Individuals’ conceptions of COVID-19 pandemic through metaphor analysis

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Abstract
The main purpose of the current study is to investigate the perceptions of individuals living in Turkey during the COVID-19 pandemic through metaphor analysis. The current study employed the descriptive phenomenological design, one of the qualitative research methods. A total of 210 individuals living in Turkey (114 females (68.6%) and 66 males (31.4%)) participated in the current study through an online questionnaire on a voluntary basis. As the data collection tool, the online questionnaire form developed by the researchers was used. The collected data were analyzed within the framework of five-stage metaphor analysis. As a result of the analysis, a total of seven metaphor categories called being restricted, restlessness, uncertainty/obscurity, deadly/dangerous, struggling, faith/destiny, and supernatural were obtained. These categories were subsumed under three themes called “anxiety/concern, risk, and faith”.

Keywords COVID-19 pandemic · Metaphor · Anxiety · Risk · Faith

Introduction
The New Coronavirus Disease (COVID-19) was first identified on January 13, 2020, as a result of the examination of a group of patients who first developed respiratory tract symptoms (fever, cough, shortness of breath) in Wuhan Province of China in late December (World Health Organization [WHO], 2020a). The pandemic was initially detected among those working in the seafood and animal market in this region. Then it spread from person to person and other cities in Hubei province, primarily Wuhan, and other provinces of the People’s Republic of China and then to other countries of the world. The world has been so alarmed against this virus threat that the World Health Organization has declared it as a pandemic. In this process, individuals struggle with the psychological, sociological, and economic consequences of the pandemic (Dong & Bouey, 2020; WHO, 2020a).

Many factors such as uncertain estimates, insufficient resources to protect healthcare providers from infection, growing financial losses, and conflicting messages from authorities can cause an increased risk of psychiatric illness associated with COVID-19 in individuals. Although medical conditions caused by natural causes such as life-threatening viral infection do not meet the trauma criteria required for Post-Traumatic Stress Disorder (PTSD) diagnosis, they have the risk of giving rise to other psychopathologies such as depression and anxiety disorders (Pfefferbaum & North, 2020). During the fight against COVID-19, conditions such as the high risk of infection, overwork, frustration, discrimination, isolation, lack of contact with families, and fatigue, especially seen in healthcare workers, can cause mental health problems such as stress, anxiety, depressive symptoms, insomnia, denial, anger, and fear. This suggests that mental health problems will not only affect the attention, understanding, and decision-making ability of healthcare workers but also indirectly affect the fight against COVID-19. Another important issue is that this situation may have a lasting effect on the general well-being of individuals (Kang et al., 2020). On the other hand, confirmed or suspected COVID-19 patients may be afraid of the consequences of infection that can be fatal, and patients in the quarantine may experience distress, loneliness, and anger. Moreover, signs of infection such as fever and cough and negative effects of treatment such as insomnia can cause anxiety and mental distress. In any biological disaster, themes of fear, uncertainty, and stigmatization are common and they can interfere with appropriate
mental health interventions (Xiang et al., 2020). Also, the need for mental health services or psychosocial support has increased further with the interruption of mental health services in many countries. In many countries, an increase in symptoms of depression and anxiety associated with the COVID-19 pandemic has been reported. A study in Ethiopia in April 2020 reported a 3-fold increase in the prevalence of depression symptoms compared to pre-pandemic estimates (WHO, 2020b). In another study, about one-fifth of 1577 adults reported possible anxiety and depression (Ni et al., 2020). The World Health Organization expressed its concerns about the mental health and psycho-social consequences of the COVID-19 pandemic. New measures such as self-isolation and quarantine are thought to lead to increased loneliness, anxiety, depression, insomnia, alcohol and drug use, and self-harming behaviors in humans (WHO, 2020b, 2020c).

When the process of the COVID-19 pandemic is taken into consideration, it seems to be inevitable that patients, healthcare professionals, and the public are under psychological pressure that can lead to various psychological problems such as anxiety, fear, depression, and insomnia. Anxiety, loneliness, difficulty in concentrating, low motivation and distraction, hopelessness, panic, and fear, financial tension, and anxiety about the future also indicate the obvious psychological consequences of this situation (Hiremath, Kowshik, Manjunath, & Shettar, 2020).

