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How and Why Is the COVID-19 Crisis Impacting Trust in Institutions? A Two-Wave Longitudinal Study in Italy

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Abstract

Using a quota panel of the adult Italian population ($N = 1,192$), we conducted a two-wave longitudinal study to analyse how and why the crisis COVID -19 affected Italians' trust in institutions. Between May-June 2019 (before COVID -19) and April 2020 (the peak of the pandemic), trust in political institutions (political parties, parliament, and local administrations) and in *super partes* national institutions (the President of the Republic, the judiciary, and the police) increased, whereas trust in international institutions (the European Union and the United Nations) decreased. A mediation model showed that anxiety and collective angst were positively associated with seeking information about COVID -19 from institutional and relational sources. In turn, seeking information from institutional sources further increased trust in institutions, whereas seeking information from social media and friends did not. The same pattern held for trust in epistemic authorities (the national health care system, civil protection and scientists), which was measured only in the second wave. These results suggest that it is extremely important to pay attention to public communication strategies, as they play a crucial role in transforming individual and collective distress in times of crisis into trust in institutions, even net of the effect of information from relational sources. The strengths and limitations of the study are discussed, and directions for possible future research are suggested.

Keywords: institutional trust; anxiety; information search; COVID-19; mediation

How and Why Is the COVID-19 Crisis Impacting Trust in Institutions? A Two-Wave Longitudinal Study in Italy

The COVID -19 pandemic crisis has resulted in existential threats, economic damage, the need for significant lifestyle changes, and demands to adhere to norms that dramatically limit individuals' freedom and affect their psychological well-being (Scardigno & Testa, 2021). Since these dramatic changes are not easily reversible and are likely to last at least a few months, if not years, this crisis will have consequences in every social and existential sphere. In terms of the political sphere, the lockdown has increased political support for the ruling party, trust in government, and satisfaction with democracy in 15 Western European countries (Bol et al., 2021). Similar results were provided by research in Denmark (Baekgaard et al., 2021), the United Kingdom (Parsons & Wiggins, 2021), and the 23 countries that participated in the PsyCorona survey (Han et al., 2021). These dynamics are far from surprising, as it is well known that exogenous shocks trigger «rally effects» which consist of an increase in people's trust in institutions that perform important social and individual functions. On the one hand, they help society as a unit respond quickly and efficiently to the shock (see Chatagnier, 2012). On the other hand, they promote people's well-being via the mediation of perceived control over their lives (see Roccato et al., 2021). Interestingly, Esaiasson et al. (2021) showed a strong and homogeneous rally effect of public opinion around the government even in Sweden, a context traditionally characterised by high levels of institutional and interpersonal trust, so much so that the Swedish government decided to respond to the pandemic with some of the weakest measures in Europe. Longitudinal analysis showed that, at least in the Netherlands, this increase in institutional trust was a true rally effect and not a response to the lockdown measures adopted by the Dutch government (Schraff, 2020).

However, we still do not know what process underlies this increase in institutional trust and whether this effect goes beyond trust in government. We tackled this research objective using Italy - a country that is on the opposite side of Sweden in terms of institutional trust and strategies implemented to combat the pandemic - as a case study. Italy was the first European country to pay a very high price in the COVID -19 pandemic. When we collected the second wave data for this study (April 2020), Italy was under strict lockdown, had the fourth highest number of COVID -19 cases in Europe, and the second highest number of deaths, with more than 230,000 ill and more than 33,000 dead (Dowd et al., 2020). The emergency has brought the Italian healthcare system to its knees, especially in terms of availability of intensive care unit beds (Remuzzi & Remuzzi, 2020). Not surprisingly, many studies have been conducted in Italy to assess the psychological (e.g., Castelli et al., 2020; Prete et al., 2020) and social-psychological and behavioural (e.g., Moscatelli et al., 2021; Pagliaro et al., 2021; Paolini et al., 2020) consequences of COVID -19. However these latter used institutional trust as a predictor of citizens' compliance. To our knowledge, less attention has been paid to the predictors of institutional trust. Using a longitudinal dataset, we contributed to this growing literature by focusing on the role of social psychological factors (anxiety, collective angst and information seeking) potentially affecting changes in trust in political, *super partes* and international institutions between May and June 2019 (pre-pandemic) and in April 2020 (at the first peak). In addition, we also analysed the role of these factors in relation to trust in epistemic authorities.

