C43-Absent, +6 points); without a strong predisposition towards jokes or humor (C51-Absent, +6 points); they do not narrate their “subjective” experiences following the scheme of the personal diary (C52-Absent, +10 points) nor do they have a tendency to messages focused on the individual, motivational and self-overcoming contents, positive psychology (C56-Absent, +8 points), the phrases or texts of famous people, and the cult of personality and the individual (C57-Absent, +6 points); they show a certain presence of content on job demands or sale of goods and services (C66-Present, +8 points), an extremely prominent over-representation of the demands or supplies of medical treatments and medicines (C67-Present, +36 points), and an even more extraordinarily relevant over-representation of complaints about the lack of water, electricity, gasoline, health resources, justice, education (C72-Extreme, +45 points; C72-Present, +24 points), food and housing (C73-Extreme, +8 points; C73-Present, +39 points); there is no inclination towards conspiracy theories (C85-Absent, +7 points); nor towards the activism in favor of diseases (C87-Absent, +7 points), or the contents on the knowledge about the profession or the role played (C97-Absent, +10 points).

In this class there is a certain under-representation of the responses of classes 1 or responses of deep admiration (Responses C1, -9 points), 3 or responses of encouragement (Responses C3, -10 points), and 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points). Generally, these are the responses in which the religious dimensions do not play any prominent role. But, on the other hand, there is an over-representation of the responses of classes 4 or religious responses from the faith (Responses C4, +16 points; the most outstanding over-

representation of all and with a significance  $<0.0001$ : Annex 3.14), 5 or religious responses to the social disintegration of the sick (Responses C5, +8 points; significance of 0.020: Annex 3.14), and 9 or religious responses of doxic imposition (Responses C9, +7 points; significance of 0.002: Annex 3.14). The associations indicated between this class and these last three types of responses are significant for  $\alpha=0.05$ . These responses have a tendency to come from Venezuela extraordinarily greater than in the overall distribution (+60 points), and to be much more influenced by the dimensions of religiosity (REL\_MESS1-Present, +13 points; REL\_MESS\_MA-Type 1, +13 points; TRUMP-Trump, +23 points).

It is a class (68 elements; 6%) that scores quite high in the coordinates -Welfare and Rule-of-law States and Social Right, perhaps the one that scores highest in these two quadrants, and moderately in the axes Capital of experiencing the disease and Philosophies of consciousness, where it is located in an intermediate position between the ends of these two axes (Graphs 8, 9, 10 and 14).

That is, as the initial hypotheses pointed out, there is a clear predominance of religious responses among members of this class, fully in line with the position they occupy within the social space built of 4 dimensions.

### **Class 7 (C7)**

More women than in the overall distribution (+6 points); more people aged 41-45 (+7 points); more small entrepreneurs/self-employed (+7 points) and “social” professions and “care” procurement (+10 points); more married with children (+10 points); with greater absence of mentioned diseases (+6 points); more non-immigrants (+8 points); more non-capital (+17 points), high income (+10 points) and very high income inhabitants (+8 points) and fewer people living in extreme poverty (-6 points); extremely many more people with no apparent interest in politics (+34 points) and far fewer from right-wing positions (-13 points) and Vox (-16 points); many more not related to the discourse of “Law and order” (C7-Absent, +21 points) nor patriotic (C8-Absent, +18 points); extraordinarily many fewer individuals opposed to the left (C12-Absent, +39 points), but also not opposed to the right (C13-Absent, +11 points); also significant absence of people in favor of free-market (C14-Absent, +12 points), opposed to corruption (C15-Absent, +19 points) and dictatorship in Venezuela (C24-Absent, +9 points); prominent absence of people opposed to the left-wing media (C27-Absent, +20 points), the immigrants (C31-Absent, +16 points), and gender as an explanatory concept and structural axis of inequalities (C32-Absent, +15 points); absence of inclination to jokes and humor (C51-Absent, +11 points); under-representation of individual-centered messages, motivational and self-overcoming content, and positive psychology (C56-Present, -6 points); discreet absence of viral, spectacular, emotional videos, and display of personal skills videos (C59-Absent, +6 points), job demands or sale of goods and services (C66-Absent, +6 points), demands or supplies of medical treatments and medicines (C67-Absent, +11 points), and very notable absences of complaints on the lack of water, electricity, gas, health resources, justice, education (C72-Absent, +20 points), food and housing (C73-Absent, +14 points), and State repression and violation of fundamental rights (C75-Absent, +14 points); discrete over-representation of disease activism (C87-Extreme, +9 points); absence of people favorable to excellence, gift and merit as an ideology of the worth of the person and the cult of personality (C104-Absent, +11 points).

Responses in this class are characterized by over-representation of class 3 responses or encouragement responses (Responses C3, +11 points; significance of 0.030, significant for  $\alpha=0.05$ : Annex 3.14) and under-representation of responses of class 5, of a religious nature (Responses C5, -6 points). They come mostly from Spain (+11 points) and very little from Venezuela (-12 points), and the influence of the dimensions of religiosity on them is non-existent (REL\_MESS\_MA-Absent, +6 points; of these people we mostly ignore their relationship with trumpism, but it would not be bold to say that it is most likely non-existent: TRUMP-ND, +14 points).

This is how this class (89 elements; 8%) scores relatively high in the coordinate +Welfare and Rule-of-law States, although it is not the one that scores highest in this aspect. In the axis Philosophies of consciousness, it is located more or less between both extremes without being

neither Individualist nor Collectivist. It scores very high in the coordinates Social Left and -Capital of living the disease (Graphs 8, 9, 11 and 15). These scores, as predicted by the initial hypotheses, are very consistent with the type of responses in this class, where non-religious responses (Responses C3) prevail over religious ones (Responses C5), which are clearly under-represented.

### **Class 8 (C8)**

Very notable over-representation of women (+23 points); more people aged 41-45 than in the overall distribution (+9 points); more employed (+6 points); more married (+6 points) and single (+10 points) than married with children (-6 points); more sick people (+19 points); with an extraordinarily marked under-representation of the absence of mentioned illnesses (-32 points) and a significant over-representation of mental illnesses (+15 points); more immigrants (+9 points); fewer inhabitants of high income regions (-8 points) and very high income regions (-13 points); extraordinarily, extremely, and apparently disinterested in politics (+45 points) and less people of Vox (-19 points) and the right-wing (-6 points); very important over-representations of the absence of discourses of “Law and order” (C7-Absent, +23 points), patriotic discourses (C8-Absent, +24 points), and discourses against the left (C12-Absent, +28 points); somewhat less prominent over-representation of the absence of discourses against the right (C13-Absent, +11 points); and quite important over-representation of the absence of discourses in favor of the free-market (C14-Absent, +15 points), and against corruption (C15-Absent, +21 points); very much in favor of the commitment to public service/interest (C17-Present, +13 points) and with absence of discourses about ending the dictatorship in Venezuela (C24-Absent, +9 points); significant under-representation of those who are against the left-wing media (C27-Absent, +18 points); extraordinarily and extremely outstanding presence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Present, +41 points); quite important over-representation of the absence of messages against immigrants (C31-Absent, +15 points) and somewhat more discreet over-representation of the absence of messages against gender as an explanatory concept and structural axis of inequalities (C32-Absent, +7 points); significant presence of messages against abortion and in favor of the traditional family (C34-Present, +11 points); very slight under-representation of messages against machismo (C36-Present, -6 points); lack of interest in team sports (C40-Absent, +12 points), but considerable interest in recorded music (C46-Present, +11 points) and much more in literature (C49-Present, +21 points); marked penchant for jokes and humor (C51-Present, +16 points); significant over-representation of “subjective” narratives following the personal diary model (C52-Present, +22 points); and extraordinary and extremely outstanding presence of messages focused on the individual, motivational and self-overcoming content, and positive psychology (C56-Present, +44 points); over-representation of viral, spectacular, emotional videos, display of personal skills videos (C59-Present, +20 points); over-representation of the absence of job demands or sale of goods and services (C66-Absent, +7 points); notable over-representation of complaints about the lack of water, electricity, gasoline, health resources, justice, education (C72-Present, +14 points), and more discreet about the lack of food and housing (C73-Present, +6 points); over-representation of messages about health and the pharmaceutical industry (C93-Present, +7 points).

The responses in this class are characterized by the under-representation of the responses of class 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points) and the over-representation of the responses of class 4 or religious responses from faith (Responses C4, +9 points; significance of 0.020, significant for  $\alpha=0.05$ : Annex 3.14, which also shows that for this class there is also a significant association with another type of religious responses, those of class 10 ritualistic type). These responses tend to come from Ecuador (+7 points) and Venezuela (+10 points), and there is an extremely notable lack of responses from Spain (-29 points). The influence of the religiosity dimensions on these is evident (REL\_MESS1-Present, +8 points; REL\_MESS2-Extreme, +18 points; REL\_MESS\_MA-Type 2, +20 points).

This is a class (58 elements; 5.4%) that scores quite high in the coordinates -Welfare and Rule-of-law States and Social Left, and tends towards Individualism and -Capital of experiencing the disease (Graphs 8, 9, 12 and 16). These scores are totally consistent with the type of religious

responses that predominate among the members of this class, and go in the same direction as the initial hypotheses pointed out.