In the literature, there are various studies conducted on the COVID-19 pandemic. Ahorsu et al. (2020), developed the COVID-19 Fear Scale. In the study conducted by Wang et al. (2020), in China, it was found that more than half of the respondents evaluated the psychological impact of the process as moderate to severe in the first stage of the COVID-19 pandemic, and about one-third reported moderate to severe anxiety. Research findings show that this pandemic causes additional health problems such as anxiety, stress, concern, depressive symptoms, insomnia, denial, anger, and fear globally (Cao et al., 2020; Gao et al., 2020; Lie et al., 2020; Torales et al., 2020). Huang, Han, Luo, Ren & Zhou (2020), on the other hand, found that anxiety was higher among healthcare workers during the COVID-19 pandemic. In the study conducted by Roy et al., (2020), more than 80% of the participants stated that they need mental health services during the COVID-19 pandemic. In another study, it was concluded that clinically stable COVID-19 patients suffer from significant post-traumatic stress symptoms associated with COVID-19 before being discharged from the hospital (Bo et al., 2020). Satici, Gocet-Tekin, Deniz, and Satici (2020), adapted the COVID-19 Fear Scale to Turkish and investigated the relationships between COVID-19 fear and life satisfaction, depression, anxiety, and stress. In their study, Ekiz et al., (2020), evaluated the relationships between the COVID-19 pandemic control perceptions of the individuals aged 18–70 living in Turkey and their health anxiety levels.

The above-mentioned studies on the COVID-19 pandemic are generally aimed at developing scales and examining relationships between variables. On the other hand, demonstrating the perceptions, attitudes, and feelings of individuals towards this pandemic during the COVID-19 pandemic is extremely important for understanding the psychological effects of this process on individuals. At this point, metaphors which are accepted as an important way to reveal and connect abstract ideas, indirect and difficult to express feelings, attitudes, and beliefs provide the opportunity to reach deep and concrete information and findings. The Mental Metaphor Theory defines metaphor as an explanation of a mental scheme by reflecting it on another mental schema and establishing a relationship between these two schemas (Lakoff & Johnson, 2007). In this context, it is thought that examining the process of the COVID-19 pandemic, which is an abstract and complex concept, through metaphors will create more functional and concrete cognitive patterns in understanding the meaning and importance of this process. The main purpose of the current study is to investigate the perceptions of individuals’ living in Turkey during the COVID-19 pandemic through metaphor analysis. To this end, answers to the following questions were sought:

1. What are the metaphors developed by individuals living in Turkey during the pandemic about the COVID-19 pandemic?
2. Under which categories are the metaphors developed by individuals living in Turkey during the pandemic about the COVID-19 pandemic subsumed according to their common features?
3. Do the categories formed based on the metaphors developed by individuals living in Turkey during the pandemic about the COVID-19 pandemic vary significantly depending on the variables of gender, living with risky groups during the pandemic, being diagnosed with COVID-19, having any chronic disease?

Methods

Design

The current study employed the descriptive phenomenological design, one of the qualitative research approaches. In the descriptive phenomenological design, it is aimed to elicit the meanings assigned to the phenomenon by the individuals having experiences about this phenomenon and to conceptualize these meanings (Ersoy, 2016). One of these conceptualization tools is metaphors. Metaphors are known as useful and figurative forms of expression that embody the complex and abstract emotions, thoughts, expressions, and meanings of
individuals (Collins & Green, 1990). In the current study, the abstract and complex expressions and meanings of individuals regarding the COVID-19 pandemic are made more concrete and functional through metaphors.

**Procedure**

The survey was administered via Google Docs between May 10 and May 20, 2020. The participants were reached by social media platforms and personal email contacts were used to collect the data. In this way, 250 participants were reached. Later, the online questionnaire containing the weak metaphor images of 40 participants was removed from the data set. The weak metaphor can provide emotive force but provides no surplus of meaning. These are ornamental, substitutitional, descriptive and trope (Tomkinson, 2009). As a result, data from 210 participants were analyzed.

