A Scrutiny on the Changes in the Self-Respect, Anxiety, and Depression Levels of the University Students Performing Individual and Team Sports

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Received: May 3, 2019
Accepted: May 17, 2019
Online Published: May 22, 2019
doi:10.5430/ijhe.v8n3p117
URL: https://doi.org/10.5430/ijhe.v8n3p117

Abstract
The objective of this study is to examine the changes in the self-respect, anxiety, and depression levels of the sportspeople studying at various departments of Selçuk University. The study group is constituted by totally 280 university students, 106 of whom doing individual and 174 doing team sports, being 123 females and 157 males. In the acquisition of the data, “Beck Depression Scale, Rosenberg Self-Perception Scale, and Beck Anxiety Scale were used. The diagnostic statistics of the data were conducted and their homogeneity and variances were tested. In the analysis of the data, Independent Samples t test was used and Pearson Correlation analysis was conducted. While no statistical change was observed in line with the age and accommodation factors, statistical significant changes were identified in the case of self-respect, anxiety and Depression levels in line with the gender and the type of sports done (p<0.05). It is contemplated that the changes between the female and male students stem from the cultural structure in addition to the social structure, social responsibility, and duties, and it can be said that the reason for the values of self-respect, anxiety, and Depression in students performing team sports are more positive than those of the students doing individual sports arises from the specific structure of the sportive branches.

Keywords: university student, anxiety, self-respect, depression, sports

1. Introduction
The concept of sports has been considered as the source of numerous senses, such as peace, friendship, and fellowship, within the historical process. Participation in sportive activities, interest, and sports culture lie in the foundations of social health. Many sportive branches performed individually and in a team are substantial and sociological entities for both the performers of them and the persons interested in them in different dimensions. It appears that tens of summer and winter sports are included in the Olympic branches of sports on the webpages of the World Olympic Committee (https://www.olympic.org/sports-access_01-05-2019). In the individual branches of sports, the sportsperson is the only responsible one for the performance he/she exhibits. In line with the specific structure of the branch of the sports, the stress and anxiety they experience can come in varied forms. Başer (1998) states that as required by the sportive branch performed by sportspeople, they tend to solve their problems by themselves and that it is required for them to solve the problems they encounter in their everyday lives by themselves without receiving assistance, just like in the competitions. In addition, Başer's point of highlight is that in team sports, the sharing of responsibility safeguards sportspeople from being overly exhausted and that the features like the ability of working with a team, of collaborating, and sharing success and failure might stand out. Whatever the structure and function of the sportive branch performed are, it is certain that they enrich the societal structure and reduce harmful emotions and behaviors in individual and social grounds. Sportive activities affect the emotions and behaviors like anger, aggression, stress, anxiety, and depression, positively depending on the objectives of performing them.

Despite their difference in view of the social structure and cultures, some age groups and periods have highly critical importance in terms of the direction of some emotions and behaviors. Turkish Statistical Institute [TUIK] (2018) specifies that the population of Turkey is 80,810,525 as of the end of 2017 and that the young population of 15-24 years constitutes 16% of such population, with 12,983,097 individuals.
University-level youth is very important as it takes place in the foregoing age group and contains the secondary period of puberty. Karagözoglu, Kahveci, Koç and Adamoğlu (2008) mentioned that an university is an ambiance with an extremely important role in the preparation of the young ones for the lives of adults and professional life along with it and that the university educational process has vital importance in both the academic success and identity development of students. At this critical phase, the university youth are obliged to complete their education, prepare for the future, and keep up with a new life in a new environment. It is an obligation that the education culture is based on sturdy foundations for them to be affected by negative emotions and behaviors to the least extent. What matters is not the presence of the emotions and behaviors like anxiety, fear, depression, and stress but the ability to control them and ensure the accurate inclination.

World Health Organization [WHO] (2015) The European Mental Health Action Plan has underlined that the mental health issues including depression, anxiety, and schizophrenia are the basic reason for disability and retirement in many countries. It states that more than 300-million people in the world and 3,260,000 people (4.4% of the population) in Turkey are experiencing depression. Particularly the young population find it difficult to keep up with the rapidly changing means and cultural structure. In the report, suicide is specified to be second most frequently encountered reason of fatality among young ones in the world. American Psychological Association [APA] (2013) defines depression as a mental disease that poses problems in the interpersonal relations, in the functionality in the daily life, and in productivity. The works regarding the fact that depression is a state of psychological collapse and that people experiencing it enjoy life less (Jackson, 2008; Gilbert, 2007; Doğan & Çetin, 2008; Kőrösi & Güleç, 1997) are in considerable amounts. Göğüş (2000) states that in depressive disorders, thoughts of suicide in addition to the feelings of despair can be encountered and about 10-15% of the suicide cases end up with fatality. Such individuals approach to the new opportunities in their lives, without emotion, rather than being excited about them. They are frozen toward humorous jokes. They act without interest in new things, rather than being curious about them. They criticize themselves and become sad rather than angrily reacting to a abuse (Beck, 1976). It is also reported that the sense of depression affects the senses, thoughts, behaviors, and physical functions of the individuals simultaneously, that it is caused by low social status (Nolen-Hoeksema, 2009), and that the reduction of the close social relations is among the reasons causing depression (Comer, 2013).