### **Class 9 (C9)**

It is useless to describe certain characteristics of this class (sex, age, occupation, degree of family integration, distance from the disease, social context of residence) because in all cases very marked over-representations are observed for the lack of data or category of the missing values (“NA”), which constitutes a datum in itself: the tendency of this class to hide information is more than evident, since it follows a clearly systematic pattern. What is known for sure about this class is that there are fewer people from the right-wing (-9 points), far fewer apparently disinterested in politics (-30 points), and remarkably many more from Vox (+49 points); who have an extremely strong inclination towards “Law and order” discourse (C7-Extreme, +9 points; C7-Present, +36 points) and patriotism (C8-Extreme, +17 points; C8-Present, +38 points), and an even more extreme tendency to be against the left (C12-Extreme, +58 points); they are also extremely free-market-oriented (C14-Present, +31 points), and show a significant lack of commitment to public service/interest (C17-Absent, +16 points); the dictatorship in Venezuela is not an issue that worries them much (C24-Absent, +7 points); they are extremely against the left-wing media (C27-Present, +32 points); and show a discreet absence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Absent, +10 points); they are people who are extremely against immigrants (C31-Extreme, +8 points; C31-Present, +41 points) and gender as an explanatory concept and structural axis of inequalities (C32-Present, +28 points), which it is fully consistent with the discreet absence of content against machismo that they show (C36-Absent, +7 points); they do not seem very interested in team sports (C40-Absent, +10 points) or free-to-air TV (C42-Absent, +11 points); nor do they seem to have a special propensity for jokes and humor (C51-Absent, +12 points); they do not narrate their “subjective” experiences following the personal diary scheme (C52-Absent, +14 points) nor do they have a tendency to messages centered on the individual, motivational and self-overcoming content, positive psychology (C56-Absent, +13 points), the phrases or texts of famous people, cult of personality and the individual (C57-Absent, +7 points), or viral, spectacular, emotional videos, display of personal skills videos (C59-Absent, +7 points); neither do they show content against cruelty to animals and love for them (C63-Absent, +7 points), nor job demands or the sale of goods and services (C66-Absent, +12 points), nor demands or supplies of medical treatments or medicines (C67-Absent, +17 points); they do not denounce the lack of water, electricity, gasoline, health resources, justice, education (C72-Absent, +20 points), food and housing (C73-Absent, +13 points), nor the repression of the State and the violation of fundamental rights (C75-Absent, +13 points), nor do they report the existence of missing persons (C79-Absent, +6 points); they are discreetly against the occupation of dwellings (C74-Present, +7 points); they are favorable to conspiracy theories (C85-Present, +12 points); and do not carry out activism in favor of diseases (C87-Absent, +10 points), nor are they interested in content on health or medicine (C93-Absent, +8 points) or about the profession or role played (C97-Absent, +7 points).

Responses in this class have a greater tendency than usual to be either class 1 or responses of deep admiration based on the omnipresent exaltation of traits socially attributed to the male sex (Responses C1, +12 points; significance <0.0001, significant for  $\alpha=0.05$ : Annex 3.14) or class 6 or “anti-anomic” or “sociodicean” responses (Responses C6, +7 points; significance of 0.028, significant for  $\alpha=0.05$ : Annex 3.14), and to come from Spain (+34 points) instead of Venezuela (-17 points). The analysis of these responses is enough to realize that the influence of the dimensions of religiosity is non-existent. A result that has just been confirmed when examining the dimensions of religiosity itself (REL\_MESS1-Absent, +6 points; REL\_MESS\_MA-Absent, +10 points). In the only aspects of the religiosity dimensions that this class stands out for are trumpism (TRUMP-Trump, +7 points) and conspiracy theories (ANTIVAX-Denier, +15 points).

This is the class (124 elements; 12%) that scores the highest in the coordinates +Welfare and Rule-of-law States and Social Right. It scores moderately high in Capital of experiencing the disease, where it is more or less in the middle of the axis, between the two extremes; and it is also located in an intermediate zone of the axis of the Philosophies of consciousness, in a location that

is neither Individualist nor Collectivist (Graphs 8, 9, 10 and 14). But it has become very clear that the expected responses, not at all influenced by religious dimensions and completely unreligious, are entirely consistent with what the initial hypotheses predicted for the inhabitants of relatively strong Welfare States such as Spain.

### **Class 10 (C10)**

More men than in the overall distribution (+6 points); more married people with children (+9 points); with a greater absence of mentioned diseases (+14 points); more non-immigrants (+9 points); more inhabitants of non-capitals (+21 points), but also of capitals (+14 points); more from high income areas (+16 points) and even more from very high income areas (+25 points); more liberal (+6), from the PP (+8), and very especially from Vox (+27 points), instead of apparently disinterested in politics (-31 points); no interest at all in video games (C3-Absent, +6 points); extremely akin to the discourse of “Law and order” (C7-Present, +42 points); extraordinarily and prominently inclined to patriotism (C8-Extreme, +13 points; C8-Present, +40 points); extraordinarily and remarkably opposed to the left (C12-Extreme, +43 points); very favorable to the free-market (C14-Present, +16 points), and very opposed to corruption (C15-Present, +16 points); absolute disinterest in ending the dictatorship in Venezuela (C24-Absent, +9 points); very extremely against the left-wing media (C27-Present, +37 points); discreet absence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Absent, +7 points); very extremely against immigrants (C31-Present, +36 points), and very much against gender as an explanatory concept and structural axis of inequalities (C32-Present, +21 points), something entirely consistent with the discreet absence of messages against machismo (C36-Absent, +6 points); discreetly in favor of media not related to the official or traditional ones (Iker Jiménez, “The secret meeting,” “The lineage of the free ones”) (C43-Present, +11 points); no tendency to messages centered on the individual, motivational and self-overcoming content, positive psychology (C56-Absent, +10 points); absence of demands or supplies of medical treatments or medicines (C67-Absent, +13 points); they do not denounce the lack of water, electricity, gasoline, health resources, justice, education (C72-Absent, +19 points), food and housing (C73-Absent, +13 points), nor the repression of the State and the violation of fundamental rights (C75-Absent, +14 points); they are discreetly against the occupation of dwellings (C74-Present, +9 points); they are prone to conspiracy theories (C85-Present, +6 points); they are not activists in favor of diseases (C87-Absent, +6 points) nor are they interested in content about their profession or the role played (C97-Absent, +6 points); they show a certain propensity for the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (C104-Present, +7 points).

This class shows a tendency towards class 3 responses or encouragement responses (Responses C3, +7 points) instead of those from class 4 or religious responses from faith (Responses C4, -6 points). These responses come in a resounding majority from Spain (+36 points) instead of from Venezuela (-17 points), and are characterized, as has just been seen, by their non-existent influence of religious dimensions, which is also clearly evident based on the religious scale indicators (REL\_MESS1-Absent, +8 points; REL\_MESS2-Absent, +8 points; REL\_MESS\_MA-Absent, +15; REL\_MESS\_MA-Type 2, -8 points).

This class (132 elements; 12%) is the second that scores highest in the coordinates +Welfare and Rule-of-law States and Social Right, where it scores very slightly tilted towards the Social Left. In the Philosophies of Consciousness axis, it is neither Individualist nor Collectivist, and in the dimension Capital of experiencing the disease it leans towards the coordinate +Capital of experiencing the disease, but very slightly, so that it is located in an intermediate zone of this factor (Graphs 8, 9, 11 and 15). Once again, their responses are fully consistent with these scores and with what the initial hypotheses pointed out.

### **Class 11 (C11)**

More women than in the overall distribution (+15 points); many more people aged 56-60 (+13 points), slightly more aged 41-45 and 51-55 years old (+6 points respectively), and considerably less aged 46-50 years old (-11 points); more small entrepreneurs/self-employed (+6 points) and

dedicated to “social” professions and “care” procurement (+7 points); many more married with children (+22 points); extraordinarily closer to patients (+30 points), slightly more patients (+6 points), somewhat more people who refer to rare diseases (+6 points), very prominently more people which mention ALS (+27 points), and extraordinarily and remarkably much less that do not allude to any disease (-44 points); more non-immigrants (+8 points); many more inhabitants of capitals (+21 points) and of areas of high income (+17 points) and very high income (+22 points) instead of low poverty (-6 points) and extreme poverty (-10 points); slightly more individuals from the PP (+6 points), somewhat more from the right-wing positions (+8 points) and from Vox (+9 points), and quite a few more liberals (+14 points) rather than apparently disinterested in politics, very noticeably under-represented (-27 points); people very strongly related to the “Law and order” discourse (C7-Present, +27 points) and patriots (C8-Present, +37 points); extraordinarily, conspicuously, and extremely anti-left (C12-Extreme, +24 points; C12-Present, +10 points); favorable to the free-market (C14-Present, +13 points); these people do not care about corruption (C15-Absent, +7 points); outstanding commitment to public service/interest (C17-Present, +19 points); no interest in ending the dictatorship in Venezuela (C24-Absent, +9 points); very prominently against the left-wing media (C27-Present, +27 points); significant presence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Present, +17 points); slightly contrary to immigrants (C31-Present, +7 points) and very contrary to gender as an explanatory concept and structural axis of inequalities (C32-Present, +15 points), which is totally consistent with the discreet absence of condemnation messages of machismo (C36-Absent, +8 points); lack of interest in team sports (C40-Absent, +9 points), and discreet interest in free-to-air TV (C42-Present, +9 points) and in the media not related to the official or traditional ones (Iker Jiménez, “The secret meeting,” “The lineage of the free”) (C43-Present, +7 points); discreet presence of messages focused on the individual, motivational and self-overcoming content, positive psychology (C56-Present, +12 points), phrases or texts by famous people, cult of personality and the individual (C57-Present, +11 points); absence of demands or supplies of medical treatments or medicines (C67-Absent, +13 points); they do not denounce the lack of water, electricity, gasoline, health resources, justice, education (C72-Absent, +14 points), food and housing (C73-Absent, +14 points), the repression of the State and the violation of fundamental rights (C75-Absent, +14 points), nor the existence of missing persons (C79-Absent, +11 points); they are somewhat adept at conspiracy theories (C85-Present, +9 points), and are prominently and extremely disease activists (C87-Present, +33 points), as well as interested in health-related content, medicines and the pharmaceutical industry (C93-Extreme, +8 points; C93-Present, +9 points), and the knowledge about the profession or the role played (many of these people work in the medical field as doctors or nurses, and others are teachers, educators, etc.) (C97-Extreme, +8 points; C97-Present, +11 points), and the complaints on the trend towards poorer working conditions and greater job insecurity in public health and education (C99-Present, +11 points); they are also people extremely adept at the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (C104-Present, +25 points).

