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# THESIS BULLYING AND CYBERBULLYING IN THE PRE-UNIVERSITY EDUCATION SYSTEM SUMMARY

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#### INTRODUCTION

Bullying is one of the most harmful events that can occur in a child's life, generating not only negative effects in the short and medium term, but even in the long term, effects documented by extensive studies over the last decades (among the most cited studies that document this theme in the Web of Science include Arseneault et al., 2010; Espelage et al., 2003; Gini and Pozzoli, 2009; Olweus, 1994; Reijntjes et al., 2010; Van Geel et al., 2014). It is therefore understandable that there is a wide interest in research on this topic, research that can support public policies to combat this phenomenon. Bullying is generally understood as an aggressive and intentional act or behavior carried out by a group or an individual repeatedly and over time against a victim who cannot easily defend himself, according to Olweus (1994), considered as the promoter of this research area (Niță, 2022). Technological development has brought with it a virtual environment in which this type of behavior can proliferate through various forms and mechanisms; the term cyberbullying is used to describe bullying that takes place on the internet, mainly via mobile phones and social media. Cyberbullying thus corresponds to an equally aggressive and intentional act carried out through the use of information and communication technologies (ICT) (Smith, 2008).

The work is structured in four chapters, two theoretical and two practical. The first chapter creates the general picture of the *bullying phenomenon*. The chapter highlights the theoretical foundations of aggression; lack of communication is an important factor in the emergence of aggression, as previous studies support. The chapter discusses the emotional state of adolescents at school, the perception and attitude of parents towards *bullying*, the extent of the phenomenon's spread among pre-university students. The first sub-chapter - the implications and effects *of bullying* - marks the student's experience, his emotional state or well-being, challenges during adolescence, the transformations that students have from a psychological and biological point of view during this period of life and, not least, their emotional development. The chapter also documents the perspective of parents, who are primarily responsible for children's well-being. Contemporary society is interested in developing educational policies to prevent and combat bullying. The chapter also discusses solutions regarding aggressors: how should parents be involved in managing their behavior, how should teachers respond, how many kinds of repercussions are there, what are the effects at a social, emotional or physical level.

Chapter 2 presents the phenomenon of cyberbullying, detailing the specialized literature on the forms, effects and solutions to this phenomenon. The effects of

cyberbullying, the identification of the signs of cyberbullying, the impact on society, the social emotional or physical consequences, the relationship between victim status and depression, the forms of social and general anxiety, the connection between the aggressor and the victim are presented. At the end of the chapter, from a comparative perspective, the two phenomena that are the subject of the present research are analyzed, both of which are characterized by the repetitive nature of the actions taken and by an asymmetric relationship between the one who is harassed and the harasser. Cyberbullying is different from other forms of bullying by the specificities of the habitat in which it manifests itself: the Internet, where the rules of society are different and which in fact induce some different consequences. If this form is sometimes confused with other forms of violence, this is explained on the basis of the possibility of the harasser to combine several methods to achieve his goal, but also of the legislative gaps, due to a modern technology that develops quickly and to which the law comes too late, when we are already at another stage of technology development.

Chapter 3 presents the research methodology, namely the justification of the research approach, the methodological design, the data collection procedure from the three samples, the specific ethical aspects of the approach and critical considerations regarding the methodology in the case of the researched subject. The contextualization of the research approach is essential in legitimizing the approach of this work, and the general objective, research questions and hypotheses are solidly anchored in the specialized literature and the specific context of the studied phenomenon in Romania. The variables targeted in the assessment of the situation at the level of students include the attitudes and behaviors that are the basis of bullying, the students' perception of this phenomenon, the adaptation mechanisms that students resort to in situations when they feel negative emotions, prevailing attitudes from the victim pose, attitudes prevalent from the pose of aggressor or participant in bullying, the types of harassment/aggression they are subjected to online and determining the degree of exposure to the online environment and TV. Among the sample of **parents**, the variables include the perceptions regarding the reasons that lead to aggression in the school environment, the perceptions regarding the resolution of conflict situations and intercollegiate relations, the behaviors observed in children as a manifestation of negative emotions, the perception regarding the phenomenon of bullying in schools and the sources of this behavior. At the level of **teaching staff**, the studied variables represent the reasons behind *bullying* in schools, the perception of the phenomenon studied at the school level, the adaptation mechanisms

observed among students as a manifestation of negative emotions, the identification of behaviors from the students' victim position and from the pose of aggressor or participant in *bullying*.

Chapter 4 presents the results of the research in extenso, from the perspective of students, parents and teachers. The sample of 3901 students from whom the primary data on the subject matter was obtained included the middle and high school cycle, with all specializations in the pre-university system. Here the distribution of the sample by study classes, the situations that generate bullying attitudes, bullying attitudes - the victim pose, bullying attitudes - the participant pose, student behaviors when they feel angry, nervous or sad, the adaptation mechanisms of them, students' opinions regarding several statements related to aggression, the level of safety of the educational unit, consequences for violence situations, the frequency of use of television and the Internet, students' opinions related to aggression, support in a bullying situation, the proportion of students who have been bullied on the Internet, the time of Internet use among students, the distribution of responses according to Internet bullying, the differences in perception among girls and boys regarding the statements analyzed for the victim pose, perception among rural and urban students regarding help received in case of harassment, etc. The sample of teaching staff includes 634 subjects from urban and rural education, and the sub-chapter detailing the results regarding their perspective highlights the perceived reasons for school aggression, the bullying attitude from the victim pose, student behaviors in the pose of victim or aggressor, behaviors of students when they feel angry, nervous or sad, follow-up for school violence situations, the main sources of verbal, emotional or physical violence, teachers' opinions regarding several statements related to internet violence, support in a bullying situation, the differences in perception among teachers in urban and rural school units regarding the help received in case of bullying, etc. The sample of parents includes 2622 subjects, they are part of the population of Braşov county, representatives of all ethnicities of the county, from the urban and rural environment. The subchapter presents the parents' perception regarding variables similar to those studied in the case of the previously described samples. After these sections, the data are analyzed synthetically, to answer the research questions and to validate or invalidate the hypotheses of the present research.