Individuals might experience the sense of anxiety against the probable threats that they might encounter in their everyday lives. There are lots of studies in the literature, regarding the negative impact of anxiety disorder on individuals and societies (Işık & Işık Taner, 2006; Rachman, 2004; Michael, Zetsche & Margraf, 2007; Kring, Johnson, Davison & Neale, 2014; Nolen-Hoeksema, 2009; Kessler, Ruscio, Shear & Wittchen, 2010). Anxiety is a state of fear that accommodates emotion-behavior and physical symptoms and whose reason is not clear and anxiety has been defined as the “attack of fear” containing the evaluation of a dangerous situation (Beck, 2005). Michael, Zetsche & Margraf (2007) state that in 75% of the patients diagnosed with lifelong anxiety disorder, another mental disorder is also observed. Craske and Waters (2005) mention that such negativity experienced in the childhood period is a serious risk and factor of proclivity for the anxiety disorders that will be encountered in the periods of puberty and adulthood. It is also expressed that anxiety is experienced in individuals as a result of a threat relating to the outside factors (Smith & Lazarus, 1990), that the threat felt is oriented to the basic instincts like sufficiency, control, and self-respect (Fiske & Morling, 1996), and that it appears generally through moderate -level stimulation (uneasiness, physiological tension) (Kringle et al., 2014).

Beck, Emery and Greenberg (2011) define the evaluation made at the very first moment concerning the information incoming from the surroundings as primary evaluation and state that in the process referred to as the secondary evaluation, the required resources for dealing with the state of a possible threat is reviewed. Beck (1976) considered fear and anxiety as a factor that ensures that an individual becomes alert in risky situations. Being alert constantly might trigger numerous negative emotions and behaviors. As a result, the intensity of the anxiety state depends on the balance between the primary process in which the person evaluates the threatening situation and the secondary process in which the ability of coping with the possible threat and security condition is evaluated (Beck et al., 2011).

Rosenberg et al., (1989) specifies that self-respect forms through social comparisons and individual evaluations. Lián (2008) points out that self-respect means how an individual feels. Self-respect is expressed with many concepts like a person's self-confidence as much as his/her self-respect, his/her self-acceptance and value, his/her self-liking, his/her self-approval, his/her self-contentedness, and his/her consideration that he/she is worth being loved (Esenay, 2002; Yüksekkkaya, 1995; Román, Cuestas & Fenollar, 2008). İkiz and Savi Çakar (2010) state that the criteria defining self-respect are very important for an individual to develop a healthy personality. Kernberg (2009) mentions that the importance of the pathological relation developed with the object of love, in terms of the regulation of self-respect, has been observed as one of the descriptors of depression along with the deprivation of that object of love.
Baltaş (2006) emphasizes that when individuals are able to control their emotions, they might have a good life quality by minimizing the set of negative emotions, such as stress, anxiety, fear, and worry they encounter, as much as possible. The importance of sportive activities is quite substantial in controlling the extremes in the emotions and behaviors, such as anxiety, fear, depression, stress, violence, and aggressiveness affecting the youth of university negatively. Sportive activities affect our self-respect positively in addition to our ability to control our emotions and behaviors. It is contemplated that the study oriented to the changes in the self-respect, anxiety, and depression levels of the university students doing individual and team sports will shed a light to the studies to be conducted subsequently in different scopes and dimensions.

2. Material and Method

2.1 Study

The study group is constituted by totally 280 university students, 106 of whom doing individual and 174 doing team sports, being 123 females and 157 males, studying at various departments of Selçuk University in the 2017-2018 school year.

2.2 Measurement Tools

2.2.1 Beck Depression Scale (BDS)

“Beck Depression Scale” developed by Beck, Ward, Mendelson, Mock and Erbaugh (1961) whose validity and reliability study for Turkish language was conducted by Hisli (1989) was used in the assessment of depression. It consists of 21 articles questioning the symptoms of depression such as sadness, pessimistic viewpoint, sense of guilt, and lack of appetite. Each article consists of 4 expressions specifying the level of the symptoms, whose score varies between 0 and 3. Total 0-9 points is considered that there are no depression symptoms, while 10-16 points mark low level, 17-29 points moderate level, and 30-63 points severe level of depression symptoms.

2.2.2 Beck Anxiety Scale (BAS)

“Beck Anxiety Scale” developed by Beck, Epstein, Brown and Steer (1988) whose validity and reliability study for Turkish language was conducted by Ulusoy, Şahin and Erkmen (1998) was used in the determination of the anxiety level. The scale questions the frequency of the 21 anxiety symptoms happened in the last one week, such as “warmth, going hot all over” and “trembling hands.” For each anxiety symptom, there are 4 options as “never,” “low level,” “moderate level,” and “severe level” whose score varies between 0 and 3 by increasing progressively. Total 0-7 points show the presence of no anxiety disorder symptoms and 8-15 points show low, 16-25 points show moderate, and 26-63 points show severe-level anxiety disorder symptoms.