**Sample**

A total of 210 individuals living in Turkey (114 females (%68.6) and 66 males (%31.4) participated in the current study through an online questionnaire on a voluntary basis [Age range = 20–69, Mean age = 31.18, Age sd = 10.29]. Demographic features of the participants are given in Table 1.

**Instrument**

As the data collection tool, an online questionnaire form developed by the researchers was used in the current study. There are two parts to this online questionnaire form. In the first part, there are items to elicit information about the participants’ gender, age, having any chronic illness, diagnosis with COVID-19, and living with risky groups.

In the second part of the questionnaire form, there is the sentence “COVID-19 pandemic is like ... because ...” to be completed by the participants so that their metaphors about the COVID-19 pandemic can be elicited. In the online questionnaire form, there is a response line for the participants to present their completed sentences. The participants were asked to write their sentences in this response line. The sentences written here by the participants were used as the main data source of the study.

**Data Analysis**

The collected data were analyzed according to the stages of metaphor analysis proposed by Saban (2008). These stages are explained below:

**Coding and Eliminating**

In this stage, the metaphors produced by the participants were first alphabetically ordered. At that point, it was investigated whether the metaphors were explained clearly in the statements of the participants. To this end, coding of the metaphor produced by each participant was performed. While performing this coding operation, it was seen that metaphors were not clearly expressed in some participants’ statements. Moreover, it was determined that some participants produced metaphors having characteristics belonging to more than one category. Also, some participants expressed their personal opinions rather than metaphors in their statements. “I compare it to an uncertain disease and from whom it is not known from (a sudden violent sea wave).”, “A process in which irresponsible people disregard the efforts of healthcare professionals and infuriate people who are not attentive.” and “Definitely, the rules must be followed until the pandemic is overcome.” are examples of these thoughts. For this reason, it has been removed from the data set. As a result, the online questionnaire forms of a total of 40 participants were discarded from the dataset.

**Compiling**

After the exclusion of the online questionnaire forms of a total of 40 participants as they included ambiguous and poorly structured metaphors, a total of 43 valid metaphors were reached. For each metaphor, sample metaphor expressions that were thought to represent the best were included. Then, these metaphors were alphabetically ordered and the raw data were revised again. Moreover, participants’ statements explaining each metaphor were re-examined. At that point, for each metaphor, a sample metaphor statement thought to best represent it was formed. Thus, a sample metaphor statement was selected for a total of 43 metaphors. In this way, it became possible to gather the metaphors under certain categories, to analyze and interpret them.
Category Formation

In this stage, the 43 metaphors were analyzed in terms of “the source of the metaphor, the topic of the metaphor and the relationship between the source and the topic of the metaphor” and thus, they were gathered under 7 categories based on their common features. These categories are presented in Table 2.

Establishing Validity and Reliability

One of the methods used to increase validity and reliability in qualitative research is a detailed description (Creswell, 2013). In this regard, it was attempted to clearly describe the processes of inclusion of the metaphors in the study and generation of seven conceptual categories from these metaphors together with their reasons. Moreover, in qualitative research, one of the techniques used to increase reliability is the expert review (Creswell, 2013). The metaphors obtained in the current study and the categories established based on these categories were subjected to the review of an academician having a doctoral degree in the field of guidance and psychological counseling and a clinic psychiatrist specialized in the field of psychology and based on the feedback given by them, they were evaluated again. Then the agreement formula proposed by Miles and Huberman (2015), for reliability analysis was used. In this process, the experts negatively evaluated 8 metaphors out of 43 valid metaphors. As a result, the reliability coefficient was found to be 0.81. This reliability coefficient was calculated as follows:

Table 2 Categories about the COVID-19 pandemic and the metaphors included

| Categories               | Metaphors included                          | f | %  |
|--------------------------|---------------------------------------------|---|----|
| Being restricted         | Open prison                                 | 34 | 16.2 |
|                          | Restricted life                             | 10 | 4.8 |
|                          | Estranged family                            | 1  | 0.5 |
|                          | A bird in a cage                            | 1  | 0.5 |
|                          | A trapped mouse                             | 1  | 0.5 |
|                          | A turtle in its shell                       | 1  | 0.5 |
|                          | Spider web                                  | 1  | 0.5 |
|                          | Rumor parting lovers                        | 1  | 0.5 |
| Restlessness             | Horror film                                 | 26 | 12.4 |
|                          | Nightmare                                   | 7  | 3.3 |
|                          | Depression                                  | 5  | 2.4 |
|                          | Trouble                                     | 3  | 1.4 |
|                          | Trauma                                      | 2  | 1.0 |
|                          | A bad dream                                 | 1  | 0.5 |
|                          | Nerve-racking wait                          | 1  | 0.5 |
|                          | Cliff                                       | 1  | 0.5 |
| Struggling               | War                                         | 36 | 17.1 |
|                          | A social test                               | 4  | 1.9 |
|                          | An equating system                          | 1  | 0.5 |
| Uncertainty/Obscurity    | Dead well                                   | 4  | 1.9 |
|                          | Endless road                                | 7  | 3.3 |
|                          | Dead end street                             | 1  | 0.5 |
|                          | Gloomy atmosphere                           | 1  | 0.5 |
|                          | Intruder                                    | 1  | 0.5 |
|                          | Black days                                  | 1  | 0.5 |
|                          | Gordian knot                                | 1  | 0.5 |
| Deadly/Dangerous         | Black Death                                 | 10 | 4.8 |
|                          | An invisible monster                        | 2  | 1.0 |
|                          | Masked enemy                                | 2  | 1.0 |
|                          | Swamp                                       | 2  | 1.0 |
|                          | Something insidious because you cannot see your enemy | 2  | 1.0 |
|                          | A pressure cooker that is about to explode  | 1  | 0.5 |
|                          | An invisible bomb                           | 1  | 0.5 |
|                          | A dangerous adhesive                        | 1  | 0.5 |
|                          | An ever-growing complex ball                 | 1  | 0.5 |
| Supernatural             | Chaos                                       | 9  | 4.3 |
|                          | Disaster                                    | 8  | 3.8 |
|                          | Zombie invasion                             | 2  | 1.0 |
|                          | A daisy opened in the middle of the desert  | 1  | 0.5 |
| Faith/Destiny            | A sign of the apocalypse                     | 7  | 3.3 |
|                          | Seclusion (Sufism)                           | 5  | 2.4 |
|                          | Patience                                    | 2  | 1.0 |
|                          | Calamity                                    | 1  | 0.5 |
| Total                    |                                             | 210| 100 |
Reliability = Agreement / (Agreement + Disagreement)

\[ \text{Reliability} = \frac{35}{35 + 8} = 0.81 \]

Transfer of the Data into the SPSS Program Package for Qualitative Data Analysis

SPSS was used to analyze the descriptive statistics (frequency and percentage distributions) of themes and metaphor categories related to the Covid-19 outbreak. After the formation of a total of 43 metaphors and 7 categories, all the data were entered into the SPSS program package. Then, descriptive statistical analyses were conducted on the data and they were interpreted.

Results

In this section, first, the themes formed based on the categories related to the COVID-19 pandemic are presented. Then, the gender-based distribution of the metaphor categories and themes created by the individuals concerning the COVID-19 pandemic is given. Afterward, the distribution of the metaphor categories and themes according to living together with risky groups during the COVID-19 pandemic is discussed. Finally, the metaphor categories and themes of the individuals diagnosed with COVID-19 or having chronic illness are presented.

Themes Formed Based on the Categories

Seven metaphor categories were gathered under three themes based on their common features and similarities in meaning. These themes are; “anxiety/concern, risk, and faith”. These themes and the metaphor categories they include are given in Table 3.

In Table 3, it is seen that the participants produced a total of 210 but 43 different metaphors about the COVID-19 pandemic. The frequency distribution of the themes formed based on the common features of the metaphor categories is as follows: anxiety/concern 23 (%53.48), risk 12 (%27.92), and faith 8 (%18.60).

As can be seen in Table 4, the most frequently produced category by the female participants during the COVID-19 pandemic is restlessness (f = 39, %26.4), and the most frequently produced theme is anxiety/concern (f = 82, %56.9) while the most frequently produced categories among the male participants are struggling (f = 17, %25.8) and being restricted (f = 17, %25.8) and the most frequently produced theme is anxiety/concern (f = 30, %45.5).