The objective of the present research is **to investigate the phenomenon of** bullying and cyberbullying in the school environment and their implications, from the **perspective of students, parents and teachers.** The research questions based on the

specialized literature discussed in the theoretical chapters and which form the basis of the research approach are the following:

- Q1. To what extent is the phenomenon of *bullying* and *cyberbullying found* among the targeted school units?
- RQ2. What is the students' perception regarding the safety of the school environment?
- Q3. To what extent do parents perceive the family situation as a source of the child's aggression in the school environment?
- Q4. What is the perception of teachers regarding the sources and effects of *bullying* in schools?

The research hypotheses that arise from the questions and will be verified through the statistical analysis of the collected data are the following:

- H1. At the level of the studied schools, the degree of perception of bullying among students is low.
- H1a. The level of perception of the fact that some students deserve to be teased/aggressed, at the level of the target group, is low.
- H2. The degree of safety felt by students in the school environment is high.
- H2a. In the case of bullying situations, students know, to a large extent, the school authorities they can turn to for help.
- H3. At the level of students' perception, bullying behaviors are associated with difficult family situations.
- H4. At the level of parents' perception, there is a direct and positive relationship between parental conflict/child neglect and bullying behaviors at school.
- H4a. Verbal and emotional violence among children are perceived by parents as behaviors taken from the family.
- H5. Parents associate children's negative emotions with the tendency of social isolation and disregard for one's own person.
- H6. Parents are largely concerned about the safety of their children in the school environment.
- H7. Teaching staff associate parents' lack of attention with aggressive manifestations in the school environment.
- H8. The prevalence of bullying observed by teachers in the school environment is low.
- H9. Teachers' experience with cyberbullying is limited.

#### **CHAPTER 1. BULLYING: THEORETICAL FOUNDATIONS**

1.1 Bullying: Introduction

The phenomenon of *bullying* is defined as a set of verbal or physical behaviors, with an aggressive character, representing a major problem in educational centers, started by a person or a group of people, the aim being to humiliate a person, called the victim, in a hostile way, repetitive and continuous; this type of behavior abuses the differences (physical strength, intellect, social status, ethnicity, etc.) between the aggressor or aggressors and the victim or victims, the effects of this phenomenon being negative and with possible long-lasting effects (Benitez and Justicia, 2006; Espelage and Swearer, 2003; James, 2010; Marsh, 2018; Smith; 2013; Swit, 2019).

Benitez and Justicia (2006)state that this phenomenon is found in every community, in more or less accentuated forms, but its characteristics do not differ according to the culture existing in that community, despite the fact that there are significant divergences between the relationship between the aggressor and the victim, stating that "the incidence rates, despite being similar in many studies, show differences, although these differences may be due to factors related to the definition of bullying accepted by the authors, the heterogeneity of the instruments used to collect the data, the characteristics of the sample, etc." (p. 155). Thus, the authors argue that the differences between countries are not significant from the perspective of the observed incidence rate, this being an argument for the similarity of the phenomenon in different cultural and educational contexts.

This behavior is manifested on a person through humiliations, threats with the aim of degrading the person to whom these insults are addressed. The topics that *bullying* focuses on are religion, sexual orientation, racial differences, physical differences. In other words, anything that makes you different can be used as a way for individuals to fall victim to this phenomenon.

#### 1.2 The implications and effects of bullying

#### The student experience

Adolescence is a rather difficult period from several points of view, it marks the emotional state of tomorrow's adult, it can be affected by certain external factors,

including the family and especially the school. It is a period in which each teenager forms his autonomy within the family, of the education provided by the education system, behavioral autonomy, he does not want to appeal to the opinion or advice of adults, thus making personal decisions that will allow him to lead himself.

Psychologically speaking, adolescence involves the period of change of a succession of traits with an affective, cognitive, but also behavioral character. In this process of change they develop more mature relationships with individuals of both sexes. Emotional dependence on adults begins to disappear, and the acquisition of a set of values and autonomy are some of the changes that leave their mark on the adolescent's life. Zamfir and Vlăsceanu (1998) define adolescence as a "distinct stage in the evolution of the individual that lies between childhood and youth, presenting characteristic aspects in biological and psychosocial terms" (p. 26). Thus, we can say that adolescence, from a psychological and biological point of view, is the period in the life of any social actor represented by transformations on several levels.

#### Parents' perspective

Some research suggests that parents are the primary caregivers who are responsible for their child's well-being. For example, the presence of aggression at home: if young people see it in the family environment from an early age, they will end up acting the same way in other environments in the near future. Hixon (2009) conducted a literature review on the psychological process that occurred between bullies and victims of bullying. When parents neglect to model appropriate social behavior in children, they are at high risk of using aggressive behavior when interacting with other youth who are trying to solve social problems without aggression (Wijtenburg, 2015).

The reasons that lead to the appearance of aggressive behavior in children are very diverse, given the fact that each individual is unique and reacts differently to external stimuli that can cause such behaviors. Children who do not receive adequate emotional support and receive various negative external stimuli are much more likely to develop aggressive behavior (López et al., 2006).