2.2.3 Rosenberg Self-Respect Scale (RSRS)

“Rosenberg Self-Respect Scale” developed by Rosenberg (1965) whose validity and reliability study for Turkish language was conducted by Çuhadaroğlu (1986) was used in the determination of the self-perception. In the scale, there are 12 sub-categories and totally 63 expressions, being in different numbers in each category. The subcategories are self-respect, continuity of the concept of being self, trust in humans, sensitivity toward criticism, depressive emotions, fancifulness, psychosomatic symptoms, feeling threat in interpersonal relations, ability to take part in discussions, attention of parents, relation with father, and psychic isolation. In our study, the first category that measures only self-respect was used. In the first category, there are 10 expressions concerning the consideration of the self as valuable or important. Each of those ten expressions have 4 options as “very right,” “right,” “wrong,” and “very wrong.” The options are scored in an order that vary between 0.17 and 1, progressively increasing from “very right” to “very wrong.” If the total score received from the first 10 expressions is 0–1, the self-respect is high, it is moderate if 2–4, and it is low if 5–6.

2.3 Analysis of the Data

The diagnostic statistics of the data were conducted and their homogeneity and variances were tested. In the analysis of the data, Independent Samples t test was used. Cronbach Alpha value was determined as 64 for the Rosenberg Self-Perception Scale, 71 for the Beck Depression Scale, and 63 for the Beck Anxiety Scale.
3. Findings

Table 1. Changes in the self-respect, depression, and anxiety depending on the gender factor

| Gender | n   | Self-Respect | Depression | Anxiety |
|--------|-----|--------------|------------|---------|
|        |     | x            | Ss         | x       | Ss      | x       | Ss      |
| Female | 123 | 1.17         | 0.77       | 12.79   | 6.53    | 17.07   | 5.56    |
| Male   | 157 | 0.99         | 0.90       | 11.29   | 5.42    | 15.29   | 5.04    |
| Total  | 280 | 1.07         | 0.85       | 11.95   | 5.97    | 16.08   | 5.34    |
| P      |     | .069         |            | .037*   |         | .005*   |         |

* Significant difference among the groups (p<0.05).

As it will be seen in Table 1, while no change was observed in the self-respect averages of the female and male students, it was determined that the depression and anxiety averages of the females are higher than males (p<0.05).

Table 2. Changes in the self-respect, depression, and anxiety depending on the type of sports performed

| Type of Sports | n   | Self-Respect | Depression | Anxiety |
|----------------|-----|--------------|------------|---------|
|                |     | x            | Ss         | x       | Ss      | x       | Ss      |
| Individual     | 106 | 1.67         | 0.85       | 13.66   | 6.53    | 17.78   | 5.67    |
| Team           | 174 | 0.70         | 0.61       | 10.91   | 5.35    | 15.03   | 4.85    |
| P              |     | .001*        |            | .000*   |         | .003*   |         |

* Significant difference among the groups (p<0.05).

As it will be understood in Table 3, the self-respect, depression, and anxiety averages of the students performing individual sports is statistically high, compared to the students performing team sports (p<0.05).

Table 3. Self-respect, depression, and anxiety correlation changes

| Correlations          | Rosenberg Self-Perception | Beck Depression | Beck Anxiety |
|-----------------------|----------------------------|-----------------|--------------|
| Pearson Correlation   | 1                          | .130*           | .146         |
| Sig. (2-tailed) N     | 280                        | 280             | 280          |
| Pearson Correlation   | .130*                      | 1               | .071         |
| Sig. (2-tailed) N     | 280                        | 280             | 280          |
| Pearson Correlation   | .146*                      | .071            | 1            |
| Sig. (2-tailed) N     | 280                        | 280             | 280          |

*. Correlation is significant at the 0.05 level (2-tailed).

As it will be seen in Table 3, it was determined that the changes in the correlation values between self-perception, depression, and anxiety are significant (p<0.05). It is observed that the depression and anxiety values increase as long as the self-perception reduces.