1. Critical Events and Institutional Trust

Changes in institutional trust have been studied mainly in the context of economic hardship, wars, and terrorist attacks. National economic turmoil and personal economic hardship increase uncertainty about the future and lead to a weakening of institutional trust (e.g., Muro & Vidal, 2017), presumably due to a negative evaluation of institutional responses to these crises (Tormos, 2019). On the contrary, wars and terrorist attacks tend to strengthen institutional trust (Perrin & Smolek, 2009) by triggering 'rally

effects' that promote «a unity with the 'central' values, the political processes, the moral integrity of the political system, a loyalty to and support of the going order» (Lane, 1962, p. 162). Rally effects may result from increased patriotism (Mueller, 1973), strengthened collective identity (Skocpol, 2002), more positive evaluation of institutional response to threat (Putnam, 2002), greater adherence to national ingroup norms (Kuehnhaas et al., 2021), and the need to make sense of and predict the social world by resorting to compensatory sources of control (Kay et al., 2008).

There are some compelling similarities between the COVID -19 crisis and the crises analysed in the context of the rally effect. The crisis of COVID -19 is exogenous in nature, has led to a collective loss of subjective security and has increased the level of insecurity and existential anxiety of people. However, COVID -19 is an invisible enemy that has no explicit evil intentions. Moreover, the COVID -19 emergency is unique in recent human history (Weible et al., 2020), and the health emergency and radical lifestyle changes (such as social distancing, home confinement, and remote work) designed to combat it were consequences of a complex and largely unknown phenomenon. As such, the crisis COVID -19 underscores the need to cope with negative emotions and uncertainty (existential motivation) and to interpret and make sense of a new situation (epistemic motivation).

According to theory and research on compensatory control (e.g., Kay et al., 2008; Rothbaum et al., 1982), when confronted with existential and epistemic threats, individuals may activate compensatory processes that involve strengthening institutional trust, regardless of the effectiveness of institutional performance. These processes are driven by an epistemic motivation to reduce uncertainty and restore predictability to the world, and by an existential motivation to increase personal security. Thus, the epistemic and existential motivations activated by the COVID -19 pandemic should drive individuals' search for information to enhance institutional trust.

1 This is consistent with the theory of affective intelligence, according to which emotions act as
2 signals to direct attention to potential opportunities or threats (Damasio, 1994). This theory states that two
3 emotional subsystems are responsible for processing environmental stimuli. The disposition system
4 controls most of our daily life by stimulating learned patterns of behaviour in response to familiar
5 situations, whereas the surveillance system is activated by novel circumstances or threatening
6 environmental events. The emotional expression of surveillance system activation is anxiety, which
7 stimulates a desire to better understand the source of a potential threat. This promotes an active search for
8 information and reduces reliance on habits and dispositions (Marcus, Neuman, & MacKuen, 2000). This
9 suggests that anxiety, as the predominant emotion in the COVID -19 crisis, should motivate people to
10 search for information about COVID -19. Based on another line of reasoning, it could be argued that
11 anxiety could draw people back from news and information sources due to the stress caused by the
12 pandemic and the information overload experienced (Soroya et al., 2020). However, the results of recent
13 studies conducted in the context of the COVID -19 pandemic are consistent with predictions based on
14 affective intelligence theory (Akgül et al., 2021; Ahundjanov et al., 2020; Bento et al., 2020; Russo et al.,
15 2021).