There is an increasing incidence of *bullying* in Romanian schools, the danger comes from a false impression of its normality, and most people accept it as a common part of everyday life (Ghiman and Pop-Cîmpean, 2022). The transmission rate is very high, *bullying* actually starts at 1-2 years, when children have already started to learn the first form of manipulation, irritating their parents (or siblings) with their actions (eg

crying for a certain benefit, when they repeatedly make noises). The negative emotions of the parents (frustrated, angry) are perceived positively by the children (they are happy and feel great seeing the negative effects produced) because they are able to produce this effect.

#### Forms of violence and behavioral typologies

Violence appears in various forms, and sometimes we do not even suspect that we are dealing with a certain act of aggression. That is why it is essential, when analyzing this concept, to define its various forms. According to WHO, violence means:

"the intentional use of physical force, force or power, real or in the form of threats directed against oneself, against another person, group of persons or community, resulting in bodily harm, death, psychological harm, developmental disability or other harm" (Matran, 2021, p. 258).

Researchers have identified various typologies of violence. Therefore, there are different degrees through which the aggressive act can be manifested, from minor forms, such as: pushing, rudeness, offensive words, to major forms, such as: physical injuries and even death (Matran, 2021). Direct violence can be characterized as the behavior of an individual directed against another individual in an intentional and threatening manner. Also, the aggressor attempts and/or succeeds in causing physical injury to the victim. Indirect violence, however, is when the abuser uses others to harm the victim, through actions such as: gossiping, spreading disparaging rumors about someone else, social marginalization (Matran, 2021). In this case of violence, there is a high risk that the aggressor will escape unpunished, in the absence of evidence that is difficult to document.

#### Witnesses of bullying behaviors

Witnesses who take part in a bullying action, also known as spectators, are characterized as the people who influence the aggressive event in a positive or negative way, i.e. they either choose to approach a way in which they help the victim, or one in which they support the aggressor. They represent the group of people who influence the way in which the rate of aggressive events propagates in the educational environment, they usually tend to support the aggressor because of the fear of not being attacked themselves, and they represent a critical resource for the phenomenon of *bullying*.

because they are the ones who can support or destroy this phenomenon (Alvarez-Garcia et al., 2021; Padgett and Notar, 2013; Swearer and Hymel, 2015; Thornberg et al., 2021).

#### Consequences of bullying behavior

The most common causes that can trigger such inappropriate outings on the part of the person who will harass a person are, for example:

- lack of empathy towards people and ego (he tends to think that if he does this, he will become more popular and better seen by other colleagues or friends), but when we talk about the causes of this kind of bullying, bullies can take examples and take gestures and methods of physical or verbal aggression from others with similar behavior, believing that this is something that will attract attention (Ashiq et al., 2016; Mitsopoulou and Giovazolias, 2015).
- another cause could be that represented by the family framework, it can be seen as a mirror of an imbalance in the family (Nocentini et al., 2019). Families in which there are signs of violence, no matter what it is, are a favorable environment for such actions by the child. Children tend to copy their parents, taking as examples the facts they see at home. These, later turning into traumas, can backfire on potential victims. What happens in the family can have serious consequences on the mentality and development of the child. That's why I can say that domestic violence can give birth to aggressive children, but not in all cases. They may grow up thinking that in order to be authoritative, other people must be afraid of you. Some parents force their children to do certain things, believing that such ways will educate them. Such behaviors can cause children to become future bullies when they go out into society.

Rivers and Smith (1994) classified three types of *bullying*: direct physical aggression, direct verbal aggression and indirect aggression. Verbal *bullying* includes mocking, making fun of the physical, physical deficiencies of other students, using unpleasant words. Almost all victims *of bullying* exhibit stress, anxiety, depression, academic problems, suicidal ideation and psychosocial problems (Long and Alexander, 2010).

#### Identifying and documenting cases of bullying

The strong impact of *bullying* has been of great interest to many specialists, and the research results underline the extent of the global expansion of this phenomenon. In order to combat this phenomenon, we must not only be aware that it exists and is

expanding, but we must know how to identify it, and this is not possible without prior knowledge of the factors that cause it to appear. For example, when doing clinical assessments with children who are the target of *bullying*, it is important to take into account that they are often reluctant to tell both professionals and their own parents what is happening, due to fears that adults will do nothing but make the situation worse and at the same time because of feelings of shame, embarrassment, because they are the target of *bullying* (Limber, 2002; Olweus et al., 1999). Male victims and teenagers in particular are the least likely to report being harassed.

A problem that exists in many schools is the lack of a psychologist. In every educational institution, the presence of a psychologist would help a lot, many of the students would have more courage to say what is bothering them.

#### 1.3 Measures to combat the phenomenon

the child telephone was implemented (Asociația Telefonul Copilului, n.d.) . According to statistics on the website, the service is a success, between 21 October 2001 and 31 December 2020 there were 2,636,108 phone calls, of which 96,494 were calls that required long-term counseling from the organization's consultants, counseling that falls within in the following categories: the need for psychological counseling, the need for legal counseling, the need for information, the need to facilitate the intervention of competent institutions. All telephone calls taken are anonymous. When the problem is one of high gravity, if the person concerned agrees to provide personal data, the operators will immediately notify the social services to travel to the place in question.

Operators are also at the disposal of people who are not safe and need help, guiding them step by step to get out of the situation. The Children's Telephone offers the following services: information regarding the observance of the child's rights; counseling for the promotion and respect of children's rights; referral to institutions that can provide appropriate assistance in each individual case; case monitoring; monitoring the observance of children's rights in Romania (Telefonul Copilului Association, n.d.).

## AS CHAPTER 2. CYBERBULLYING: FORMS, EFFECTS AND SOLUTIONS

#### 2.1 Forms of cyberbullying

The term *cyberbullying*, therefore, defines various forms of psychological abuse, communicated through the Internet and includes repeatedly offending an individual, sending obscene text messages, web messaging or online conversations, attacking someone through a fake profile or blog, containing information humiliating, sending threats and online publishing of videos or personal photos without the owner's consent (Cojocari, 2019). Although similar to traditional bullying, cyberbullying can cause more stress to the victim because the bully is protected by anonymity and engages in behaviors they would not do in real life.