4. Discussion and Conclusion

In this study where the changes in the self-respect, anxiety and depression levels of the university students conducting individual and team sports are scrutinized, no change was observed between the self-respect averages of the female and male students in line with the gender factor, while it was determined that the depression and anxiety averages of the females are higher than males (table 1). In its report, WHO (2012) specifies that depression is a
leading health problem in both genders but it is observed 50% more in females than in males. While studies regarding the fact that the depression and anxiety levels of females are higher than males (WHO 2015; WHO 2012; Arkoç 2019; Kaya, Genç, Kaya & Pehlivanoğlu, 2007; Alfaris, Naghma Naeem, Irfan, Qureshi & Van Der Vleuten, 2014; Reyes-Rodriguez, Rivera-Medina, Camara Fuentes, Suarez-Torres & Bernal, 2013; Hasegawa, Hattori, Nishimura & Tanno, 2015; Esen, 2014) are encountered, it is also possible to see studies (Ören & Gençdoğan, 2007; Özdel L, Bostancı, Özdel O & Oğuzhanoglu, 2002; Kontoangelos et al., 2015; Ahmadi & Ahmadi, 2002; Kontoangelos et al., 2015; Ahmadi et al., 2005; Hastürk & Şen, 2011; Yıldırım & Şahin, 2018) reporting the presence of no difference. It was determined that the self-respect average values were at moderate level in females, at high level in males, while the depression average values were at low levels in females and males and anxiety values are low in males and moderate in females (table 1). It is considered that the appearance of the depression and anxiety as higher in females is due to the social structure, status, roles, and the socio-cultural value stipulated by the society for females and males. Erman, Şahan and Can (2004) state that in the self-respect scores of the males and females, no statistical change was encountered. Such finding is supportive of the results of our study.

Depending on the sports performed, the averages of self-respect, anxiety, and depression levels in students performing individual sports are statistically higher than those of the ones involved with team sports (table 2). The studies on the positive impact of sports on emotions and behaviors (Azar, Ball, Solman & Cleland, 2010; Aylaz, Gülülü & Güneş, 2011; Slutzky & Simpkins, 2009; Yaman et al., 2008; Efe, Öztürk, Koparan & Şenşık, 2008; Küçük & Koç, 2004; Öztürk & Şahin, 2007; Otto, Smits & Reese, 2004; Karakaya, Coşkun & Ağaoğlu, 2005; Vardar SA, Öztürk, Vardar E & Kurt, 2005; Hastürk & Şenşık 2011; Yıldırım, Öşzhevik, Özer, Canyurt & Toropt, 2015; Akandere & Serdengeçti 2003) have had their own specific status in the literature. The individual and team sports have their own specific nature in line with their names and sportspeople have been affected from that nature. In view of the specific structure of the branch of the sports, the stress and anxiety they experience can come in varied forms.

Başer (1998) states that as required by the sportive branch performed by sportspeople, they tend to solve their problems by themselves and that it is required for them to solve the problems they encounter in their everyday lives by themselves without receiving assistance, just like in the competitions. In addition, Başer's point of highlight is that in team sports, the sharing of responsibility safeguards sportspeople from being overly exhausted and that the features like the ability of working with a team, collaborating, and sharing success and failure might stand out. It is possible to encounter some studies asserting that the individual sports affect subjective well-being positively compared to the team sports. Çağlayan (2015) that sports have positive impact on the university students' social anxiety and subjective well-being levels. Slutzky and Simpkins (2009) report that the children allocating more time to team sports than individual sports have higher self-respect than their peers and that the time consumed for sports affects such value positively. Yaman et al. (2008) found in their study titled “Impact of the Various Elite-level Sports Branches on the Physical Self-Perception” that the physical self-perception levels of table tennis players and oars people are higher than those of the players of volleyball. Dorak, Özşaker and Vurgun (2010) expressed that the states like group unity, teammate spirit, and solidarity that are inherent in team sports affect the self-respect of adolescent sportspeople positively. The findings of those studies are important as they are similar with the results of our study. It is also possible to encounter studies reporting no statistical difference between individual and team sports (Aktop & Erman, 2002; Çağlayan, 2011; Özdayı, 2019). Aydın (2018) mentions that the anxiety and avoidance behavior is more in the individuals experiencing difficulty in regulating their emotions. Wong, Lox and Clark (1993) state that the BSP of those engaged in team sports is higher than that of those involved with individual sports. Canan and Ataoglu (2010) specify that the depression scores of the team sportspeople are lower than individual sportspeople at statistically significant level. Kat (2009) encounters no difference in the stress levels of the individual sportspeople and team sportspeople but states that it was observed that individual sportspeople perceive themselves more sufficient in terms of problem solving than team sportspeople. Such findings are noteworthy as they are supportive of our findings toward the fact that the students performing team sports have more positive depression and anxiety averages than those of those students performing individual sports. It was determined that the self-respect average values are at moderate level in individual sports, high level in team sports; that the depression average values are at low levels in individual and team sports; that the anxiety values are at low level in team sports and moderate in individual sports (table 2). As team sports accommodate the behaviors like solidarity, sharing of responsibility, and collaboration, they can be considered as the reason of the more positive anxiety and depression scores compared to those performing individual sports.