As can be seen in Table 5, the most frequently produced category by the participants living with risky groups during

| Table 3 | Themes and metaphor categories related to the COVID-19 pandemic |
|---------|---------------------------------------------------------------|
| Themes  | Metaphor Categories    | f | %    |
| Anxiety/Concern | Being Restricted | 8  | 18.60 |
|           | Restlessness         | 8  | 18.60 |
|           | Uncertainty/Obscurity| 7  | 16.28 |
| Risk     | Deadly/Dangerous     | 9  | 20.94 |
|           | Struggling           | 3  | 6.98  |
| Faith    | Faith/Destiny        | 4  | 9.30  |
|           | Supernatural         | 4  | 9.30  |
| Total    |                      | 43 | 100   |

| Table 4 | Gender-based distribution of the metaphor categories and themes about the COVID-19 pandemic |
|---------|---------------------------------------------------------------------------------------------|
| Gender  | Metaphor groups | Female | Male |
|         | f | % | f | % |
| Categories | Being Restricted | 33 | 22.9 | 17 | 25.8 |
|           | Restlessness | 38 | 26.4 | 8 | 12.1 |
|           | Uncertainty/Obscurity | 11 | 7.6 | 5 | 7.6 |
|           | Deadly/Dangerous | 15 | 10.4 | 7 | 10.6 |
|           | Struggling | 24 | 16.7 | 17 | 25.8 |
|           | Faith/Destiny | 9  | 6.3  | 6  | 9.1  |
|           | Supernatural | 14 | 9.7  | 6  | 9.1  |
| Total    |              | 144 | 100 | 66 | 100 |
| Themes   | Anxiety/Concern | 82 | 56.9 | 30 | 45.5 |
|           | Risk | 39 | 27.1 | 24 | 36.4 |
|           | Faith | 23 | 16.0 | 12 | 18.2 |
| Total    |              | 144 | 100 | 66 | 100 |

| Table 5 | Distribution of the metaphor categories and themes of the participants living and not living with risky groups during the COVID-19 pandemic |
|---------|---------------------------------------------------------------------------------------------|
| Living with Risky Groups | Metaphor Groups | Those living with risky groups | Those not living with risky groups |
|         | f | % | f | % |
| Categories | Being Restricted | 17 | 18.1 | 33 | 28.4 |
|           | Restlessness | 21 | 22.3 | 25 | 21.6 |
|           | Uncertainty/Obscurity | 5 | 5.3 | 11 | 9.5 |
|           | Deadly/Dangerous | 12 | 12.8 | 10 | 8.6 |
|           | Struggling | 19 | 20.2 | 22 | 19.0 |
|           | Faith/Destiny | 11 | 11.7 | 4 | 3.4 |
|           | Supernatural | 9  | 9.6  | 11 | 9.5  |
| Total    |              | 94  | 100 | 116 | 100 |
| Themes   | Anxiety/Concern | 43 | 45.7 | 69 | 59.5 |
|           | Risk | 31 | 33  | 32 | 27.6 |
|           | Faith | 20 | 21.3 | 15 | 12.9 |
| Total    |              | 94  | 100 | 116 | 100 |
The COVID-19 pandemic is restlessness (f = 21, %22.3), and the most frequently produced theme is anxiety/concern (f = 43, %45.7) while the most frequently produced category by the participants not living with risky groups is being restricted (f = 33, 28.4%) and the most frequently produced theme is anxiety/concern (f = 69, %59.5).

As can be seen in Table 6, the most frequently produced category by the participants diagnosed with COVID-19 during the COVID-19 pandemic is deadly/dangerous (f = 6, %35.3), and the most frequently produced theme is a risk (f = 8, %47.1). Moreover, the most frequently produced category by the participants having chronic illness during the COVID-19 pandemic is restlessness (f = 9, %37.5), and the most frequently produced theme is anxiety/concern (f = 13, %54.2).

### Discussion and Conclusion

The purpose of the current study was to investigate the perceptions of individuals’ living in Turkey during the COVID-19 pandemic through the metaphor analysis method. To this end, 210 participants’ perceptions of the COVID-19 pandemic were analyzed with the metaphor analysis method, and thus a total of seven metaphor categories called being restricted, restlessness, uncertainty/obscurity, deadly/dangerous, struggling, faith/destiny, and supernatural were reached. These seven categories were gathered under three themes called “anxiety/concern, risk, and faith”.