Responses in this class come overwhelmingly from Spain (+34 points) rather than from Venezuela (-18 points). They are especially characterized by being responses of class 8 or responses of solidarity with the patient and the disease from people close to patients with ALS or other diseases (Responses C8, significance of 0.031, significant for  $\alpha=0.05$ : Annex 3.14), and by the absolute lack of influence of the dimensions of religiosity. The only thing that stands out in this regard for this class is the greater over-representation of those in favor of vaccines (ANTIVAX-Non-Denier, +13 points), although there is also a less important faction of anti-vaccine people (ANTIVAX-Denier, +6 points); a certain polarization that is surely related to the importance that health has for this class, and that has already been revealed throughout this description.

It is a class (67 elements; 6%) that scores very high in the coordinate +Welfare and Rule-of-law States and that seems to be located between Social Right and Social Left poles, very inclined towards the Social Left; and it is the class that scores the highest in the coordinate +Capital of experiencing the disease. As for the Philosophies of consciousness axis, it is situated between Individualism and Collectivism, but slightly inclined towards Individualism (Graphs 8, 9, 13 and 17). Again, their responses are in full agreement with these scores and confirm the validity of the



initial hypotheses. Especially noteworthy for this class is its tendency to Individualism, which deserves to be examined in greater detail.

### **Class 12 (C12)**

Extraordinarily many more men than in the overall distribution (+38 points); many more individuals aged 31-35 (+13 points), slightly more aged 26-30 (+7 points) and 46-50 years old (+9 points), and somewhat less aged 56-60 years old (-6 points); fewer “social” professions and “care” procurement (-9 points); very prominently more people who do not mention any disease (+30 points); more inhabitants of both non-capitals (+13 points) and capitals (+14 points); more residents in very high income areas (+21 points) and high income areas (+7 points); extraordinarily more people with no apparent interest in politics (+32 points) instead of Vox (-14 points) or the right-wing (-13 points); people very interested in advertising, contests and commercial promotions (C2-Present, +22 points) and discreetly interested in videogames, apps and computers (C3-Present, +12 points); not at all akin to the “Law and order” discourse (C7-Absent, +16 points), not at all patriotic (C8-Absent, +22 points), extraordinarily not anti-left (C12-Absent, +34 points), not at all favorable to the free-market (C14-Absent, +15 points), and notably very disinterested in corruption (C15-Absent, +28 points); with a slight absence of commitment to public service/interest (C17-Absent, +7 points); and absolutely no interest in the dictatorship in Venezuela (C24-Absent, +9 points); they are not opposed to the left-wing media (C27-Absent, +16 points); they are not inclined to moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Absent, +8 points); they are not against immigrants (C31-Absent, +17 points) nor against gender as an explanatory concept and structural axis of inequalities (C32-Absent, +9 points) nor against abortion and in favor of the traditional family (C34-Absent, +6 points); but neither do they openly show messages against machismo (C36-Absent, +9 points); they are people extraordinarily, outstandingly, and extremely interested in team sports (C40-Extreme, +33 points; C40-Present, +25 points), and also free-to-air TV viewers (C42-Present, +15 points); very prone to jokes and humor (C51-Extreme, +13 points; C51-Present, +19 points); they have a certain tendency to narrate their “subjective” experiences following the scheme of the personal diary (C52-Present, +6 points); absence of messages focused on the individual, motivational and self-overcoming content, and positive psychology (C56-Absent, +12 points), phrases or texts by famous people, cult of personality and the individual (C57-Absent, +7 points), but presence of viral, spectacular, emotional videos, display of personal skills videos (C59-Present, +11 points); significant absence of demands or supplies of medical treatments and medicine (C67-Absent, +13 points), of complaints about the lack of water, electricity, gasoline, health resources, justice, education (C72-Absent, +20 points), food and housing (C73-Absent, +15 points), also important absence of messages about the repression of the State and the violation of fundamental rights (C75-Absent, +14 points); these people are not followers of conspiracy theories (C85-Absent, +8 points) nor are they activists in favor of diseases (C87-Absent, +11 points), nor are they interested in health, medicine, and pharmaceutical industry (C93-Absent, +8 points); neither do they have a tendency to the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (C104-Absent, +9 points).

Responses in this class tend to be more of class 6 or “anti-anomic” or “sociodicean” responses (Responses C6, +12 points; significance of 0.003, significant for  $\alpha=0.05$ : Annex 3.14) instead of class 4 or religious responses from faith (Responses C4, -7 points). They come in a resounding majority from Spain (+25 points) instead of from Venezuela (-14 points). The influence of the religiosity dimensions on these is null (REL\_MESS\_MA-Absent, +8 points), as can be clearly seen in the most outstanding type of responses.

This is a class (75 elements; 7%) that scores moderately high in the coordinate +Welfare and Rule-of-law States and very high in the Social Left coordinate; and quite high also in the coordinates -Capital of experiencing the disease and Individualism (Graphs 8, 9, 10 and 14). Their responses fully agree with these scores, and again prove the validity of the initial hypotheses.

### **Class 13 (C13)**

People aged 21-25 (x3), although for this class there are also over-representations that are close to the threshold of x2 for those aged 36-40, 41-45, 46-50, and 56-60 years old ( $\approx x2$  respectively); civil servants (x3), small entrepreneurs/self-employed (x2), “social” professions and “care” procurement, legal professions, and technical/socio-technical professions (x3 respectively); people who “have a boyfriend/girlfriend” (x3), but also single ( $\approx x2$ ); close to patients ( $\approx x2$ ); who mention Alzheimer’s ( $\approx x2$ ), covid-19 (x3), various disabilities (x4) and, above all, rare diseases (x13); inhabitants of non-capitals (x3) and of areas of low poverty ( $\approx x2$ ), high income ( $\approx x2$ ), average income ( $\approx x2$ ) and very high income ( $\approx x2$ ); pro-Ciudadanos (x4) and pro-independence (x3), but above all people who avoid defining themselves politically at all costs (x18); they are not anti-left (C12-Absent, x2), and show a very prominent commitment to public service/interest (C17-Extreme, x5); they are extremely opposed to racism and classism (C39-Extreme, x3); very prominent presence of messages focused on the individual, motivational and self-overcoming content, and positive psychology (C56-Extreme, x8); they are activists in favor of diseases (C87-Extreme, x3; C87-Present, x4) and are very interested in health and content related to the pharmaceutical industry (C93-Extreme, x8), as well as in the knowledge about the profession or role played (many are doctors) (C97-Extreme, x16; C97-Present, x2) and the complaints on the trend towards poorer working conditions and greater job insecurity in public health and education (C99-Extreme, x13; C99-Present, x3).

The responses in this class follow the same distribution as the overall sample, with a predominance of those of class 1 or responses of deep admiration, those of class 2 or responses of deep gratitude, those of class 3 or responses of encouragement, or those of class 6 or “anti-anomic” or “sociodicean” responses; which gather, the four together, 86% of the total responses. They usually come from Chile (x3), México ( $\approx x2$ ), and, above all, from Spain (85%), and in this they do not differ at all from the overall distribution. The influence of the dimensions of religiosity on these responses is again null.

This class (40 elements; 3.8%) scores moderately high in the coordinate +Welfare and Rule-of-law States: despite not being the one that scores the highest, it does not lean, far from it, towards the pole -Welfare and Rule-of-law States. It also scores very high in the Social Left coordinate. Regarding the axis Capital of experiencing the disease, it can be said that this is a very dispersed class in the social space, and that it covers a very wide range of positions, with a considerable number of individuals concentrated in the pole -Capital of experiencing the disease, but with another group of people less numerous and much more dispersed that tends towards the pole +Capital of experiencing the disease. But in all cases, they seem to be situated between Individualism and Collectivism without being neither one nor the other (Graphs 8, 9, 10 and 14). As has been observed, the responses of these people, far removed from responses of a religious nature, are, once again, fully consistent with these class scores within the social space constructed from the 4 dimensions considered.