It was determined in our study that the changes in the correlation values between self-perception, depression, and anxiety are significant (table 3). It is observed that as long as the scores of self-perception decrease, the scores of depression and anxiety increase. Angi's study (2018) reports a significant relation between, despair, depression, and anxiety. Parçal (2018) specifies a statistically significant reverse correlation between the self-confidence and anxiety

Published by Sciedu Press

ISSN 1927-6044  E-ISSN 1927-6052
averages of adolescents. Tekir, Yaşar, Çevik, Dikoğlu and Özsezer (2018) provide negatively and moderately significant relation between self-respect and Beck Depression Scale scores. It appears that the findings of the studies of Angı (2018), Parçal (2018) and Tekir et al. (2018) are supportive of the results of our study. Şeker (2018) Beck expresses a positive significant relation between depression and Beck Anxiety scores, which is parallel with the findings of our research. It can be said that the changes in the findings of the study arise from the study group, study area, and study dimensions. In our study, the fact that the decline in the self-respect value causes increase in the depression and anxiety scores is assessed as a noteworthy finding. It is certain that the sportspeople with self-respect will experience the emotions like depression and anxiety at lower levels.

It can be said that the reason for the higher depression and anxiety averages of the female university youth than the male one, despite their more positive points than males when it comes to self-respect, is the social status and roles encumbered on women and men, in addition to the social structure and cultural values. The presence of more positive self-respect, depression, and anxiety averages in the university youth doing team sports than those of the students performing individual sports can be explained through the properties like sharing, responsibility, and unity inherent in team sports. It is contemplated that for a youth with high self-respect and ability to control negative emotions and behaviors, the scope and dimensions of the studies conducted on depression need to be increased.

References
Ahmadi, J., Ahmadi, N., Soltani, F., & Bayat, F. (2014). Gender differences in depression scores of Iranian and German medical students. Iran J Psychiatry Behav Sci., 8, 70-3. PMID: 25798177.

Akandere, M., & Serdengeçti, C. (2003). Spor yapan ve yapmayan öğrencilerin depresyon düzeylerinin incelenmesi. Spor ve Tıp Dergisi, 1, 12-16.

Aktop, A., & Erman, K.A. (2002). Takım ve Bireysel Sporcuların Başarı Motivasyonu Benlik Saygısı ve Sürekli Kaygı Duzeylerinin Karşılaştırılması. 7. Uluslararası Spor Bilimleri Kongre Kitapçığı. Antalya.

AlFaris, E.A., Naghma Naeem, N., Irfan, F., Qureshi, R., & van der Vleuten, C. (2014). Student centered curricular elements are associated with a healthier educational environment and lower depressive symptoms in medical students. BMC Med Educ, 14, 192. https://doi.org/10.1186/1472-6920-14-192

American Psychiatric Association [APA]. (2013). Desk Reference to the Diagnostic Criteria From DSM-5. American Psychiatric Association, Arlington, VA.

Angı, U. (2018). Üniversite öğrencilerinde umutsuzluk düzeyleriyle depresyon ve anksiyete belirtilerinin ilişkisinin incelenmesi. Üsküdar Üniversitesi Sosyal Bilimler Enstitüsü Klinik Psikoloji Anabilim Dalı, Yüksel Lisans Tezi, İstanbul.

Arkoç, M. (2019). Üniversite öğrencilerinde sporun depresyon, anksiyete ve umutsuzluk düzeyi üzerindeki etkisinin incelenmesi. Üsküdar Üniversitesi Sosyal Bilimler Enstitüsü Klinik Psikoloji Anabilim Dalı, Yüksel Lisans Tezi, İstanbul.

Aydın, M. (2018). Üniversite öğrencilerinde duygusal düzenlemeye güçlüğün ve sosyal kaygı arasındakii ilişkinin araştırılması. Üsküdar Üniversitesi Sosyal Bilimler Enstitüsü Klinik Psikoloji Anabilim Dah, Yüksel Lisans Tezi, İstanbul.

Aylaz, R., Güllü, E., & Güneş, G. (2011). Aerobik yürüme egzersizin depresif belirtilere etkisi, DEUHYO ED, 4(4), 172-177.

Azar, D., Ball, K., Solman, J., & Cleland, V. J. (2010). Physical activity correlates in young women with depressive symptoms: a qualitative study. International Journal of Behavioral Nutrition and Physical Activity, 7(3), 1-11. https://doi.org/10.1186/1479-5868-7-3

Başer, E. (1998). Uygulamalı Spor Psikolojisi, Bağrınan Yayınevi. Ankara; 121.

Baltas, Z. (2006). Duygusal Zeka. Remzi Kitapevi. İstanbul.

Beck, A.T., Epstein, N., Brown, G., & Steer, R.A. (1988). An inventory for measuring clinical anxiety: psychometric properties. J Consult Clin Psychol., 56(6), 893-897. https://doi.org/10.1037/0022-006X.56.6.893

Beck, A.T., Ward, C., Mendelson, M., Mock, J., & Erbaugh, J. (1961). An inventory for measuring depression. Arch Gen Psychiatry, 4(6), 561-571. https://doi.org/10.1001/archpsyc.1961.01710120031004

Beck, A. T., Emery, G., & Greenberg, R.L. (2011). Anksiyete Bozuklukları ve Fobiler: Bilişsel Bir Bakış Açısı (2.Baskı). (V. Öztürk, Çev.). İstanbul: Litera Yayıncılık. (Orijinal çalışma basım tarihi 1985.)
özme becerisi algısı üzerine düzenli sporun
Tıp Fakültesi Psikiyatri Anabilim Dalı
-Ceylerin benlik saygısı puanlarının
şoğlu, D. (2008). Self esteem and assertiveness of final year Turkish
Published by Sciedu Press
Karagözoğlu, F. (1989). Beck depresyon ölçeğinin üniversite öğrencileri için geçerliği güvenilirliği.