16 Apart from the existential threat it poses in terms of personal vulnerability, the pandemic COVID -
17 19 has also led to overwhelming changes and uncertainties in terms of people's consolidated lifestyles. In
18 addition to anxiety about one's own future and self, the COVID -19 pandemic has likely created a strong
19 sense of uncertainty about the future of the groups to which people belong. Wohl and Branscombe (2009)
20 defined this concern about the future of the group as 'collective angst' that is, a concern about the future
21 vitality of the group that occurs when people perceive a threat that could seriously harm the group and
22 have difficulty imagining how to protect it. Because collective angst drives people to be vigilant on behalf

of the group and to protect it, this emotional state should encourage individual searches for information about COVID -19.

We expected that exposure to information about COVID -19 serving the epistemic and existential functions mentioned above would have different relationships to institutional trust depending on the type of source to which people referred. Information from institutional sources (i.e., the government, newspapers, TV, and radio)-which largely reported on the development of the COVID -19 pandemic and the government's necessary actions to combat it-should enhance people's support for institutions and institutional trust. However, relying on information circulating among friends, relatives, and social media (relational sources) exposes people to a broader range of viewpoints as well as the fake news and conspiracy theories (e.g., Doerr, Fouz, & Friedrich, 2012) prevalent in social media, even during the COVID -19 pandemic (e.g., Atehortua & Patino, 2021; Salali & Uysal, 2020), which can challenge institutional management of the pandemic. In such cases, thoughtful consideration of available options may not result in increased institutional support.

2. The Present Study

Based on these theoretical perspectives, we expected that the anxiety and collective angst that emerged during the pandemic would be positively associated with institutional trust, particularly through information from institutional sources rather than relational sources. Specifically, we expected the following:

H1: Institutional trust should have increased from 2019 to 2020.

H2: The anxiety triggered by uncertainty and fear would motivate and lead individuals to search for information about COVID -19, regardless of institutional and relational sources.

H3: The collective angst created by the threat to the ingroup's future lifestyle would motivate individuals to search for information about COVID -19 in both institutional and relational sources.

H4: Exposure to information about COVID -19 from institutional sources is positively associated with institutional trust, whereas exposure to information about COVID -19 from relational sources is not. In other words: We expect that only exposure to information from institutional sources mediates the association between anxiety and collective angst and institutional trust.

3. Materials and Methods

3.1 Participants and Procedures

We conducted a longitudinal study in two waves as part of the COCO (COnsequences of COvid-19) project (for more details, see https://www.dippsicologia.unito.it/do/progetti.pl/Show?_id=9fxo). We collected the first wave of data between May 26 and June 1, 2019, to study the dynamics of voting in the 2019 European elections. Using the CAWI method, we surveyed a quota sample of the adult Italian population stratified by sex, age, geographic residence, and demographic size of residence ($N = 1,504$; 48.9% men; $M_{\text{age}} = 47.80$; $SD = 15.06$). We collected the second wave of data for the study between April 17 and 26, 2020, when Italy was struggling with the most dramatic phases of the first wave of the COVID -19 pandemic and the lockdown measures. Of the 1,504 participants in the first wave, 1,192 participated in the second wave (49.3% men; $M_{\text{age}} = 48.68$; $SD = 14.52$). In accordance with the ethical standards of the 1964 Declaration of Helsinki, we informed participants of all relevant aspects of the study before their participation. Importantly, they were informed of the right to refuse to participate in the study or to withdraw their consent to participate at any time during the study without reprisal. They then confirmed that they had understood the instructions correctly, agreed to participate, and began filling out the questionnaire. The research protocol was approved by the Bioethics Committee of the University of Turin (Protocol No. 181488).