According to Kaspersky's website for children's safety on the Internet, *Kids safety by Kaspersky*, there are 10 types of bullying on the Internet (see Bîtca, 2018; Vevera and Albescu, 2019). These are:

- Gossip (eng. *Gossip*): this involves the publication in the online environment of some hypothetical information that can blame one or more people, but also the instigation of other people to take over an ostentatious behavior towards some individuals.
- Exclusion (eng. *Exclusion*): this consists in the exclusion of an individual from an existing group in the online environment. An example of this is the exclusion of a classmate from the class group on WhatsApp due to the fact that the others do not think they deserve to be in this group.
- Harassment (eng. *Harassment*): refers to harassment through offensive words, but also images of the person in question that could denigrate them from a social point of view. An example of this can be blackmail by publishing images in indecent poses with the harassed person in exchange for services of a sexual nature. This can degrade the victim's mental integrity.
- Trolling: consists in the desire to irritate through certain actions such as insults, obscene messages, but also certain emoticons, these being posted in advance either for the general public or privately to annoy the victim.

- stalking (eng. *Cyber stalking* ): refers to harassing behavior towards an unknown person in the virtual environment. It asks the victim to meet, transposing the action from the virtual environment to real life.
- Comments: Refers to the posting of negative responses or denigrates posts made by another person. Such comments are often found on posted photos, but also on video clips and text posts.
- Insistence (eng. *Dissing*): sending permanent messages or posts to users who refuse to respond to them.
- Fake profiles: creating fake profiles, mostly used by cyber bullies. They create a
  new identity or steal someone else's in order to talk to the victims they want to
  reach. In some cases, the aggressors can impersonate the victims or even threaten
  them.
- Attacking (eng. Fraping): using certain methods to change the details on the victim's personal profile when the victim in question does not secure his profile.
   This phenomenon can also be described as speaking on behalf of the victim.
- Disclosure (eng. *Trickery* ): the use of certain methods by the aggressor to be able to reach certain information of the victim, in order to then make it public.

Virtual threats can also materialize in the form of direct threats, which are based on the idea of harming someone or committing suicide, containing information about a planned event, or disturbing material, which clearly shows that a person is angry and considering the idea of hurting someone or harming them (Willard, 2007).

#### 2.2 The effects of cyberbullying

Cyberbullying is violence addressed through virtual means, having a much stronger and faster effect, the information being much more easily spread on social media platforms, where anyone can have access to it. The aggressors are mostly anonymous, they use different means to express their acts of aggression, such as images, texts, etc. The victims are often teenagers, and mostly girls are the most targeted by the attackers. Being very vulnerable, very few notify the authorities or an adult about an abuse in the cyber environment to which they are subjected. The attackers create deep traumas for the victims following the aggressions carried out in the virtual area, the consequences are

manifested by various conditions such as depression, anxiety, very low self-esteem (Leduc et al., 2022).

#### 2.3 Solutions to prevent and combat cyberbullying

To combat this phenomenon of aggression is necessary, "the involvement of everyone - children, parents, teachers, counselors, youth leaders, law enforcement, social media companies and the whole community" (Hinduja and Patchin, 2014, p. 5) is necessary to help them the victimized to be able to get over these traumas more easily, but also to be able to reintegrate into society.

A key action that parents can take to ensure that young people do not become victims of *cyberbullying* is to provide them with an environment where they feel safe to have the confidence to talk to them when they feel bullied in the environment online (Hinduja and Patchin, 2014). By having an environment where the child feels safe, parents can find out more easily and quickly if the child feels bullied and can take the necessary steps to stop this act of bullying.

#### 2.4 Bullying and cyberbullying: A comparative perspective

All elements of our society have changed with the Internet: shopping, communication, information. In this sense, even undesirable things have been transformed with the advent of virtual space. So, bullying that has existed for a long time and that is expressed in physical places has seen an important mutation. Harassment, a relatively faithful translation of the term *bullying*, usually face-to-face, expressed at work, in school or on the street, has undergone changes. Its possibilities to exist in a virtual world were strong and the information of the last years confirmed this hypothesis: the number of psychologically injured people or who chose a path of no return through suicide has increased (Nikolaou, 2017). This confirms the need to understand what online harassment, also known as *cyberbullying*, is and to know if it is different from other forms of harassment.

When we talk about harassment or *cyberbullying*, both are characterized by the repetitive nature of the actions done and by an asymmetric relationship between the one who is harassed and the harasser.

In conclusion, *cyberbullying* is different from other forms of *bullying* by the specificities of the habitat in which it manifests itself: the Internet, where the rules of society are different and which in fact induce some different consequences. If this form is sometimes confused with other forms of violence, this is explained by the possibility of the harasser to combine several methods to achieve his goal, but also by the legislative gaps, due to a modern technology that develops quickly and to which the law comes too late, when we are already at another stage of technology development.

#### CHAPTER 3. RESEARCH METHODOLOGY

#### 3.1 Research design: Quantitative and qualitative dimension

The research approach used in this study was a mixed methods procedure that included elements of both quantitative and qualitative research traditions (Creswell and Clark, 2007). To examine students' experiences of bullying and adults' responses to it, we first collected quantitative data in questionnaires and then some open-ended questions for a qualitative perspective of the study. Creswell (2009) refers to this approach as *sequential exploratory design*. The survey data was collected in 2020, with the Covid-19 pandemic restricting data collection possibilities.