Beck, A. T. (1976). Cognitive therapy and the emotional disorders. New York, NY: International Universities Press.
Beck, A.T. (2005). Bilişsel Terapi ve Duygusal Bozukluklar. (Çev. Türkcan, A.), Litera Yayncılık, İstanbul,
Canan, F., & Ataoğlu, A. (2010). Anksiyete, depresyon ve problem çözme becerisi algısı üzerine düzenli sporun
ektisi, Anadolu Psikiyatri Dergisi, 11(1), 38-43.
Comer, R.J. (2013). Abnormal Psychology. New York: Worth Publishers.
Craske, M.G., & Waters, A.M. (2005). Panic disorder, phobias, and generalized anxiety disorder. Annual Review of
Clinical Psychology, 1, 197-226. https://doi.org/10.1146/annurev.clinpsy.1.102803.143857
Çağlayan, N. (2011). Bireysel ve takım sporu yapanlar ile spor yapmayan bireylerin benlik saygıları puanlarının
karşılıkları, Abant İzzet Baysal Üniversitesi Sağlık Bilimleri Enstitüsü, Yüksek Lisans Tezi, Bolu,
Çağlayan, T. (2015). Sporun üniversite öğrencilerinin sosyal kaygı ve öznel iyi oluş düzeylerine etkisi, Selçuk
Universitesi sağlık bilimleri enstitüsü, Yüksek Lisans Tezi, Konya.
Çuhadaroğlu, F. (1986). Adolesanlarda Benlik Saygısı. Hacettepe Üniversitesi Psikiyatri ve Edebiyat Enstitüsü,
Doğan, T., & Çetin, B. (2008). Üniversite Öğrencilerinin Sosyal Zeka Düzeylerinin Depresyon ve Bazı
Değişkenlerle İlişkisinin İncelenmesi. Uluslararası İnsan Bilimleri Dergisi, 5(2), 1-19.
Durak, F., Ö兹saker, M, & Vurgun, N. (2010). Elit adolesan kız sporcuların benlik saygıları düzeylerinin incelenmesi,
Dokuz Eylül Üniversitesi Sağlık Bilimleri Enstitüsü, Antalya.
Efe, M., Öztürk, F., Koparan, Ş., & Şenışık, Y. (2008). 14-16 Yaş Grubu Erkeklerde Voleybol Çalışmalarının Sosyal
Yetkinlik Beklentisi ve Atılımlık Üzerine Etkisi. Uludağ Üniversitesi Eğitim Fakültesi Dergisi, 21(1), 69-77.
Emran, K.A., Şahan, A., & Can, S. (2004). Sporcu bayan ve erkeklerin benlik saygıları düzeylerinin karşılıkları, 8.
Uluslararası Spor Bilimleri Kongresi, Antalya.
Esen, C.A. (2014). Spor yapıcı ve yapmayan üniversite öğrencilerinin benlik saygıları ve atılımlık düzeylerinin
incelenmesi. (Muğla Sıtkı Koçman Üniversitesi Örneği). Muğla Üniversitesi Sosyal Bilimler Enstitüsü,
Esenay, F.I. (2002). Üniversite öğrencilerinde sağlık davranışlarının sosyal destek ve benlik saygıları ile ilişkisinin
incelenmesi. Dokuz Eylül Üniversitesi Sağlık Bilimleri Enstitüsü, Yüksek Lisans Tezi.
Fiske, S.T. & Morling, B. (1996). Controlling self and others: A theory of anxiety, mental control and social control.
Personality and Social Psychology Bulletin, 22(2), 115-124. https://doi.org/10.1177/0146167296222001
Göğüş, A.K. (2000). Depresyonun klinik belirtileri. Türk psikiyatri dizi, Duygu durum bozuklakları dizisi, 1(1),
Hasegawa, A., Hattori, Y., Nishimura, H., & Tanno, Y. (2015). Prospective associations of depressive rumination
and social problem solving with depression: a 6-
month longitudinal study. Psychol Rep., 116, 870-88.
https://doi.org/10.2466/02.20.PR0.116k28w7
Hastürk, M.O., & Şenışık, S. (2011). Düzenli egzersiz yapıcı ve yapmayan ergenlerde depresyon düzeylerinin
incelenmesi. Turkish Journal of Sport Medicine, 46(2), 39-46.
Hisli, N. (1989). Beck depresyon ölçeğinin üniversite öğrencileri için geçerliği güvendiğini. Türk Psikiyatri Dergisi,
7(23), 3-13. https://www.olympic.org/sports (erişim 01-05-2019)
İşık, E., & İşik Taner, Y. (2006). Çocuk, ergen ve erişkinlerde anksiyete bozuklukları. Asimetrik Paralel. İstanbul.
İkiz, F.E., & Savi Cahlar, F. (2010). Perceived social support and self-esteem in adolescence, Procedia Social and
Behavioral Sciences, 5, 2338-2342. https://doi.org/10.1016/j.sbspro.2010.07.460
Jackson, W.S. (2008). A History of Melancholia and Depression. In Eds. E.R. Wallace IV, J. Gach. History of
Psychiatry and Medical Psychology, New York, NY: Springer. PMID:27516703.
Karagözoğlu, Ş., Kahve, E., Koç, Ö., Adamsoğlu, D. (2008). Self esteem and assertiveness of final year Turkish
university students, Nurse Education Today, 28, 641–649. https://doi.org/10.1016/j.nedt.2007.09.010
Karakaya, I., Coşkun, A., & Ağaoğlu, B. (2005). Yüzükülerin depresyon, benlik saygı ve kaygı düzeylerinin değerlendirilmesi. *Anadolu Psikiyatri Dergisi*, 16, 40-45.