### **Class 14 (C14)**

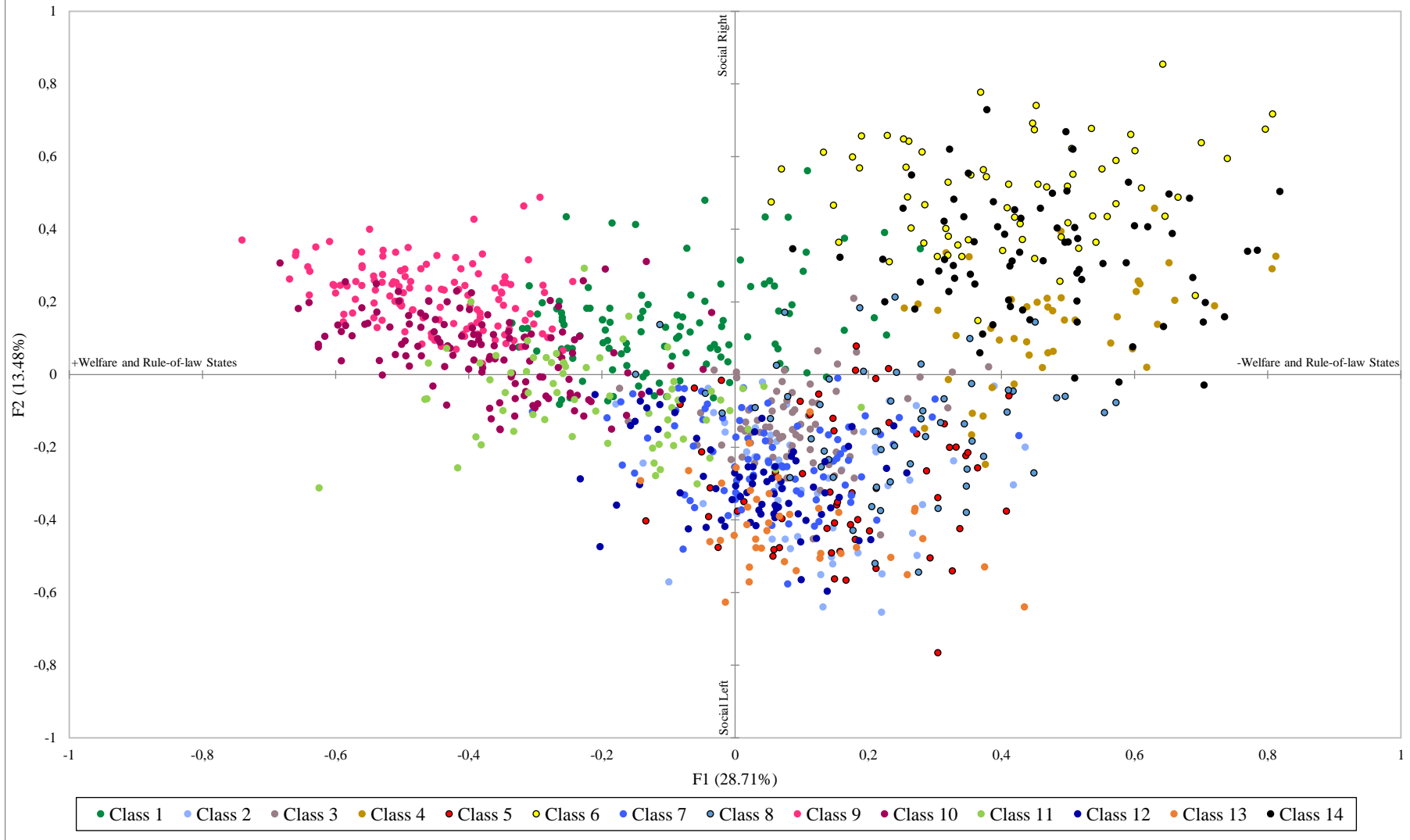
Very notable over-representation of women (+26 points); fewer small entrepreneurs/self-employed (-7 points); more married with children (+8 points); more sick people (+10 points); significantly more people who mention cancer (+18 points) and “other diseases” (+13 points), and a few more who refer to covid-19 (+8 points) than those who do not mention any disease (-36 points); more immigrants (+23 points); more inhabitants of capitals (+9 points); notably many more residents in areas of extreme poverty (+34 points) and only a little more in areas of low poverty (+6 points) than in areas of high income (-11 points) and very high income (-23 points); extraordinarily many more right-wing individuals (+29 points) and only slightly more supporters of Guaidó and Capriles (+9 points) rather than those of Vox (-16 points) or apparently uninterested in politics (-6 points); they are not at all akin to the “Law and order” discourse (C7-Absent, +20 points) and are extraordinarily unpatriotic (C8-Absent, +30 points) and extraordinarily and conspicuously anti-left (C12-Present, +34 points); not opposed to the right (C13-Absent, +10 points); they are not favorable to the free-market (C14-Absent, +6 points); they are strongly opposed to corruption (C15-Present, +27 points) and extraordinarily and extremely in favor of

ending the dictatorship in Venezuela (C24-Present, +31 points); they are not opposed to the left-wing media (C27-Absent, +7 points); significant presence of moralizing messages, ethical precepts, lessons on how to live, setting an example (C29-Present, +15 points); not at all opposed to immigrants (C31-Absent, +17 points) nor to gender as an explanatory concept and structural axis of inequalities (C32-Absent, +8 points), which is very consistent with the fact that they are opposed to machismo ( C36-Present, +10 points); they are against abortion and in favor of the traditional family (C34-Present, +9 points); they show no interest in team sports (C40-Absent, +12 points) or free-to-air TV (C42-Absent, +11 points), or in the media not related to the official or traditional ones (C43-Present, -6 points); extraordinarily important presence of messages focused on the individual, motivational and self-overcoming content, positive psychology (C56-Present, +29 points), they show a slight tendency to viral, spectacular, emotional videos, display of personal skills videos (C59 -Present, +7 points); they are opposed to cruelty against animals and prone to love for them (C63-Present, +8 points); they show an outstanding presence of job demands or sale of goods and services (C66-Present, +16 points) and an extraordinary, outstanding, and extreme presence of demands or supplies of medical treatments or medicines (C67-Absent, +40 points); they denounce with extreme, outstanding, extraordinary, and forceful insistence the lack of water, electricity, gasoline, health resources, justice, education (C72-Present, +75 points), food and housing (C73-Present, +62 points), and State repression and violation of fundamental rights (C75-Present, +59 points); they are not activists in favor of diseases (C87-Absent, +6 points) but they are very interested in content on health and medicine (C93-Present, +15 points); they have a certain inclination towards the ideology of excellence, gift and merit as signs of the worth of the person and the cult of personality (C104-Present, +7 points).

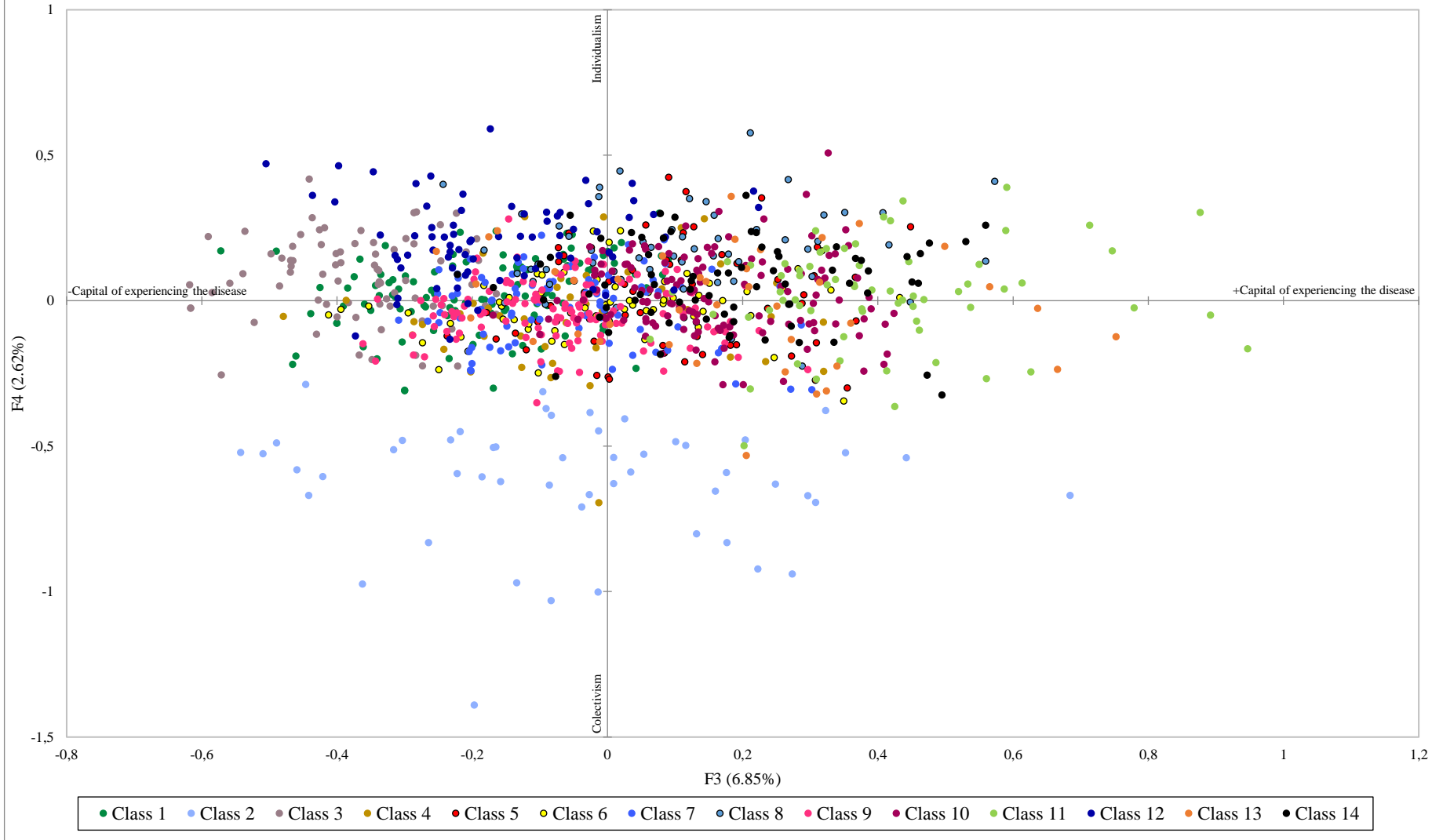
This class stands out for the over-representation of class 7 responses or “theodicy” type religious responses (Responses C7, +10 points; significance of 0.01, significant for  $\alpha=0.05$ : Annex 3.14) and the under-representation of those of classes 1 or responses of deep admiration (Responses C1, -7 points) and 6 or “anti-anomic” or “sociodicean” responses (Responses C6, -9 points). Most of them come from Venezuela (+49 points) and some from Chile (+6 points) instead of from Spain (-57 points). The influence of the religiosity dimensions, as just seen, is overwhelmingly high, as confirmed by the relevant indicators (REL\_MESS1-Present, +17 points; REL\_MESS2-Present, +12 points; REL\_MESS3-Present, +7 points; REL\_MESS\_MA -Type 1, +16 points; REL\_MESS\_MA-Type 2, +12 points; TRUMP-Trump, +30 points).

This class (73 elements; 7%) is the one that scores the highest, by far, in the -Welfare and Rule-of-law States coordinate and also scores very high in the Social Right coordinate. It tends towards the coordinate +Capital of experiencing the disease, where it also scores relatively high, and in relation to the Philosophies of consciousness, it is situated in an intermediate position between the two extremes of the axis without being neither Individualist nor Collectivist (Graphs 8, 9, 11 and 15). As has been verified, the most outstanding type of responses, of a religious nature, fits perfectly with these scores, once again giving validity to the initial hypotheses, which are definitively validated for the purposes of this specific research.