We examined whether dropout rate between 2019 and 2020 was related to gender, age, education, and institutional trust. Logistic regression analysis was performed to determine whether dropouts were

systematic in the sample (dropout = 0, retention = 1). No significant differences emerged except for an effect of age (Wald test = 18.41; $p < .001$): as age increased, respondents were more likely to participate in the second wave. A low Nagelkerke's R^2 (0.03) confirmed that differences between respondents who participated in both waves and those who participated only in the first were not substantial. A negative relationship was found between age and attrition $\chi^2(5) = 39.48$. However, the association was not very strong, $\phi = .16$.

3.2 Measures

All measures listed below are from 2020, except for institutional trust, which was measured in both 2019 and 2020.

Anxiety. We asked participants to indicate how often they had felt anxiety, fear, and worry in the days preceding the survey (Marcus, Neuman & MacKuen, 2000). Response options were labelled 'Never', 'Seldom', 'Often', and 'Always or Almost Always'. Based on $\alpha = .85$, we calculated a mean index of anxiety.

Collective angst. We measured collective angst using the following two 4-category items: 'I am worried that the Italian way of life is in jeopardy due to COVID -19' and 'I think the future of the Italian way of life is under threat from COVID -19' (Wohl & Branscombe, 2009). Response options were labelled 'Strongly disagree', 'Disagree', 'Agree' and 'Strongly agree'. We calculated a mean index of collective angst ($r = .69$; $p < .001$).

Search for information about COVID -19. We asked participants to indicate how often they had searched for information about the pandemic situation in Italy after COVID -19 spread in the country: (a) from the government, (b) on social media (Facebook, Twitter, etc.), (c) from relatives and friends, (d) on TV and the radio, and (e) in newspapers. The four response alternatives were labelled 'Never or almost never', 'Less than once a day', 'Once a day', and 'More than once a day'. We calculated an indicator for

information seeking from institutional sources (government sources, TV, radio, and newspapers; $\alpha = .60$) and another indicator for information seeking from relational sources (social media, relatives and friends; $r = .42$; $p < .001$). A confirmatory factor analysis conducted with MPLUS confirmed our hypothesised two-dimensional factorial structure, $CFI = .98$, $TLI = .95$, $RMSEA = .06$ (90% CI = .04, .09).

Institutional trust. In both waves, we assessed participants' trust in eight institutions (political parties, the President of the Republic, the judiciary, the police, local administration, the European Union, the United Nations, and the Italian Parliament). As in the first wave, we used an 11-category format, whereas in the second wave we used a 10-category format, rescaling all responses so that they ranged between 0 and 1. We created three indicators of trust: Trust in political institutions (political parties, parliament, and local administration; $\alpha = .83$ in the first wave and $.81$ in the second wave); Trust in *super partes* national institutions (the President of the Republic, the judiciary, and the police; $\alpha = .74$ and $\alpha = .75$ in the first and second waves, respectively); and Trust in international institutions (the European Union and the United Nations; $r = .70$, $p < .001$ and $r = .66$, $p < .001$ in the first and second waves, respectively). In the second wave, we also asked participants to rate their trust in three epistemic authorities: the national health system, civil protection, and scientists ($\alpha = .80$). Table 1 shows the correlations between the variables.

3.3 Data Analysis

First, we described how institutional trust changed between 2019 and 2020. To this end, we calculated the average trust for all institutions examined in this study and evaluated the changes with a series of *t*-tests. We then tested three mediated regression models to predict participants' institutional trust as a function of their anxiety and collective angst, mediated by their search for information on COVID - 19 through institutional and relational sources (Figure 1). In our analysis, we controlled for gender, age, and education, as well as institutional trust measured one year earlier at 2019, as in autoregressive

models. The autoregressive components of the model are described by stability coefficients that reflect the magnitude of change between two time points (Schlüter, Davidov, & Schmidt, 2006). Here, each component of institutional trust in 2020 was regressed on its own lagged score, namely the same component of institutional trust in 2019. In this model, the regression coefficients and their magnitudes indicate how well the variation in our independent variables predicted the change in institutional trust.