Kat, H. (2009). Bireysel sporcularla takım sporcularının stres düzeyleri ve problem çözme becerilerinin karşılaştırılması, Erciyes Üniversitesi Sağlık Bilimleri Enstitüsü, *Yüksek Lisans Tezi*, Kayseri.

Kaya, M., Genç, M., Kaya, B., & Pehlivän, E. (2007). Tip fakültesi ve sağlık yüksekokulu öğrencilerinde depresif belirti yaygını, stresle başaçıkma tarzları ve etkileyen faktörler. *Turk Psikiyatri Dergi.*, 18, 137-46.

Kernberg, O.F. (2009). An integrated theory of depression. *NeuroPsychoanalysis*, 11(1), 76-80. https://doi.org/10.1080/15294145.2009.10773598

Kessler, R.C., Ruscio, A.M., Shear, K., & Wittchen, H.U. (2010). Epidemiology of anxiety disorders. M. B. Stein & T. Steckler (Eds.) In Behavioral neurobiology of anxiety and its treatment. *Current Topics in Behavioral Neurosciences. New York: Springer Science*, 21-35. PMID:10405077. https://doi.org/10.1007/7854_2009_9

Kontoangelos, K., Tsiori, S., Koundi, K., Pappa, X., Sakkas, P., & Papageorgiou, C.C. (2015). Greek college students and psychopathology: new insights. *Int J Environ Res Public Health*, 12, 4709-25. https://doi.org/10.3390/ijerph120504709

Köroğlu, E., & Güleç, C. (1997). *Psikiyatri Temel Kitabı*. Hekimler Yemen Birliği, Ankara.

Kring, A.M., Johnson, S.L., Davison, G., & Neale, J. (2014). *Anormal Psikolojisi*, (Çev. M. Şahin), Nobel Akademik Yayıncılık, Ankara.

Küçük, V., & Koç, H. (2004). Psiko-Sosyal gelişim süreci içerisinde insan ve spor ilişkisi. *Dumlupınar Üniversitesi Sosyal Bilimler Dergisi.*, 10, 131–142.

Lian, T.C. (2008). Family Functioning, Perceived Social Support, Academic Performance and Self-Esteem, *Pertanika Sosyal Bilimler Dergisi*. http://jurnal.uns.ac.id/index.php/jurnal/index/issue/view/3

Lian, T.C. (2008). Family Functioning, Perceived Social Support, Academic Performance and Self-Esteem, *Pertanika Sosyal Bilimler Dergisi*. http://jurnal.uns.ac.id/index.php/jurnal/index/issue/view/3

Michael, T., Zetsche, U., & Margraf, J. (2007). Epidemiology of anxiety disorders. *Psychiatry*. 6, 136-142. https://doi.org/10.1016/j.mpssy.2007.01.007

Nolen-Hoeksema, S. (2009). *Abnormal Psychology*. New York: McGraw Hill Higher Education.

Noble, T., Zetsche, U., & Margraf, J. (2007). Epidemiology of anxiety disorders. *Psychiatry*. 6, 136-142. https://doi.org/10.1016/j.mpssy.2007.01.007

Özen, N., & Gençdoğan, B. (2007). Lise öğrencilerinin depresyon düzeylerinin bazı değişkenlere göre incelenmesi, *Kastamonu Eğitim Dergisi*, 15(1), 85-92.

Özduyak, N. (2019). Üniversite Öğrencilerinin Benlik Saygısının Bazı Demografik Bilgilerle Göre Incelenmesi, [ Examination Of The Self-Esteem Of University Students According To Some Demographic Information]. Spor Eğitim Dergisi, 3(1), 69-80. e-ISSN 2602-4756.

Özde, L., Bostancı, M., Özde, O., & Öğuzhanoğlu, N.K. (2002). Üniversite öğrencilerinde depresif belirtiler ve sosyo-demografik özelliklerle ilişkisi. *Anadolu Psikiyatri Dergi.*, 3, 155-61.