Quantitative research is an approach that tests objective theories by examining the relationship between variables (Creswell, 2003). Everything that can be usually measured by instruments is described as a variable and they can be analyzed by statistical procedures. Quantitative tools are primarily experimental designs and secondarily non-experimental designs such as surveys. Survey research provides a quantitative or numerical description of the attitudes, tendencies, or opinions of a population (Creswell, 2003).

This work can also be characterized as descriptive research. Descriptive research addresses questions about how things are, not their causes, while playing a key role in uncovering the existence and extent of social problems (in this case, bullying) and can enable social action and provide the basis for social policy interventions well directed (De Vaus, 2002). Descriptive statistics are those that summarize patterns in the responses of a sample (De Vaus, 2014). Quantitative research is also characterized as having the ability of its findings to be generalized to the population (Gall et al., 2007). At the same time, quantitative research is considered appropriate for measuring attitudes. Data are collected on an instrument that measures attitudes, and the information collected is analyzed using statistical procedures and hypothesis testing (Creswell, 2003). Hartas (2010) notes that quantitative research was originally situated in the philosophical tradition of empiricism and logical positivism. Creswell (2003) agrees, stating that post-positivist assumptions are more valid for quantitative research. Quantitative research is considered to provide what is characterized as strong evidence (De Vaus, 2002).

#### Fidelity and validity

As a reliable measurement we consider the one that gives us the same results on repeated occasions (De Vaus, 2014). We ensure that a test is reliable when questions are answered in the same way on different occasions, if given to the same person with consistent answers (De Vaus, 2002). In this study an attempt was made to avoid poor wording and efforts were made to ensure that the coding was done as carefully as possible. However, even well-developed questions can cause problems of infidelity (De Vaus, 2014). Similarly, another type of fidelity problem may arise during coding, as different coders may code the same response in different ways. Therefore, interest focused on the coding process.

#### The qualitative dimension of research

Taking place during the Covid-19 pandemic, the research approach included, in the second part of the questionnaire, open questions, which allowed obtaining a qualitative perspective on the subject under study.

One of the open questions asked in the students' questionnaire concerns their perception of social networks, preceded by quantitative questions to which a conclusion had to be issued. The open-ended questions included in the teachers' questionnaire start from the question of whether they have experienced bullying in the online environment, a quantitative question answered with *yes* or *no* and others with open answers: in what form, how did they react, what do they think about social networks socialization etc. The parent questionnaire includes several open-ended questions starting with asking if the parent has been cyberbullied and specifying the bullying, continuing with the child's cyberbullying, the measures taken, and the parent's perspective on social media.

#### 3.2 Research Procedure

The research was carried out at the level of pre-university education units in Braşov county, from all localities and taking into account all cohabiting ethnicities. After completing the three questionnaires for students, parents and teachers, they were distributed online to all schools in the county. The fact that this research was carried out in the context of the Covid-19 pandemic determined the use of the online version of the questionnaire, which reached a large number of respondents. Three questionnaires were

created using Google forms: one for students, one for parents and one for teachers, and these were sent to the educational unit, which in turn distributed the specific links to the groups of students, teachers and parents. The period for completing the questionnaires was two weeks. At the end of the two weeks, the validity of the answers was checked and the data analysis was carried out.

#### 3.3 Ethical aspects in research with human subjects

Five ethical responsibilities were respected towards the participants: voluntary participation, informed consent, no harm, anonymity and data confidentiality (De Vaus, 2002). Voluntary participation means that the participant's willingness to take part in the research minimizes the risk of response bias.

The participants of this study were also informed about the present research and its purpose, although detailed information was not provided, so as not to direct responses. Over-informing participants about the study design, hypotheses and theories being tested can distort responses and undermine the validity of findings (De Vaus, 2002). When it comes to the *no harm principle*, we mean avoiding questions about family relationships, sexual behavior, unpopular attitudes, which can upset and embarrass respondents and create psychological harm (De Vaus, 2002).

Respect for the participants' integrity, freedom and right to participate was important in contacting the sample, while explaining to them that answering the questionnaire was voluntary and anonymous and that they were free to withdraw from the study at any time. Also, the results of this research will not be reused or used for reasons other than those decided and communicated from the beginning. Research participants were informed about the study, its purpose and their role in it, and at the same time they were assured of the researcher's respect for confidentiality.

## Critical considerations regarding the methodology in the case of the researched subject

The methodological difficulties are due to the fact that the methods used are mainly based on the reports of those involved in bullying incidents (aggressors, victims, peers, teachers or parents). These reports are characterized by subjectivity, as each party experiences bullying in different ways and experiences different emotions. Perhaps observation as a method of data collection would provide more objective results, but its

technical and practical difficulty is even more challenging. It is a fact, for example, that incidents of bullying are rare in a supervised environment.

In addition, we must realize that the questionnaire, as a research tool, has its limitations. It is more difficult for example for an attitude, experience or opinions to be expressed correctly when the subject has to answer a structured questionnaire (Gall et al., 2007). Furthermore, after the questionnaire is distributed, there is no possibility to modify the items, even if they are unclear to some respondents (Gall et al., 2007). Quantitative methods are also characterized as simplistic and unable to capture the realities of social life (Connolly, 2007) without the ability to focus on the unique words that respondents would use to describe a situation, narrative color, or even body language. It is not uncommon for some answers on a questionnaire to be incorrect, simply because the participant believes they are answering as they would be expected to answer, which is known as social desirability (Krumpal, 2013).

#### 3.4 Background, objectives, research questions and hypotheses

The objective of the present research is to investigate the phenomenon of bullying and cyberbullying in the school environment and their implications, from the perspective of students, parents and teachers.