Finally, we tested an additional mediated model designed to predict participants' trust in the three epistemic authorities added in the second wave. We used the same predictors as in the first models, except for participants' trust in 2019, which was not available. We used PROCESS, the SPSS macro developed by Hayes (2018), to test all mediated models. Indirect effects were estimated using bootstrapping with 5,000 resamples to calculate 95% confidence intervals (CIs). CIs that do not include 0 denote statistically significant indirect effects.

4. Results

As a first step, we analysed the single indicators of institutional trust and examined how they changed between 2019 and 2020. Table 2 shows the means along with *t*-tests for mean differences for each indicator of institutional trust in the first and second waves. Consistent with H1, participants' trust in all political and *super partes* institutions (except trust in the judiciary) increased significantly between the first and second waves, while trust in international institutions decreased significantly.

Table 3 shows the results of the first three mediated regression models. In the lower part of the table, we report the effects of anxiety, collective angst and trust in 2019, along with the control variables for both mediators: seeking information from institutional and relational sources. In all three models, consistent with H2, we found that anxiety had positive and significant associations with both mediators. Consistent with H3, this was also true for collective angst, although the associations were smaller. In the upper part of the table, in addition to the stability coefficients of trust over time, we reported the

associations of anxiety and collective angst as well as the associations of seeking information from institutional and relational sources. As expected and consistent with H4, information from institutional sources had a positive association with institutional trust, whereas information from social media and friends did not, with the exception of trust in *super partes* institutions (negative association). We found significant and positive indirect effects of anxiety and collective angst on institutional trust through seeking information from institutional sources, but not through seeking information from relational sources (Table 4).

We also ran an additional mediated regression model to predict trust in epistemic authority. The results are reported in the last columns of Table 3. Consistent with the previous models, as can be seen in the lower part of the table, anxiety and collective angst showed positive and significant associations with both mediators, with the effects of anxiety being larger. Seeking information from institutional sources was positively associated with trust in epistemic authorities. Seeking information from social media and friends was negatively related to trust in epistemic authorities. Finally, indirect effects analysis revealed positive indirect effects of anxiety and collective angst on trust in epistemic authorities mediated by seeking information from institutional sources and negative indirect effects of anxiety and collective angst on trust in epistemic authorities mediated by seeking information from social media and friends (Table 4).¹

5. Discussion

The analyses presented here seek to understand the impact of the current pandemic on citizens' feelings toward a variety of institutions by examining whether and how institutional trust was affected by the crisis COVID -19. Consistent with our predictions, the pandemic has increased people's trust in national institutions. In particular, significant changes in increased trust were observed in national political and *super partes* institutions. This is consistent with our expectations based on compensatory

1 control theory (Kay et al., 2008). It is plausible that the loss of control triggered by the pandemic
2 motivated people to find ways to cope with existential fear and uncertainty. Strengthening institutional
3 trust, just like reinforcing mainstream worldviews, may be one way to do so. This result is also consistent
4 with the notion that exogenous shocks trigger «a unity with the 'central' values, the political processes, the
5 moral integrity of the political system, a loyalty to and support of the going order» (Lane, 1962, p. 162) in
6 order to cope with the loss of subjective control over the world by resorting to compensatory sources of
7 control such as institutions (Kay et al., 2008). This finding is particularly interesting because it is
8 consistent with and extends the observations of the so-called «Swedish experiment» (Esaiasson et al.,
9 2021), in which citizens have traditionally trusted institutions and the government therefore preferred to
10 deal with the pandemic based on citizens' voluntary compliance with official recommendations. Our
11 results show that the rally effects triggered by the pandemic are not necessarily grafted onto basic trust,
12 but develop when institutions opt for mandatory measures.