Öztürk, F., & Şahin, Ş. K. (2007). Spor yapan ve yapmayan 9-13 yaş grubu bireylerin sosyal yetkinlik beklentisi puanlarının karşılaştırılması. (Bursa Ümrani). *İlköğretim Online*, 6(3), 469-479.

Parçal, F. (2018). Ergenlerin sosyal anksiyete düzeyleri ile özgüven algıları arasındaki ilişkisinin incelenmesi, Halıç Üniversitesi Sosyal Bilimler Enstitüsü Klinik Psikoloji Anabilim Dali Klinik Psikoloji. *Yüksek Lisans Tezi*. İstanbul.

Rachman, J. (2004). *Anxiety Clinical Psychology: A Modular Course*. New York, Psychology Press.

Reyes-Rodriguez, M.L., Rivera-Medina, C.L., Camara Fuentes, L., Suarez-Torres, A., & Bernal, G. (2013). Depression symptoms and stressful life events among college students in Puerto Rico. *J Affect Disord.* 145, 324-30. https://doi.org/10.1016/j.jad.2012.08.010

Román, S., Cuestas P.J., & Fenollar, P. (2008). An examination of the interrelationships between self-esteem, others' expectations, family support, learning approaches and academic achievement. *Studies in Higher Education, 33*(2), 127–138. https://doi.org/10.1080/03075070801915882

Rosenberg, M. (1965). *Society and the adolescent self Image*. Princeton: Princeton University Pres. https://doi.org/10.1515/9781400876136
Rosenberg, R., Wirtz, R.A., Lanar, D.E., Sattabongkot, J., Tall, T., Waters, A.I. & Prasittisuk, C. (1989). Circumsporozoite protein heterogeneity in the human malaria parasite Plasmodium vivax. Science, 245, 973-976. https://doi.org/10.1126/science.2672336

Slutzky, C., & Simpkins, S. (2009). Exploring the mediating role of sport selfconcept. Psychology of Sport and Exercise, 10(3), 381-389. https://doi.org/10.1016/j.psychsport.2008.09.006

Smith, C.A., & Lazarus, R.S. (1990). Emotion and adaptation. In L. A Pervin (Ed.). Handbook of personality: theory and research. New York: Guilford.

Şeker, V.T. (2018). Sosyal medya bağımlılığı ile depresyon ve anksiyete arasındaki ilişki. Beykent Üniversitesi Sosyal Bilimler Enstitüsü Psikoloji Anabilim Dalı Klinik Psikoloji Bilim Dalı. Yüksek Lisans Tezi, İstanbul.

Tekir, Ö., Yaşar, Ö., Çevik, C., Dikoğlu, M., & Özsezer, G. (2018). Sağlık yüksekokulu öğrencilinin depresyon ve benlik saygı düzeylerinin incelenmesi. J DU Health Sci Inst, 8(1), 15-21.

Turkish Statistical Institute [TUIK]. (2018). İstatistiklerle Gençlik, Haber Bülteni, Sayı: 27598, www.tuik.gov.tr (erişim 01-05-2019).

Ulusoy, M., Şahin, N.H., & Erkmen, H. (1998). Turkish version of the Beck Anxiety Inventory: psychometric properties. J Cogn Psychother, 12(2), 163-172.

Vardar, S.A., Öztürk, L., Vardar, E., & Kurt, C. (2005). Ergen sporcu kızlarda egzersiz yoğunluğu ve öznel uyku kalitesi ilişkisi. Anadolu Psikiyatri Derg. 6, 154-162.

World Health Organization [WHO]. (2012). Depression a global public health concern. http://who.int/mental_health/management/depression/en/ (Erişim tarihi: 26.04.2019).

World Health Organization [WHO]. (2015). The European Mental Health Action Plan 2013–2020, ISBN 978 92 890 5095

Wong, E.H., Lox, C.L. & Clark, S.E. (1993). Relation between sports context, competitive trait anxiety, perceived ability, and self presentation confidence. Perceptual and Motor Skills. 76, 847–850. https://doi.org/10.2466/pms.1993.76.3.847

Yaman, Ç., Teşneli, Ö., Gelen, N., Koçu, S., Tel M., & Yalvarcı, N. (2008). Elit seviyedeği değişik spor branşlarının fiziksel benlik algısı üzerine etkisi. Uluslararası İnsan Bilimleri Dergisi, 13-16.

Yıldırım, İ., Özsevık, K., Özger, S., Canyurt, E., & Tortop, Y. (2015). Üniversite öğrencilinde fiziksel aktivite ile depresyon ilişkisi, Niğde University. Journal of Physical Education and Sport Sciences, 9, Special Issue, 32-39.

Yüksekkaya, S. (1995). Üniversite öğrencilinde benlik saygısının çeşitli değişkenler açısından incelenmesi. Ege Üniversitesi, Sağlık Bilimleri Enstitüsü, Yüksek Lisans Tezi.