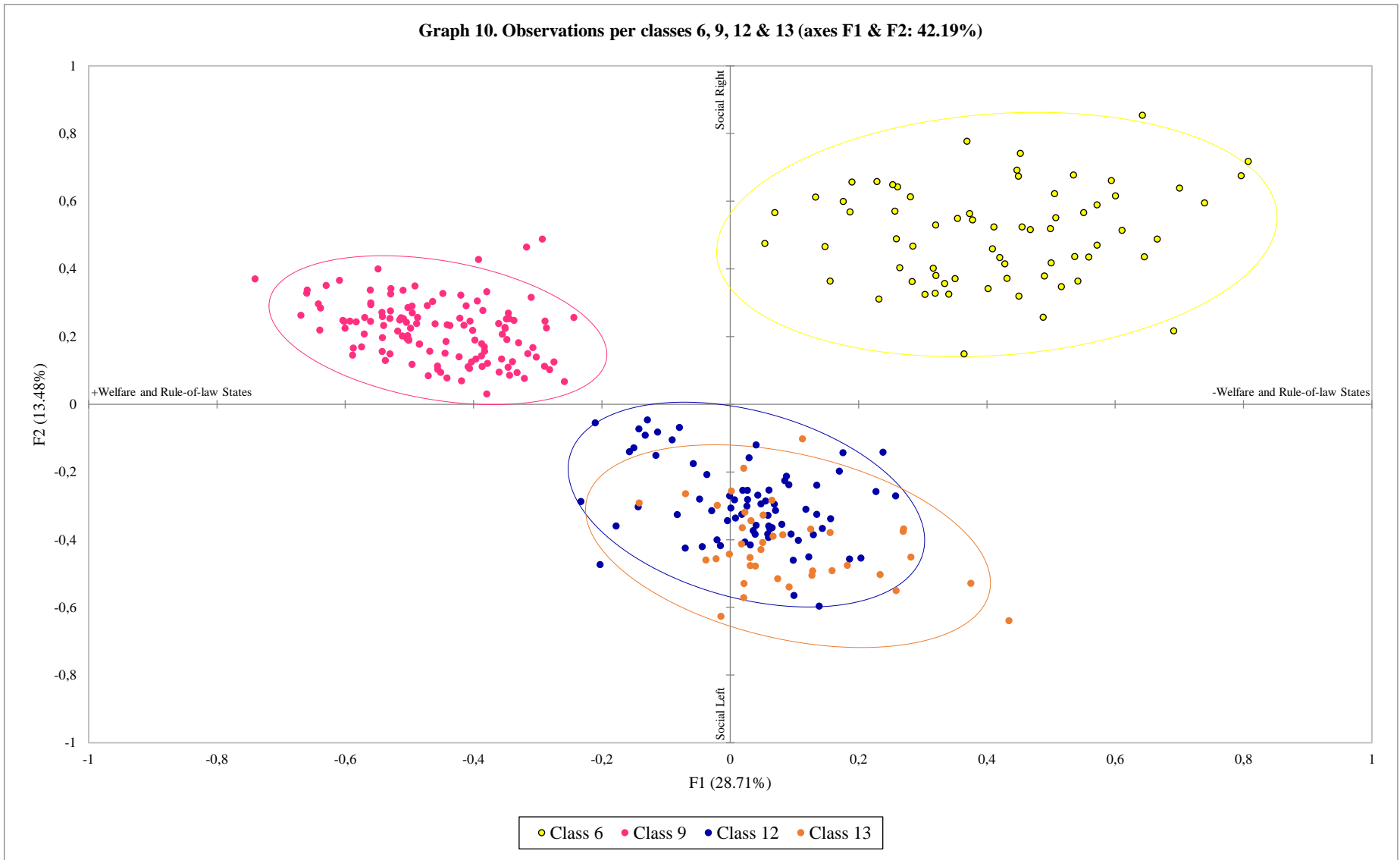
Graph 8. Observations per class (axes F1 & F2: 42.19%)



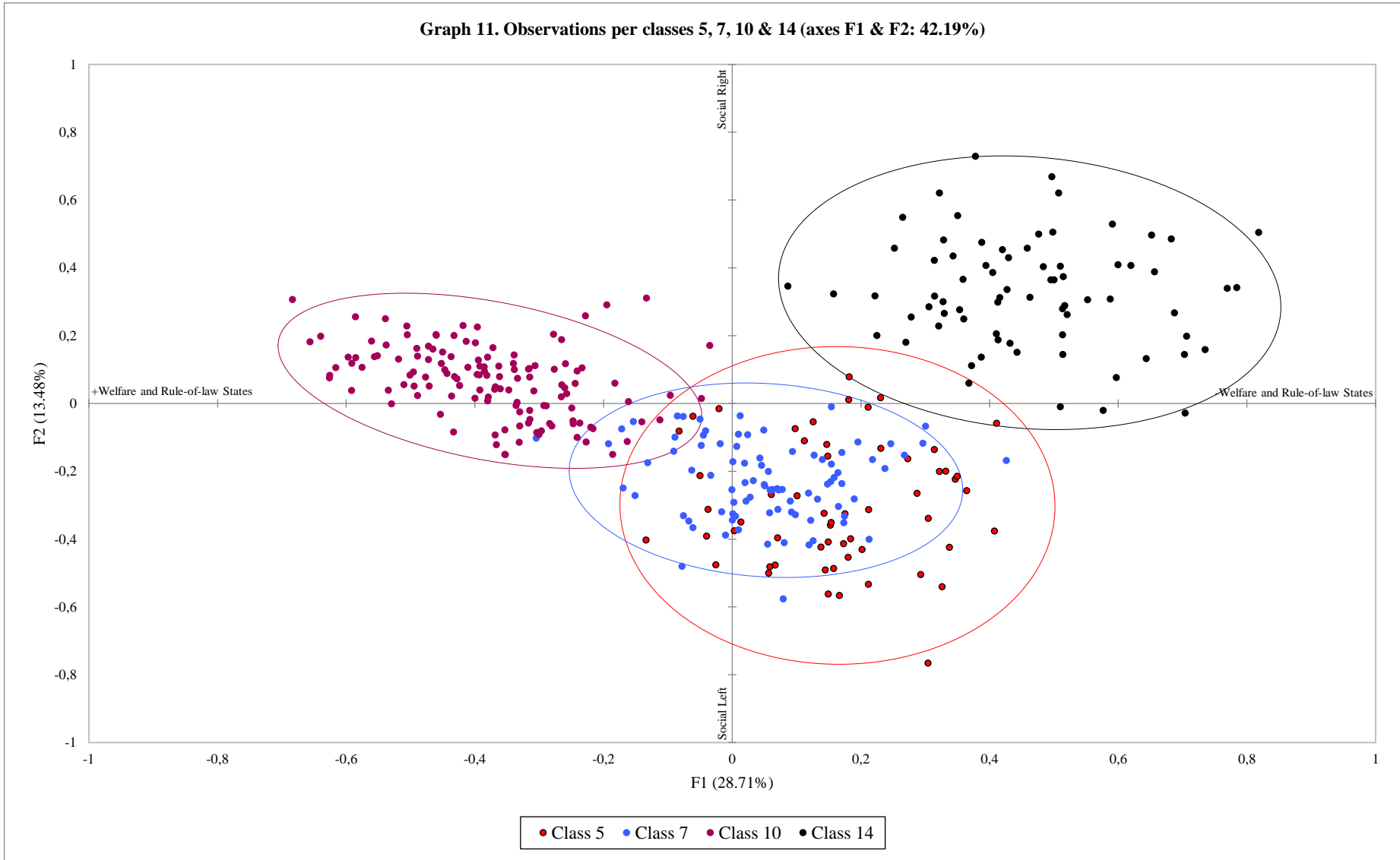
Graph 9. Observations per class (axes F3 & F4: 9.46%)



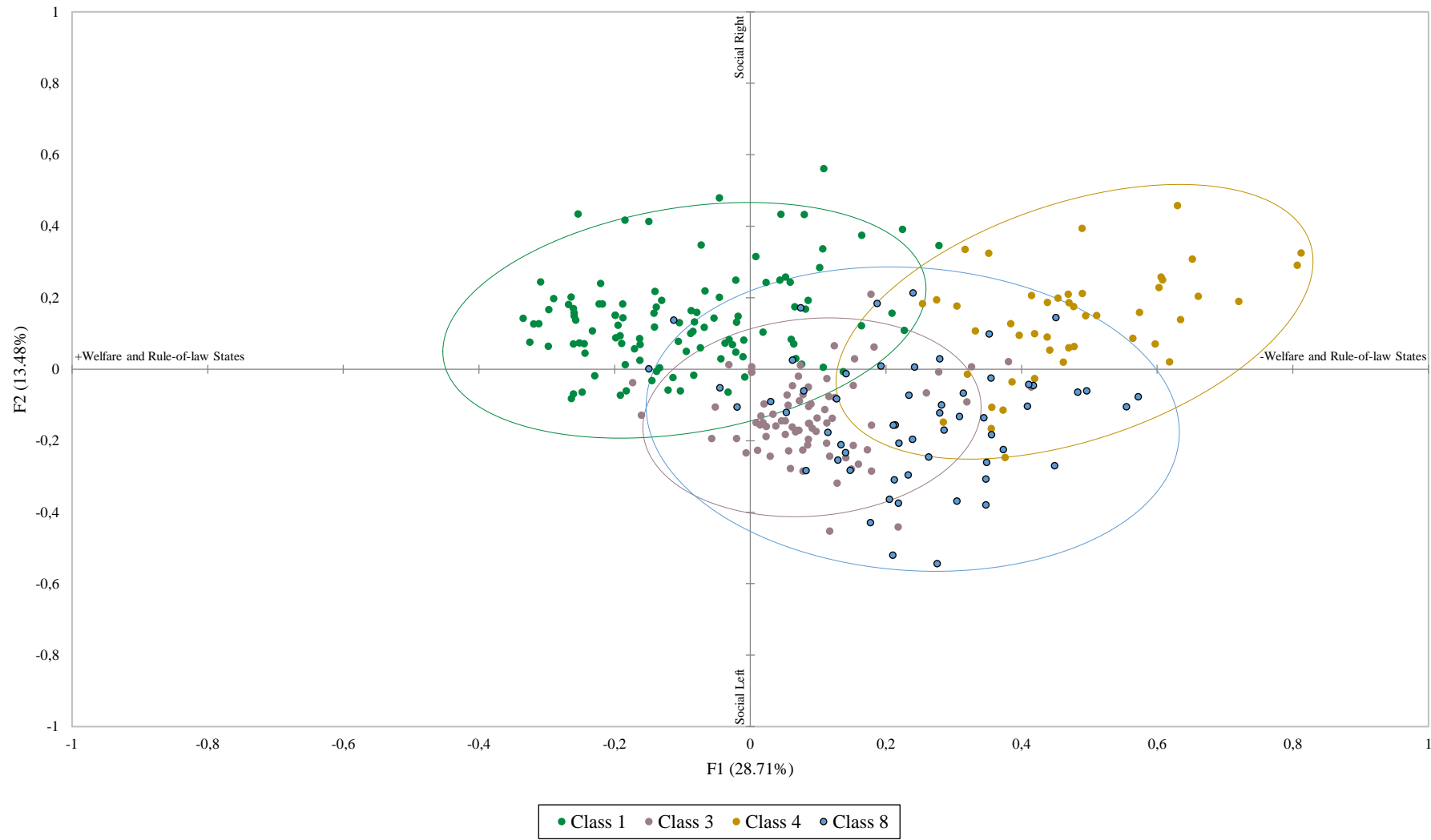
Graph 10. Observations per classes 6, 9, 12 & 13 (axes F1 & F2: 42.19%)