The research questions based on the discussed specialized literature and which form the basis of the research approach are the following:

- Q1. To what extent is the phenomenon of *bullying* and *cyberbullying found* among the targeted school units?
- RQ2. What is the students' perception regarding the safety of the school environment?
- Q3. To what extent do parents perceive the family situation as a source of the child's aggression in the school environment?
- Q4. What is the perception of teachers regarding the sources and effects of *bullying* in schools?

The research hypotheses that arise from the questions and will be verified through the statistical analysis of the collected data are the following:

H1. At the level of the studied schools, the degree of perception of bullying among students is low.

- H1a. The level of perception of the fact that some students deserve to be teased/aggressed, at the level of the target group, is low.
- H2. The degree of safety felt by students in the school environment is high.
- H2a. In the case of bullying situations, students know, to a large extent, the school authorities they can turn to for help.
- H3. At the level of students' perception, bullying behaviors are associated with difficult family situations.
- H4. At the level of parents' perception, there is a direct and positive relationship between parental conflict/child neglect and bullying behaviors at school.
- H4a. Verbal and emotional violence among children are perceived by parents as behaviors taken from the family.
- H5. Parents associate children's negative emotions with the tendency of social isolation and disregard for one's own person.
- H6. Parents are largely concerned about the safety of their children in the school environment.
- H7. Teaching staff associate parents' lack of attention with aggressive manifestations in the school environment.
- H8. The prevalence of bullying observed by teachers in the school environment is low.
- H9. Teachers' experience with cyberbullying is limited.

The variables targeted in the assessment of the situation at the level of students include the attitudes and behaviors that are the basis of bullying, the students' perception of this phenomenon, the adaptation mechanisms that students resort to in situations when they feel negative emotions, prevailing attitudes from the victim pose, attitudes prevalent from the pose of aggressor or participant in bullying, the types of harassment/aggression they are subjected to online and determining the degree of exposure to the online environment and TV. Among the sample of parents, the variables include the perceptions regarding the reasons that lead to aggression in the school environment, the perceptions regarding the resolution of conflict situations and intercollegiate relations, the behaviors observed in children as a manifestation of negative emotions, the perception regarding the phenomenon of bullying in schools and the sources of this behavior. At the level of teaching staff, the studied variables represent the reasons behind bullying in schools, the perception of the phenomenon studied at the school level, the adaptation mechanisms observed among students as a manifestation of negative emotions, the

identification of behaviors from the students' victim position and from the pose of aggressor or participant in bullying.

#### CHAPTER 4. RESEARCH RESULTS

#### 4.1 Students' perspective

The sample of **3901 students** from whom the primary data on the topic addressed includes 48.5% students from secondary school, 27.9% students of theoretical high schools, real profile and in a lower percentage students of theoretical high schools, profile human (9.9%), vocational school (8.5%), dual education (3.1%), vocational education Art, vocational education Music, vocational education Sports, each with a percentage less than 1%. The composition of the sample according to the grade the students attend is quite varied, with information from students from 5th to 13th grades being analyzed.

The situations of *bullying* analyzed among students are diverse, the one that received the most nominations refers to the fact that the mother is not attentive when the child speaks to her (29%). 25.1% of students said they often feel ignored. Other situations that can cause *bullying* actions: "Your father is not attentive when you talk to him" - 23.1%, "Someone close to me has died" - 23%, "I think I am ugly" - 22.5%, "Your mother and father are arguing" - 21.2%.

The students were put in the position of choosing from a series of situations (statements) those that happen to them. Thus, 59.6% of students believe that life is unfair and full of dangers, 23.9% of students say that they do things that are not allowed, 22.8% of those who participated in the study believe that "Most of the time I believe that I'm bad", and 22.7% state that "friends/family sometimes behave better with me after I've been bullied".

In order to establish the relationship between the time spent on the Internet and the mode of action regarding Internet aggression, a Correspondence Table was made between the mentioned variables (Q11. While using the Internet: and Q21. How long do you stay on the Internet? – single answer).

To analyze the ways of helping in a situation of harassment according to gender, a Correspondence Table was made between the Q12 variables. In a situation of harassment/aggression/violence consider that you can get help from : and the gender variable.

In order to evaluate the ways to help in situation of harassment/aggression/violence depending on the area of residence, a Correspondence Table *O12* variables. was created between the In situation of harassment/aggression/violence consider that you can get help from : and the variable Residence (Urban/Rural).

#### 4.2 The teachers' perspective

The sample of teaching staff reached a volume of **634 people**, 76% full-time, 20.3% qualified substitutes, 3.6% unqualified substitutes, 77.4% from educational units in the urban environment, 60.9% also having managerial duties, most of them without a managerial position -89.9%. In terms of seniority in education, the composition of the sample is quite varied, the research summing up data from both novice teaching staff and those with more than 30 years of experience in the educational system.

The created sample includes both Romanian (92.7%) and Hungarian (6.3%), Roma, German or other ethnic teachers (0.3% each) and gathers data from 83.3 % women and 16.7% men.

According to teachers, the most common situations/reasons that could cause school aggression are related to arguments between parents (68.8%) that affect students, the fact that they are physically/emotionally/verbally attacked (66.1%) or they are harassed/teased/aggressed by classmates/schoolmates (64.2%). Constant lack of supervision by the family is an important factor for aggression among students for 60.7% of the teachers who answered the research questions. Other reasons for school aggression that gathered important values in the opinion of teachers are: Alcohol/drug consumption by parents - 58.5%, Divorce of parents - 56.5%, Ignoring the child by the family - 53.5% the fact that students are bullied/teased/aggressed by family members - 47.5%, they don't feel understood - 46.8%, they don't feel loved by their parents - 43.5%.