The participants’ perceptions of the COVID-19 pandemic in the theme of Anxiety/concern were grouped under three categories called being restricted, restlessness, uncertainty/obscurity. According to the findings showing the relationship between gender and the theme of anxiety/concern, more metaphors were produced by the female participants than the male participants in this theme. The most remarkable metaphor category produced by the female participants under the theme of anxiety/concern is restlessness, while it is the category of being restricted for the male participants. Anxiety experienced by women about a potential threat and by perceiving uncertain situations as threatening may be due to the instincts of women to ensure the safety of themselves and their offspring from an evolutionary perspective (Wood & Eagly, 2002). This might even explain the reason for the frequent use of the “horror film” metaphor in the category of restlessness. Masculine gender roles attributed to men by society lead to behaviors such as looking strong, fearless, and assertive. Assigning the exact opposites of these behaviors to feminine gender roles may also be a reason for higher levels of anxiety in women. Similarly, the category of being restricted that is common among the male participants maybe because the aggressive and strong behaviors attributed to the male gender role were not sufficiently fulfilled during this pandemic. Also, the “open prison” metaphor, which was most frequently used by the male participants to compare with the COVID-19 pandemic, seems to be highly related to the concept of being restricted. Parallel to the finding of the current study, many other studies in the literature have found that anxiety level varies significantly depending on gender (Lewinsohn, Gotlib, Lewinsohn, Seeley, & Allen, 1998; Schneier, Johnson, Hornig, Liebowitz, & Weissman, 1992; Yonkers et al., 1998; Zvolensky, McNeil, Porter, & Stewart, 2001). Similar findings have also been reported by studies focusing on the COVID-19 pandemic. It was found that being female was significantly related to the high level of anxiety associated with the COVID-19 pandemic (Ekiz et al. 2020; Huang et al. 2020; Lai et al., 2020; Wang et al., 2020; Qiu et al., 2020). In their study conducted on healthcare personnel, Zhang et al. (2020); on the other hand, found no significant difference between the male and female participants’ levels of anxiety about the COVID-19 pandemic. This situation can be explained by the increase in the workload of healthcare personnel with the increasing number of cases and the fact that they are at a high risk of infection so that regardless of gender, all of them feel highly anxious. The theme of anxiety/concern was found to be the most common theme among those living with risky groups and those with chronic disease. The most obvious category of metaphor was a restlessness in those living with risky groups and the participants with chronic disease. Even though the acute or long-term consequences of the COVID-19 pandemic and accompanying social isolation on mental health are not yet clear, it may be inevitable to be concerned about the effects of a pandemic (Rubin, Potts, & Michie, 2010). The quarantine period being longer than
expected, negative news on social media or physical complaints caused by chronic conditions may also have caused this restlessness (Bo et al., 2020; Xiang et al., 2020). This finding of the current study is also supported by studies on pandemic diseases in the previous years (Hawryluck et al., 2004; Jeong et al., 2016; Reynolds et al., 2008; Robertson, Hershenfield, Grace, & Stewart, 2004; Wilken et al., 2017; Wu, Chan, & Ma, 2005). Also, the relationship between gender and themes was not analyzed quantitatively in this study. For this reason, it should be kept in mind that this situation is not a finding but only an observation.