Graph 11. Observations per classes 5, 7, 10 & 14 (axes F1 & F2: 42.19%)

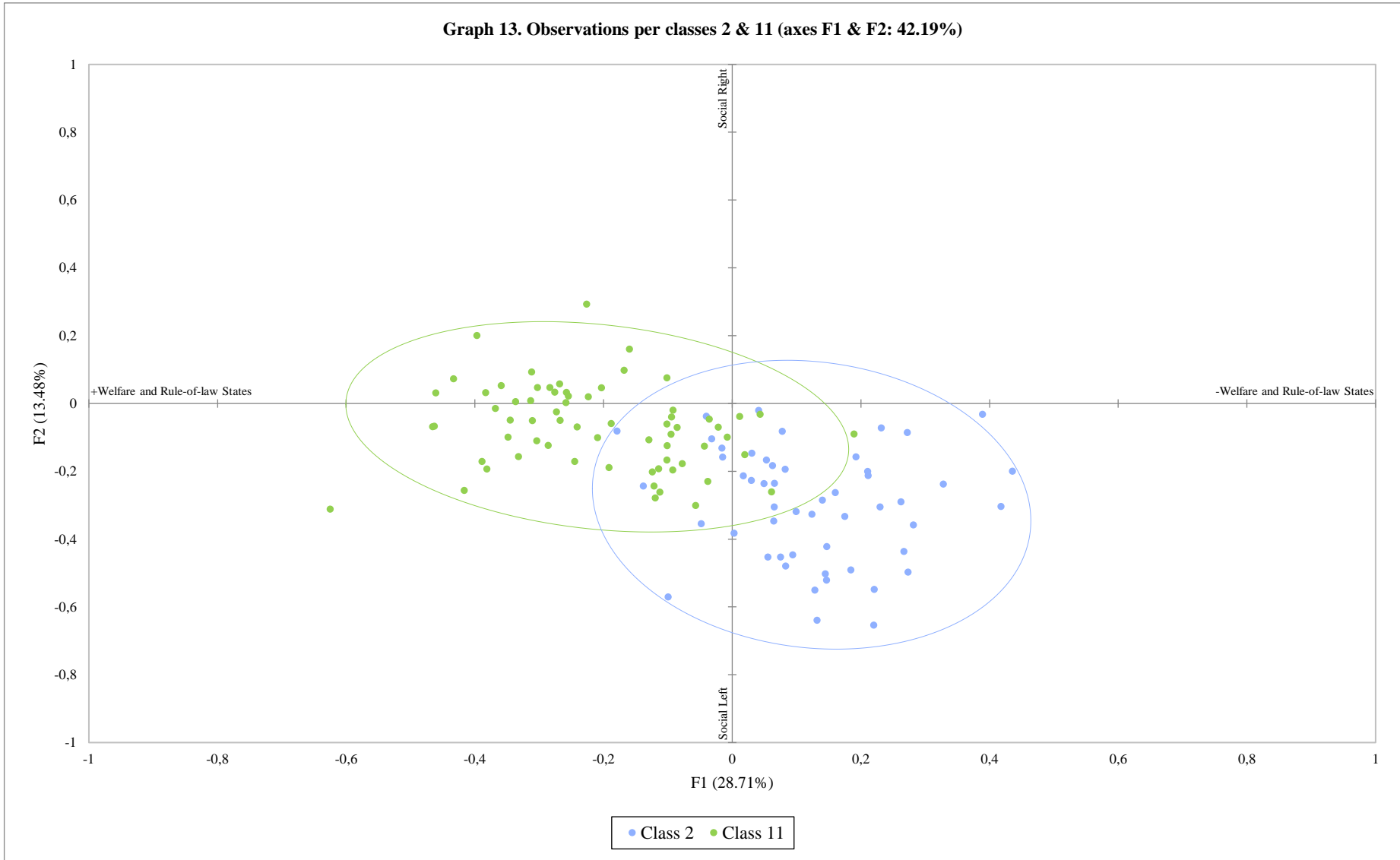


Graph 12. Observations per classes 1, 3, 4 & 8 (axes F1 & F2: 42.19%)