#### 4.3 Parents' perspective

For the research dedicated to parents, data was collected from **2,622 people**, 84.8% women, 15.2% men, most of them Romanian (94.9%), but Hungarians were also included (4.1%) of Roma or German ethnicity (each less than 1%); 73.8% are people living in urban areas, and 26.2% in rural areas. Among the 2622 parents who participated in the study, more than half are from families with 2 children (53.4%), almost a third are families with 1 child (29.9%) and only 4.4% come from families with more than 3 children.

In the perception of parents with children in secondary and high school education, the most important situations/ reasons that could cause school aggression are related to the fact that they are bullied/teased/aggressed by classmates/schoolmates (61.3%) or are physically/emotionally/verbally assaulted (57.3%). It was noted that arguments between parents affect children who become aggressive in the school environment, an aspect specified by 47.4% of parents. Also, when the children do not feel understood (43.5%) or in the situation of a divorce of the parents (41.8%) or alcohol consumption by one of the parents (41.5%) or when they are not constantly supervised by the family (40.4%) children may exhibit school aggression behaviors, in the parents' perception.

Parents participating in the study were asked to express their agreement or disagreement with several statements describing behaviors/habits within a family. Using a scale from 1 - Total agreement to 5 - Total disagreement, important information was obtained regarding how conflict situations and relationships with children are perceived.

The aim of the research was to highlight the perceptions of students, parents and teachers regarding the phenomenon of *bullying* and *cyberbullying* in the school environment. The data were obtained by means of three distinct studies carried out at the level of people among whom there is the probability of facing situations of aggression, thus both students and teachers as well as parents were included in the research, the approach and the analyzed theme being similar for every study conducted. The sample volume of the study dedicated to students amounted to 3901 people, that of parents to 2622 people, and the sample of the study conducted among teaching staff collected 634 people.

#### 4.4 Comparative perspective

In the following, data obtained from the three studied samples (among students, teachers and parents) will be presented on the major themes of the analysis, with the most important aspects for the present research being pointed out in particular.

#### Reasons for school bullying

The situations that can constitute reasons for school aggression analyzed among students are diverse, the one that received the most nominations refers to the fact that the mother is not attentive when the child speaks to her (29%), this being the situation that, according to the students, generates most often *bullying actions*. In proportion to 25.1%, students stated that they often feel ignored; other situations that can cause *bullying* actions in the students' perception are: "Your father is not attentive when you talk to him" -

23.1%, "Someone close to me died" - 23%, "I think I am ugly" - 22 .5%, "Your mom and dad are arguing" - 21.2%

If both students from *the urban environment* and those from the countryside claim that the most important situation that can generate school aggression is when the mother is not attentive when she is spoken to, for those from the countryside a greater importance is given to situations related to the physical appearance "I think I'm ugly," "My pet died," or "Someone close to me died." For those in the city, the situations that generate *bullying* are more related to the fact that they feel ignored, your father does not pay attention when he speaks to them, or they have lost someone dear in their life.

#### Behaviors/ Habits in the family

Parents participating in the study were asked to express their agreement or disagreement with several statements describing behaviors/habits within a family. Using a scale from 1 - Total agreement to 5 - Total disagreement, important information was obtained regarding how conflict situations and relationships with children are perceived. It was noted that when they have a problem, children turn to their mother more often to help them overcome it (81.4% chose total agreement or agreement for this statement), most parents choose not to argue in front of their children (60.3% chose strongly agree or agree with this statement) and almost half (47.7%) declare that they do not give the child anything on the "tray". Regarding arguments between siblings, 45.1% of parents agree that they resolve themselves, while 30.1% disagree (disagree or totally disagree) with this attitude towards conflict situations between siblings. Parents' opinions regarding physical corrections addressed to children are negative, i.e. they do not agree with the "ear" or "slapping" (60.9% disagree or totally disagree with this aspect) nor do they claim that the beating is broken from heaven (64.1% stated that they disagreed or strongly disagreed with this statement). Means obtained for the statements "Corrections such as 'slap' or 'ear' are normal" or "Beating is broken from heaven" are close to the maximum levels of the scale, which reinforces the idea that parents do not agree with such behaviors or skills in the family.

#### Resolving conflict situations

In the perception of 95.5% of parents, it is best to avoid conflicts and confrontations, this is the way they choose to educate their children, and "Revenge is the weapon of a fool" is a true statement in the perception of 80.2% of respondents. Parents

explain to their children that the world is unfair and full of dangers (79.9%), and good children never hit/offend/retaliate (67.3%). More than half of the parents claim that fighting is the last resort in case of a conflict situation (55.3%) and only 5.3% of the parents participating in the study accuse their children that it is only their fault if something bad happens to them .

#### Bullying attitudes: The victim pose

The research also wanted to highlight perceptions regarding certain situations of aggression. The students were put in the position of choosing from a series of situations (statements) those that happen to them, these situations illustrating the position of a victim in the case of a conflict. Thus, 59.6% of the students believe that "Life is unfair and full of dangers", 23.9% of the students say that they do forbidden things, 22.8% of those who participated in the study believe that "Most of the time I think I'm bad too", and 22.7% say that "friends/family sometimes behave better with me after I've been bullied".

Analyzing the data according to *the origin of the educational unit*, it is found that the teachers who teach in the rural environment believe in a higher proportion that the students in the victim pose are provocative or have some social benefits. While the teachers who teach in educational units in the urban environment (69.9%) believe in a statistically significantly higher proportion than those in educational units in the rural environment (57.9%) that the students in the victim pose they have a weak aspect from a biological or social point of view.