13 We have also found that the crisis COVID -19 has reduced confidence in international institutions.
14 This result is not surprising. On the one hand, the COVID -19 crisis was handled almost exclusively by
15 national institutions. International institutions took little responsibility in the health and economic
16 management of the crisis and even gave contradictory messages (such as the World Health Organisation's
17 inconsistent recommendations on the use of swabs). On the other hand, the literature suggests that rally
18 effects are due to strengthened collective identities and stronger identification with the ingroup (Skocpol,
19 2002). Collective identities are at least in part an expression of the need for personal security and
20 psychological well-being (Wimmer, 2013). This need is particularly strong in threatening situations,
21 which increase the importance of the 'most powerful identity available' (Gorman & Seguin, 2018, p. 706).
22 It is plausible that the COVID -19 crisis increased the importance of national identification and decreased
23 the importance of supranational identification. Since we do not have data on changes in the source of

collective identification between the first and second waves of our study, this remains a task for future studies.

Most importantly, in this study we also examined how the COVID -19 crisis affected trust in institutions, hypothesising a mediation model. We expected that the level of uncertainty and existential fear triggered by the pandemic, measured in terms of anxiety and collective angst, would affect trust in institutions primarily through information seeking COVID -19. This prediction relied largely on compensatory control theory and affective intelligence theory, which suggest that such negative emotions stimulate the desire for information. Our results add to this line of research by showing that anxiety can also influence people's trust in political institutions, depending on the source of the information. As predicted, our results showed that the type of information source is critical to understanding people's institutional trust. Institutional trust was enhanced only by information from institutional sources, but not by information from relational sources. We expected this result because information circulating among friends and on social media could be more heterogeneous and inaccurate about actions taken by the government and could include rumours and fake news (e.g., Doerr et al., 2012). This pattern of results held true for trust in all three types of institutions studied (political, *super partes* and international), increasing our confidence in our conclusions.

We also found a different mediated effect related to trust in epistemic authorities. Again, our analysis showed positive indirect effects of anxiety and collective angst on trust in epistemic authorities through the mediating effect of information from institutional sources. In addition, we found negative indirect effects on institutional trust through seeking information from relational sources. The result is consistent with the notion that the multiplicity of information from relational sources not only did not promote institutional trust, but actually led to even more distrust of 'doctors' who were perceived to be incapable of providing clear and reliable scientific information in the early stages of the pandemic.

1 This study has some limitations. First, we have only studied short-term effects. We cannot say what
2 will happen in the long run once the emergency is over and the economic crisis has peaked. Previous
3 studies have shown that rally effects last for a few months and their evolution depends on the
4 performance of institutions in dealing with the current crisis (e.g., Perrin & Smolek, 2009). It is plausible
5 that if the health crisis is followed by economic distress, public opinion will blame institutions for the
6 crisis (Tormos, 2019), and that the rise in confidence will prove to be only temporary. Consistent with
7 this, Roccato et al. (2021) showed that people who were dissatisfied with the government's handling of
8 the pandemic increased their desire for an antidemocratic government. In addition, Aksoy et al. (2020)
9 showed that exposure to the epidemic negatively affected young adults under age 25's trust in institutions.
10 A multi-wave longitudinal study modelling trends in institutional trust may be of interest.

11 Second, our sample consisted of adults from a single country. Although Italy was an appropriate
12 case study given the wide spread of the virus, strict lockdown policies, and harsh economic consequences
13 in that country, it should be noted that political trust can be taken as a general expression of a nationally
14 rooted political culture. In this regard, Italy is a country with traditionally low levels of political trust
15 (e.g., Van Erkel & Van der Meer, 2016). Future research could explore whether our results are unique to
16 Italy and its political culture or whether they can instead be generalised to countries with lower levels of
17 threat. Third, we focused only on institutional trust. A replication of this study, taking into account
18 possible spillover effects between interpersonal and institutional trust, could be interesting. Finally, with
19 the important exception of institutional trust, which was measured in both waves, our data allowed us to
20 use predictors that were measured only in the second wave. This was related to the fact that in 2019, when
21 we collected data for our first wave, no one could predict the pandemic. Because of this limitation, one
22 could argue that the correlations we found do not depend on the COVID -19 pandemic. However, the
23 results we obtained are consistent with the predictions we made based on the theoretical framework.