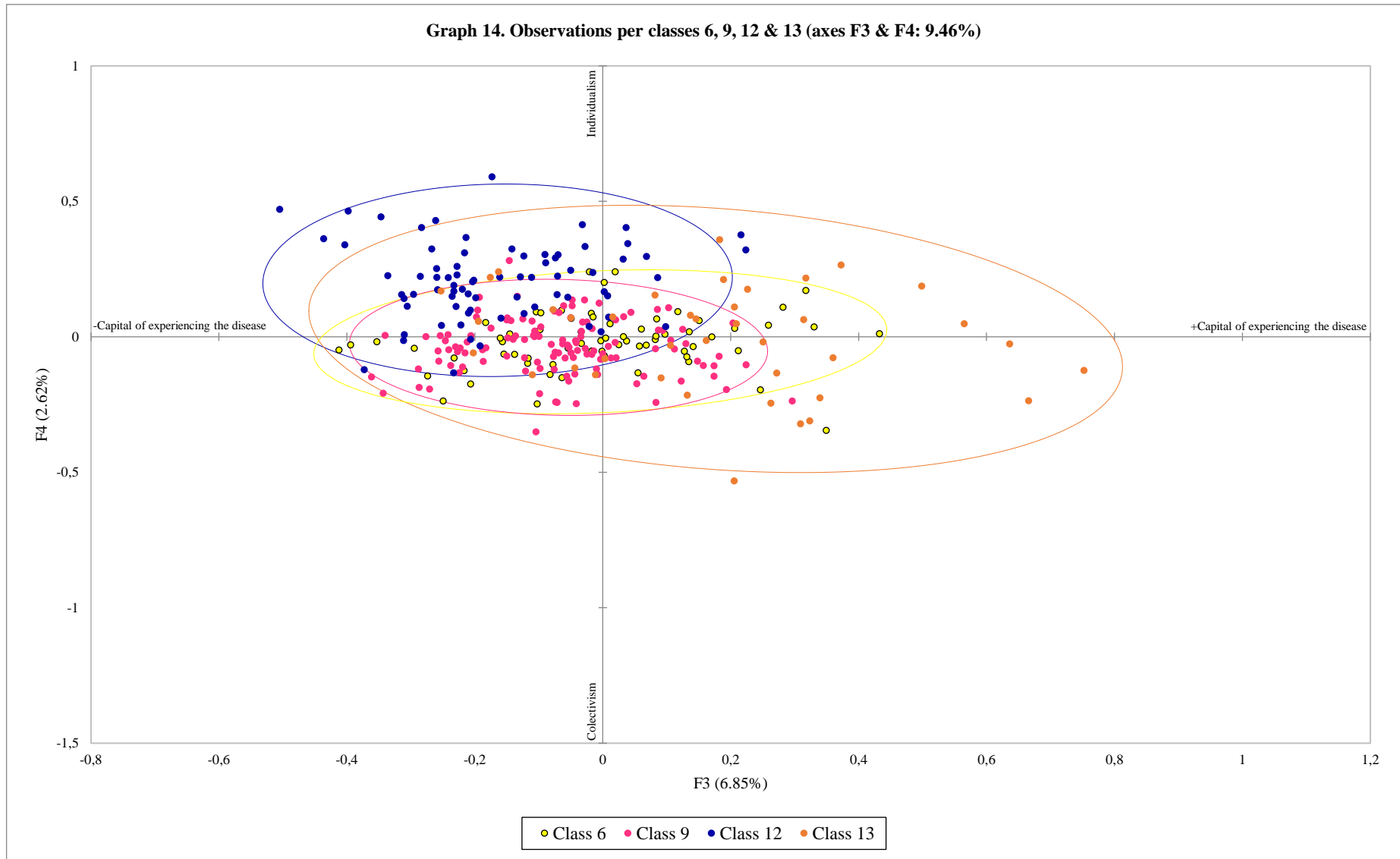




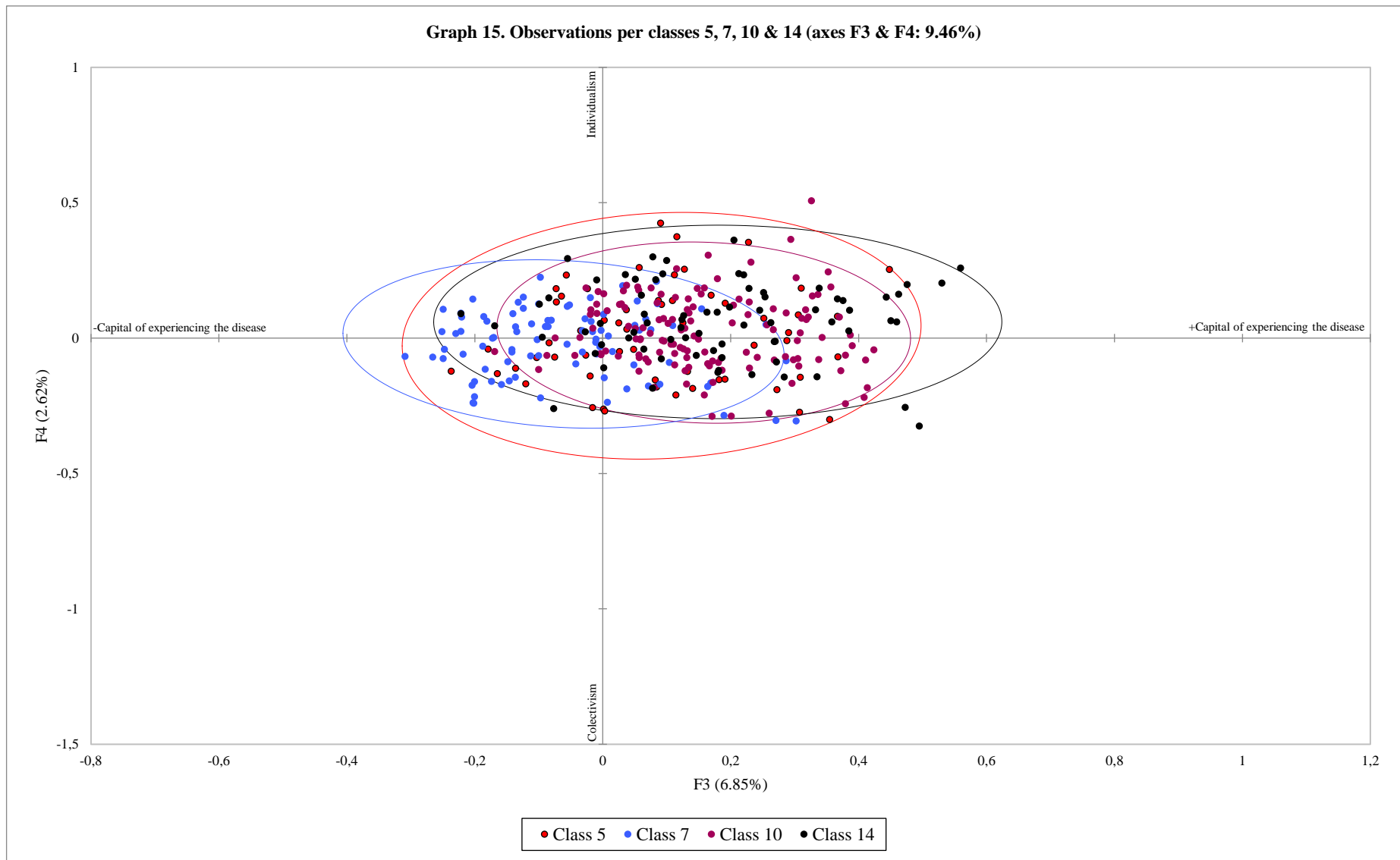
Graph 13. Observations per classes 2 & 11 (axes F1 & F2: 42.19%)



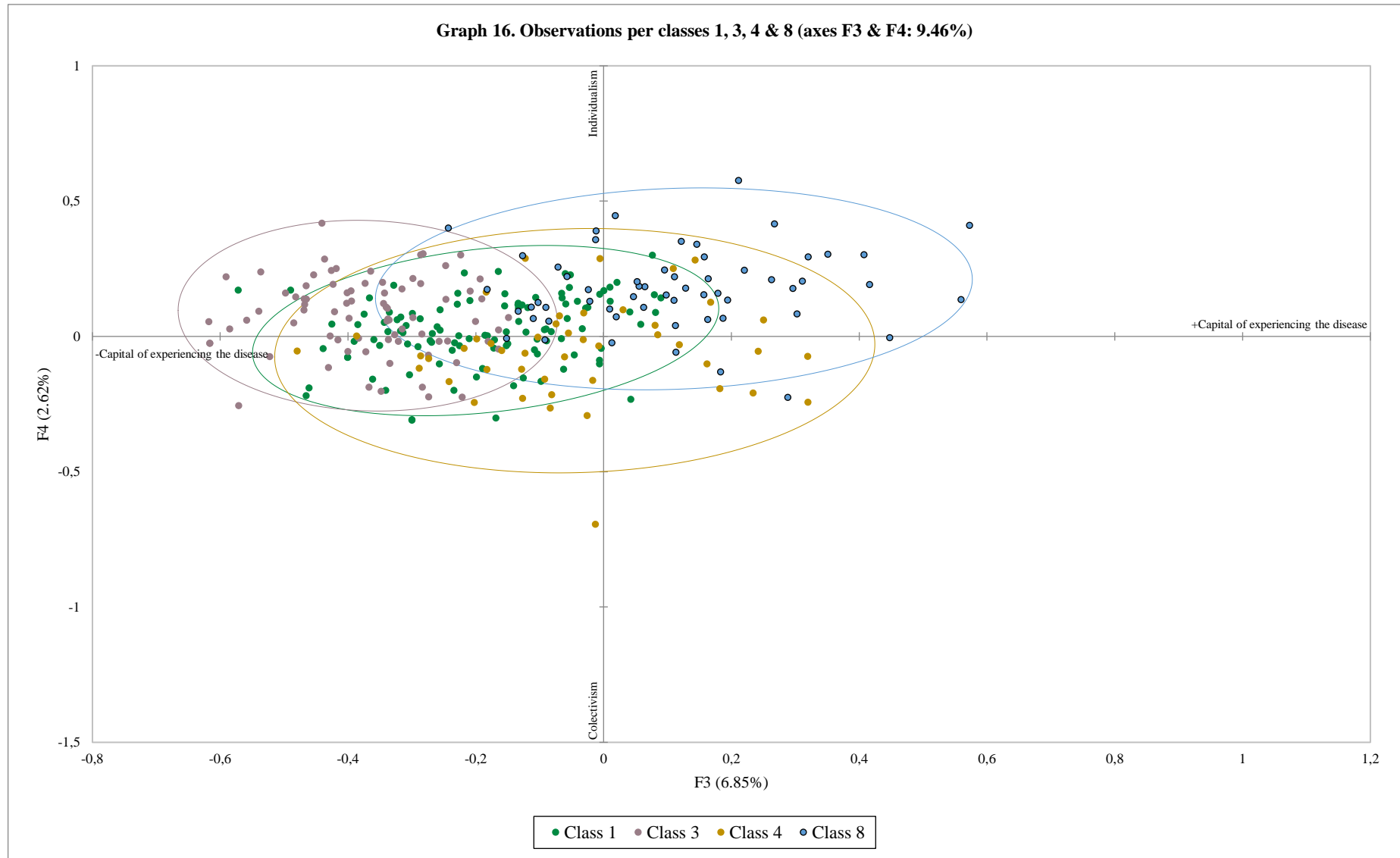
Graph 14. Observations per classes 6, 9, 12 & 13 (axes F3 & F4: 9.46%)



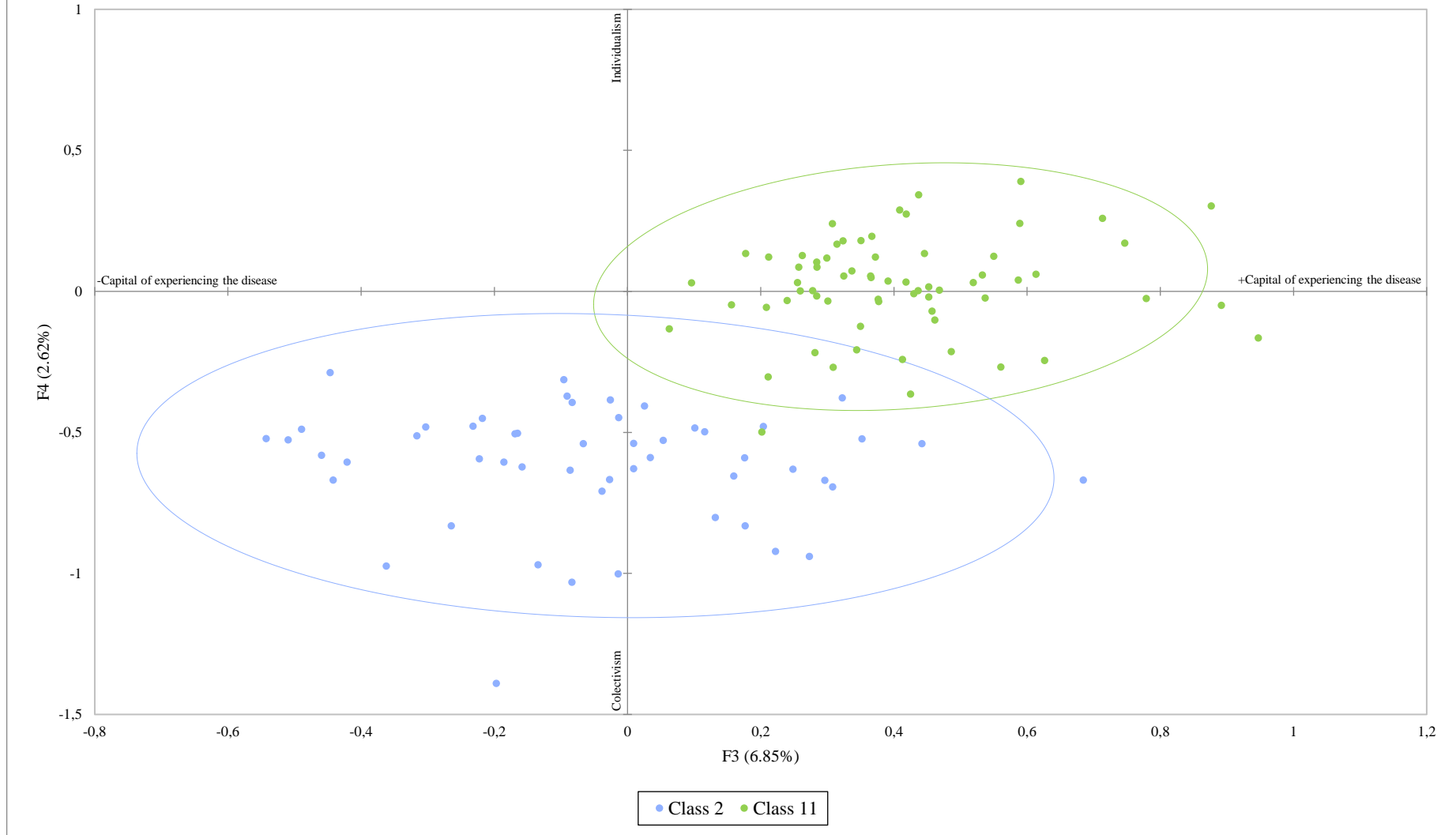
Graph 15. Observations per classes 5, 7, 10 & 14 (axes F3 & F4: 9.46%)