Under the theme of risk are the categories of deadly/dangerous and struggling in the current study. While the frequencies of the deadly/dangerous category among the female and male participants are close to each other, the struggling category among the male participants is more common than the female participants. This can be explained by the effects of aggression, leadership, and independence attributed to the male gender role (Bem, 1975; Dökmen, 2017). In the struggling category, war is the metaphor used the most frequently to compare with the COVID-19 pandemic. In the individuals diagnosed with COVID-19, the category of deadly/dangerous was produced more than the other participants. Individuals in this group defined the COVID-19 pandemic as “an invisible monster”. The fact that individuals diagnosed with COVID-19 feel more in danger than others can be explained by their struggle for life against the difficult conditions caused by the disease. Infectious disease pandemics are the situations where the psychological struggle is most difficult due to the uncertainty they cause; even more difficult than wars including armed conflicts. The restrictions brought about by these pandemics make people feel vulnerable and at risk. Having to be prepared for the unknown and uncertainty negatively affects people physically and mentally. Although the physical and emotional recovery processes are long and difficult in more typical disasters, it can be assured that the worst is over when at least the event is over, but infectious disease pandemics do not have such an open time limit. This leaves people alone with a constant source of stress which cannot be dealt with our “fight or flight” system as there is no acute stressor (State University of New York – Institute for Disaster Mental Health [SUNY-IDMH], 2020). Therefore, it can be thought that war metaphors are powerful political and emotional tools that attract the attention of individuals and are widely understood (Horton, 2020). Moreover, the statement by the United Nations Secretary-General António Guterres “Our world is facing a common enemy. We are fighting the virus.” is a summary of the impact of the COVID-19 pandemic on humans.

The theme of faith is constituted by the categories of faith/destiny and the supernatural in the current study. It was a striking detail that participants compared the COVID-19 pandemic with “a sign of the apocalypse” within the category of faith/destiny. There are various apocalyptic scenarios of religions by their theological structures. The COVID-19 pandemic may have led to a belief in the participants that the end of the world is approaching. Another explanation could be that participants think that the end of the world will be brought about by the COVID-19 pandemic. The metaphors that were included in the category of supernatural were seen to be mostly produced by the participants having a chronic illness and the most frequently used metaphors in this category are “chaos” and “disaster”. When the period of the COVID-19 pandemic is considered in terms of chaos approach, this period can be thought to represent a transition phase in which the change in a system occurs unpredictably and irregularly (Duffy, 2000). When the COVID-19 pandemic is taken as a major global health crisis that continues to threaten the health and safety of the public, it may be inevitable that chaos will arise in this process. The difficulties and restrictions brought about by the COVID-19 pandemic manifest themselves in many areas. This situation can be evaluated by individuals as a harbinger of disaster. The United Nations Children’s Fund (UNICEF) has announced that the COVID-19 pandemic has led to the disruption of global immune services around the world, and if the process continues, this may provide an environment for pandemics that could lead to disasters this year and beyond. Many studies on the period of the COVID-19 pandemic also addressed the chaos and disasters experienced or may be experienced in this process (Mangiarotti et al., 2020; Restubog, Ocampo, & Wang, 2020; Tung, 2020). When the uncertainties and stressors associated with the COVID-19 pandemic are taken into consideration, all these metaphor categories can be interpreted as an expected situation. The fact that negative emotions and psychological arousal that emerge as a result of stressful experiences are disturbing for individuals motivates the person to get rid of this situation or to cope with the situation (Lazarus and Folkman, 1984). Thanks to this motivation, individuals experience the process of adapting to stress by managing their emotions in the face of stress, regulating their behavior, and trying to reduce the source of stress (Compas, Connor-Smith, Saltzman, Thomsen, & Wadsworth, 2001). Considering that stress, trauma, and crisis are processes that are a continuation of each other (Dulmus & Hilarski, 2003), it can be said that the stress factors resulting from the COVID-19 pandemic are important for the mental health of individuals. It has been observed that the stress that emerged as a result of infectious disease outbreaks in previous years can lead to mental health disorders (Bai et al., 2004; Lee et al., 2007; Mak et al., 2010; Maunder, 2009). On the other hand, similar findings were found in studies conducted during the COVID-19 pandemic process (Asmundson et al., 2020; Babore et al., 2020; Rogowska, Kuśnierz, & Bokszczanin, 2020; Shechter et al., 2020; Ye et al., 2020). For this reason, it can be said that there is a need to develop stress and coping models to combat the stress related to the COVID-19
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Data Availability Statement
The datasets generated during and/or analyzed during the current study are available from the corresponding author on reasonable request.

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Declarations
All procedures performed in studies involving human participants were by the ethical standards and with the Helsinki Declaration and its later amendments or comparable ethical standards.

Informed Consent
Informed consent was obtained from all individual participants included in the study.

Conflict of Interest
The authors declare that they have no conflict of interest.

We have no known conflict of interest to disclose.

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