1 Moreover, although the panel structure of our data is suboptimal, it is rare in the growing literature
2 on the social psychological consequences of COVID -19, which is mostly based on cross-sectional data or
3 on panel studies begun after the outbreak of the pandemic.

4 On a positive note, we reported changes in institutional trust over the course of a year. The longitudinal
5 nature of our data allowed us to analyse changes at both the sample and individual levels. At the sample
6 level, we were able to examine differences in institutional trust in a «normal» situation compared with a
7 situation characterised by severe health and economic threats. At the individual level, we were able to test
8 rigorous hypotheses about the relationships between fear among anxiety, exposure to information, and
9 institutional trust by considering participants' levels of institutional trust prior to the pandemic.

10 Furthermore, by assessing the different facets of institutional trust, we were able to paint a multifaceted
11 and complete picture of the process that leads to a change in institutional trust. Our findings have
12 implications for institutional crisis management, as they suggest that it is extremely important to pay
13 attention to public communication strategies, as they play a crucial role in channelling individual and
14 collective distress toward trust in institutions during times of crisis, even net of the effect of information
15 from relational sources. Finally, our study went beyond the descriptive level that usually characterises
16 studies of rally effects. It tested and validated a model of the social psychological reasons for the increase
17 in trust we found.

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1 Footnote.

2 1. Between 2019 and 2020 a change of government took place in Italy. The Movimento 5 stelle
3 (Five Star Movement) governed Italy in 2019 along with the right-wing populist Lega. In 2020, it still
4 governed Italy, but the Lega was replaced by the centre-left Democrat party and two other small parties of
5 similar orientation. Parallel analyses (available on request from the corresponding author) controlling for
6 participants' vote at the 2019 European election produced results that are broadly consistent with those we
7 present here. Thus, the effects we detected did not depend on the party affiliation of the participants.

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Table 1*Correlations among the study variables*

	2	3	4	5	6	7	8	9	10	11	12	13	14
1 Trust in political institutions 2020	.69***	.70***	.57***	.60***	.47***	.48***	.05	.00	.23***	.09**	-.01	-.01	-.00
2 Trust in <i>super partes</i> institutions 2020	-	.68***	.72***	.42***	.67***	.51***	.06*	.08**	.26***	.03	.06*	-.01	.07*
3 Trust in international institutions 2020		-	.53***	.44***	.49***	.65***	.02	-.04	.14***	.04	-.05	-.00	.07*
4 Trust in epistemic authorities 2020			-	.36***	.49***	.42***	.06*	.15***	.20***	.02	.03	.02	.04
5 Trust in political institutions 2019				-	.63***	.57***	-.02	-.03	.14***	.06*	.03	-.08**	.02
6 Trust in <i>super partes</i> institutions 2019					-	.67***	-.01	.05	.19***	-.01	.10***	-.07*	.07*
7 Trust in international institutions 2019						-	.04	.02	.13***	.03	-.05	.00	.10***
8 Anxiety							-	.51***	.44***	.40***	.02	.26***	-.02
9 Collective angst								-	.36***	.26***	.05	.16***	-.01
10 Information from institutional sources									-	.47***	.13***	.06*	.08**
11 Information from relational sources										-	-.10***	.14***	.03
12 Age											-	.05	-.27***
13 Gender												-	-.11***
14 Education													-

Note. When cardinal and dummy variables are involved, we report the point-biserial correlation. *** $p < .001$. ** $p < .01$. * $p < .05$.