Graph 16. Observations per classes 1, 3, 4 & 8 (axes F3 & F4: 9.46%)



Graph 17. Observations per classes 2 & 11 (axes F3 & F4: 9.46%)



Annex 3.14: Measures of association (global, Chi-square [ $\chi^2$ ] from Monte Carlo simulations; and local, significances per cell with Fisher's exact test —marked in red if significant for  $\alpha=0.05$ ) between class (C#) and type of responses

Type of response	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	TOTALS
ResponseC1	F 13 5 7 0 8 1 7 3 27 14 8 9 3 2 107	% 11.93% 9.62% 8.97% 0.00% 14.04% 1.47% 7.87% 5.17% 21.77% 10.61% 11.94% 12.00% 7.50% 2.74% 10.02%	Significance (Fisher) 0.500 1.000 1.000 0.011 (a) 0.264 0.011 (b) 0.582 0.264 <0.0001 0.758 0.532 0.549 0.790 0.026 (b)												
ResponseC2	F 8 7 8 0 4 8 13 5 13 18 7 11 6 7 115	% 7.24% 13.46% 10.26% 0.00% 7.02% 11.76% 14.61% 8.62% 10.48% 13.64% 10.45% 14.67% 15.00% 9.59% 10.77%	Significance (Fisher) 0.257 0.492 1.000 0.007 (a) 0.508 0.690 0.214 0.827 1.000 0.292 1.000 0.248 1.000 0.430 0.847												
ResponseC3	F 34 25 30 10 27 19 44 19 49 59 22 25 20 29 410	% 31.19% 44.23% 38.46% 21.74% 47.37% 27.94% 49.44% 32.76% 39.52% 44.70% 32.84% 33.33% 50.00% 39.73% 38.39%	Significance (Fisher) 0.119 0.383 1.000 0.019 (b) 0.163 0.072 0.030 0.407 0.844 0.126 0.366 0.390 0.137 0.804												
ResponseC4	F 8 13 2 16 10 10 10 10 4 3 3 1 1 1 85	% 7.24% 3.85% 10.26% 28.26% 3.51% 23.52% 7.87% 17.24% 3.23% 2.27% 4.48% 1.33% 2.50% 9.59% 7.96%	Significance (Fisher) 1.000 0.426 0.389 <0.0001 0.311 <0.0001 1.000 0.020 0.034 (b) 0.006 (b) 0.356 0.024 (b) 0.363 0.508												
ResponseC5	F 6 2 6 7 4 10 1 5 1 10 8 5 1 6 72	% 5.50% 3.85% 7.69% 15.22% 7.02% 14.71% 1.12% 8.62% 0.81% 7.58% 11.94% 6.67% 2.50% 8.22% 6.74%	Significance (Fisher) 0.691 0.573 0.642 0.030 0.790 0.020 0.025 (b) 0.585 0.002 (b) 0.710 0.123 1.000 0.514 0.626												
ResponseC6	F 18 8 5 5 3 3 2 2 23 22 10 18 18 12 130	% 16.51% 15.38% 6.14% 10.87% 5.26% 2.94% 2.87% 3.45% 18.55% 16.67% 14.92% 24.00% 12.50% 12.17%	Significance (Fisher) 0.163 0.511 0.147 1.000 0.344 0.012 (b) 0.237 0.037 (b) 0.028 0.111 0.443 0.003 1.000 0.008 (a)												
ResponseC7	F 9 2 6 7 4 1 1 4 0 0 0 2 2 10 48	% 8.26% 3.85% 7.69% 15.22% 7.02% 1.47% 1.12% 6.90% 0.00% 0.00% 0.00% 2.67% 5.00% 13.70% 4.49%	Significance (Fisher) 0.053 1.000 1.155 0.003 0.318 0.359 0.174 0.325 0.004 (a) 0.003 (a) 0.068 0.573 0.700 0.001												
ResponseC8	F 5 3 1 1 3 4 2 2 6 4 6 2 2 2 39	% 4.50% 3.79% 1.38% 2.17% 1.75% 1.47% 2.25% 6.90% 3.00% 3.00% 3.00% 2.67% 2.67% 2.74%	Significance (Fisher) 0.420 0.432 0.355 1.000 0.718 0.732 0.559 1.000 0.443 1.000 0.031 1.000 0.654 1.000												
ResponseC9	F 6 0 2 2 2 7 3 2 0 1 0 1 0 4 31	% 5.50% 0.00% 2.56% 4.35% 3.51% 10.29% 3.37% 5.17% 0.00% 0.76% 0.00% 1.33% 0.00% 5.48% 2.90%	Significance (Fisher) 0.121 0.396 1.000 0.390 0.679 0.002 0.739 0.234 0.041 (a) 0.164 0.254 0.719 0.626 0.156												
ResponseC10	F 3 0 3 1 1 1 2 4 0 1 2 1 0 4 23	% 2.75% 0.00% 3.85% 2.17% 1.75% 1.47% 2.25% 6.90% 0.00% 0.76% 2.99% 1.33% 0.00% 5.48% 2.15%	Significance (Fisher) 0.723 0.623 0.233 1.000 1.000 1.000 1.000 0.032 0.098 0.376 0.651 1.000 1.000 0.066												
ResponseC11	F 0 0 0 0 0 0 0 0 1 0 0 0 0 0 2	% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.00% 0.81% 0.00% 0.00% 0.00% 0.00% 0.00% 0.19%	Significance (Fisher) 0.194 1.000 1.000 1.000 1.000 1.000 1.000 1.000 0.219 1.000 1.000 1.000 1.000 1.000												
ResponseC12	F 1 0 2 0 1 0 0 1 0 0 1 0 0 0 6	% 0.92% 0.00% 2.56% 0.00% 1.75% 0.00% 0.00% 1.72% 0.00% 0.00% 1.49% 0.00% 0.00% 0.00% 0.56%	Significance (Fisher) 0.477 1.000 0.065 1.000 0.281 1.000 1.000 0.285 1.000 1.000 0.323 1.000 1.000 1.000												
TOTALS	109 52 78 46 87 68 89 85 124 132 67 75 40 73 1,068 (100%)														

(a) However significant the association established in this cell is, it cannot be highlighted because there are 0 cases in this cell.  
 (b) It does not seem very advisable to highlight this association as significant because the proportion corresponding to the number of cases is lower than the average proportion. Apparently, this statistic is rather reflecting an under-representation.

Since 99 cells in this table out of a total of 168; that is, 59% contained less than 5 cases and this exceeds the traditional 20% of cells with less than 5 cases that is conventionally considered as the threshold for administering the Chi-square test (Agresti, 2007:40, 156; Howell, 2011), the test has been based on 5,000 Monte Carlo simulations that have made it possible to adapt the sample size to the stipulated requirements of the Chi-square test (Hope, 1968; Howell, 2011). At first, it was decided to use Fisher's exact test to measure global associations, which is the most appropriate and used when the requirement of 5 or more cases per cell is violated (Agresti, 2007:45-46, 156; Howell, 2011), but the software used XLSTAT (Lumivero, 2023) pointed out that it was not possible because the data set was too large. This restriction is very common when trying to calculate the exact significance on large data sets. So, faced with this new limitation, to overcome the failure of the assumptions of the asymptotic method, there was no other alternative than to base the Chi-square test on Monte Carlo simulations.

Because of this same requirement of 5 or more cases per cell in the contingency table, Fisher's exact test has had to be used instead of statistics such as adjusted residuals, which are also based on Chi-square, to measure the local associations between variables in cells. On this occasion, the software has been able to carry out the local calculations without difficulties because it involved a smaller set of data.

The value of the Chi-square test from Monte Carlo simulations was 324.985, far from the critical value of 172.236 that would mark the independence between variables, which for GL=11 is associated with a probability that both variables are independent <0.0001. This implies that, for  $\alpha=0.05$ , the hypothesis of association between the two variables must be accepted and the null hypothesis rejected, so that there is a clear relationship between the classification according to the position occupied by the individuals in the social space constructed from the 4 dimensions considered and their responses to the disease.

As regards the intensity of the association between these two variables, the contingency coefficient takes a value of 0.483 and Cramer's V of 0.166.

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