#### Bullying attitudes: Participant posture

A third of the children who answered the questions of this study believe that it is worth behaving mischievously with some children (33%), respectively 1289 students. Their share is higher among children in the 8th grade (40.9% of respondents in the 8th grade believe this), 9th (40.3%) and 10th (38,5%). In the perception of 14.6% of the students participating in the study "Some children deserve to be teased", and 11.4% state that "Some children deserve to be beaten/aggressed" or "I like to make other children do what I want". 295 students, respectively 7.6% "I don't see any problem, if I like, to harm other children"

The study also analyzed the parents' perception of how they deal with conflict situations from the position of participant in the conflict/aggression. More than <sup>3</sup>/<sub>4</sub> of parents believe that "In life you must not let yourself be trampled on", 82.1% of parents supporting this statement as true. 41.7% of parents advised their children to speak up if

they want to be heard and 33.8% of respondents to this study state that "I will always stand up for my child (no matter what he does)". Only 6.7% chose as true the statement "Everything belongs to my child" and only 3.5% do not let their children play with the ugly and stupid ones.

#### Possible consequences of witnessing violent scenes

When students witnessed scenes of violence or harassment in 44.7% of cases there were minimal consequences if found (reprimand/warning), and in 30% of cases there were no consequences. When the students were victims of scenes of violence or harassment in 40.1% there were no consequences, and in 37% of the situations the consequences were minimal if the incident was known. For students who actively participated in scenes of violence or harassment in 40.1% of cases nothing happened, there were no consequences, and in 36.6% of cases the consequences were minimal (reprimand or warning), if found of such situations.

In the case of parents, when they witnessed scenes of violence, in 49.4% of the situations the consequences were minimal (reprimand/warning), and in 21.7% of the cases there were no consequences. 18.7% of parents noticed that in the situations of aggression they witnessed there were serious consequences/consequences and 10.2% indicated that the aggressors were respected by most of the students.

When teachers witnessed scenes of violence or harassment in school, in 60.1% of cases the consequences were minimal (reprimand/warning), and in 35% of cases the consequences were serious. A quarter of the teachers noted the fact that in situations of aggression, violence in school, the aggressors were respected by most of the students (25.9%), and in the case of 9.6% of the teachers there were no consequences in following such situations.

#### **ConCluSIonS**

The present research brought to the attention of the respondents various themes regarding harassment, aggression, existing violence both in the school environment and in the online environment, these themes being addressed in the three studies carried out among the subjects of interest, namely students from Braşov schools and high schools, parents and teaching staff from educational units in Braşov county. The major themes had in mind the identification of the main reasons for school aggression, the attitudes of *bullying* from the position of a victim as well as from the position of a participant, the identification of perceptions regarding bullying/violence in school, the main sources of verbal, emotional and physical violence, opinions regarding some situations of aggression while using the Internet, support received in situations of harassment/aggression/violence, opinions on Internet aggression.

The objective of the present research is **to investigate the phenomenon of** bullying and cyberbullying in the school environment and their implications, from the perspective of students, parents and teachers.

The research questions and hypotheses based on the discussed specialized literature and which form the basis of the research approach are the following:

- Q1. To what extent is the phenomenon of *bullying* and *cyberbullying found* among the targeted school units?
- RQ2. What is the students' perception regarding the safety of the school environment?
- H1. At the level of the studied schools, the degree of perception of bullying among students is low.
- H1a. The level of perception of the fact that some students deserve to be teased/aggressed, at the level of the target group, is low.
- H2. The degree of safety felt by students in the school environment is high.
- H2a. In the case of bullying situations, students know, to a large extent, the school authorities they can turn to for help.
- H3. At the level of students' perception, bullying behaviors are associated with difficult family situations.
- Q3. To what extent do parents perceive the family situation as a source of the child's aggression in the school environment?

H4. At the level of parents' perception, there is a direct and positive relationship between parental conflict/child neglect and bullying behaviors at school.

H4a. Verbal and emotional violence among children are perceived by parents as behaviors taken from the family.

H5. Parents associate children's negative emotions with the tendency of social isolation and disregard for one's own person.

H6. Parents are largely concerned about the safety of their children in the school environment.

### Q4. What is the perception of teachers regarding the sources and effects of *bullying* in schools?

H7. Teaching staff associate parents' lack of attention with aggressive manifestations in the school environment.

H8. The prevalence of bullying observed by teachers in the school environment is low.

H9. Teachers' experience with cyberbullying is limited.

Although the present research involves only one research method, and the data were analyzed from a quantitative, descriptive perspective, intended to map the perceptions of the three samples involved in the bullying *phenomenon* and *cyberbullying* at the level of the studied community, the relevance of the approach derives from the large volume of data collected and the implementation of a methodology that can be replicated at the level of several communities, but also in several waves of the research. This last aspect can be particularly valuable for a more accurate picture of the evolution of the studied phenomenon, but also for the foundation of future public policies, at the level of institutions interested in and responsible for managing this phenomenon.

#### Limits and prospects for research development

The methodology used in the present study has inherent limitations, given the quantitative nature of the data and the lack of representativeness of the sample. The volume of data collected is significant, but the three samples of subjects are convenience, non-probabilistic. Also, it is precisely the non-probabilistic nature of the sample that generates the descriptive nature of the statistical analysis of the data, as no statistical tests were performed to attest the level of significance of the relationships between the studied variables. Given the sensitive nature of the topic studied, the initial methodology included

a mixed, quantitative-qualitative approach, but the unforeseen emergence of the pandemic drastically limited the possibility of implementing a qualitative methodology. The data interpreted in this study represents a fraction of the volume of data collected and will be interpreted later. The survey was conducted again a year later with the same questionnaire. The research will continue with the parallel interpretation of these data and the initiation of a qualitative study on this topic. Also, for future developments, more geographical areas can be included and advanced analyzes can be carried out, which will allow for an overview, at the national level, of the phenomenon of bullying *and* cyberbullying.

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