Table 2*Trust toward institutions: Changes between 2019 and 2020*

	$M_{2019}(SD)$	$M_{2020}(SD)$	$t(df)$	p
Trust toward:				
Political parties	.31(.24)	.32(.25)	-2.37(1190)	.018
Local administration	.46(.23)	.51(.24)	-6.92(1185)	<.001
Parliament	.41(.24)	.42(.25)	-2.04(1184)	.041
President of the Republic	.56(.29)	.58(.30)	-2.51(1183)	.012
Judiciary	.50(.26)	.50(.27)	0.19(1187)	.850
Police	.63(.23)	.65(.23)	-2.69(1185)	.007
European Union	.47(.26)	.37(.28)	14.54(1182)	<.001
United Nations	.52(.24)	.48(.26)	5.00(1188)	<.001

Table 3*Prediction of trust toward institutions and epistemic authorities*

Trust toward:	Political institutions		<i>Super partes</i> institutions		International institutions		Epistemic authorities	
	B	<i>p</i>	β	<i>p</i>	β	<i>p</i>	β	<i>p</i>
Age	-.07	.005	-.04	.08	-.05	.04	-.03	.37
Gender	.02	.35	.03	.14	.01	.84	.02	.54
Education	-.04	.08	.01	.53	-.02	.46	.02	.56
Trust 2019	.58	<.001	.64	<.001	.64	<.001	-	-
Anxiety	.01	.74	.00	.87	-.01	.76	-.07	.044
Collective angst	-.05	.08	.00	.92	-.08	.001	.13	<.001
Information from institutional sources	.19	<.001	.16	<.001	.11	<.001	.23	<.001
Information from relational sources	-.03	.22	-.05	.04	-.01	.74	-.10	.002
<i>R</i> ²	.39		.47		.43		.06	
Mediator	Institutional	Relational	Institutional	Relational	Institutional	Relational	Institutional	Relational
Information from:	sources	sources	sources	sources	sources	sources	sources	sources

	β	p	β	p	β	p	β	p	β	p	β	p	β	p	β	p
Age	.14	<.001	-.11	<.001	.13	<.001	-.11	<.001	.15	<.001	-.11	<.001	.15	<.001	-.11	<.001
Gender	-.05	.042	.05	.06	-.05	.05	.05	.09	-.06	.02	.05	.09	-.06	.02	.05	.09
Education	.12	<.001	.01	.59	.10	<.001	.02	.57	.11	<.001	.02	.58	.12	<.001	.02	.56
Trust 2019	.14	<.001	.07	.006	.16	<.001	.00	.90	.11	<.001	.00	.88	-	-	-	-
Anxiety	.37	<.001	.34	<.001	.37	<.001	.34	<.001	.37	<.001	.34	<.001	.37	<.001	.34	<.001
Collective angst	.18	<.001	.08	.009	.16	<.001	.08	.01	.17	<.001	.08	.01	.18	<.001	.08	.01
R^2	.27		.18		.28		.17		.26		.17		.25		.17	

Table 4*Completely standardized indirect effects*

Trust toward:	Political institutions			<i>Super partes</i> institutions			International institutions			Epistemic authorities		
Total effect	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI
Anxiety	.05	.03	.08	.04	.02	.07	.04	.01	.06	.05	.02	.09
Collective angst	.03	.01	.04	.02	.01	.04	.02	.01	.03	.03	.02	.05
Indirect effects	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI	Coeff.	LLCI	ULCI
Anxiety through information from institutional sources	.06	.04	.08	.06	.04	.08	.04	.02	.06	.09	.05	.12
Anxiety through information from relational sources	-.01	-.03	.01	-.02	-.03	-.00	-.00	-.02	.02	-.04	-.06	-.01
Collective angst through information from institutional sources	.03	.02	.04	.03	.01	.04	.02	.01	.03	.04	.02	.06
Collective angst through information from relational sources	-.00	-.01	.00	-.00	-.01	.00	-.00	-.01	.00	-.01	-.02	-.00

Figure 1

The tested model

