



Article

Self-Compassion and Empathy as Predictors of Happiness among Late Adolescents

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Abstract: Happiness is a fundamental characteristic of life, helping individuals to become healthy and productive members of society. Pakistan has been ranked as the 67th happiest country out of 156 countries in the world. Self-compassion (SC) and empathy are considered some of the finest emotions and moral values of human beings leading to a happier life. This is the first study in South Asia that examined self-compassion as a moderator between empathy and happiness. Furthermore, we also determined self-compassion and empathy as predictors of happiness among late adolescents. Data collected from 566 students, selected randomly from different educational institutions in Lahore, suggested that self-compassion (r = 0.273) and empathy (r = 0.131) had a significant positive relationship with happiness. Self-compassion and empathy both significantly predicted happiness. Male adolescents had slightly higher self-compassion and mindfulness than females. Self-compassion (F (3, 562) = 29.74, P = 0.000) was found to significantly moderate the relationship between empathy and happiness. Self-compassion can be highly beneficial to relate to oneself, specifically for adolescents who are involved in developing their identities and self-worth, and it makes their transition from adolescence to adulthood easy.

Keywords: social science; self-compassion; empathy; happiness; well-being; late adolescent



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1. Introduction

Adolescence is a challenging time period for the individuals going through this phase; it follows numerous psycho-social and physiological changes (Backes and Bonnie 2019). Researchers identified a decrease in happiness during adolescence (Uusitalo-Malmivaara 2014; Chen 2020). Many adolescents report developing stress during adolescence (Endedijk et al. 2020), which may predict behaviour problems (Juruena 2014) and can increase the risk of psychiatric illness (Sheth et al. 2017). Several studies (Kyoung Hwang and Lee 2018; Mahmoodi et al. 2019) reported an inverse relationship between stress and happiness. As youth is one of the most important parts of the population for any nation because they contribute most to the development of the nation, it is requisite to ensure well-being and proper development during this age group. Thus, it is important to identify factors

that enhance the well-being of individuals during this time period. For this purpose, the current research explored self-compassion (SC) and empathy as predictors of happiness among adolescents. Self-compassion is a fundamental resource of happiness (persistent and meaningful life) (Barnard and Curry 2012), and empathy is linked positively with both happiness and well-being (Vinayak and Judge 2018).

1.1. Self-Compassion

Self-compassion (SC) is defined as "being open to and moved by one's own suffering, experiencing feelings of caring and kindness toward oneself, taking an understanding, non-judgmental attitude toward one's inadequacies and failures, and recognizing that one's experience is part of the common human experience" (Neff 2016). Higher levels of self-compassion are found to be associated with greater positive affect and life satisfaction, whereas it is negatively associated with aggression, perceived stress, rumination, and symptoms of depression and anxiety (MacBeth and Gumley 2012). Self-compassion helps individuals feel calm, cared for, and connected with people, thus promoting happiness (Gilbert 2005). Individuals with higher self-compassion levels reported being happier as compared to less self-compassionate individuals (Smeets et al. 2014). Self-compassion is linked with feelings of competence, connectedness, independence, and self-determination (Magnus et al. 2010), which are fundamental requisites of well-being and happiness. SC works as an emotion regulation strategy that helps people to handle negative emotions with kindness resulting in increased well-being (Neff 2004).

1.2. Empathy

One other factor that plays an important role in happiness is empathy. Empathy usually refers to "the ability to understand or share others' feelings and to respond with appropriate emotions" (Baron-Cohen 2011). It has been identified that empathy positively influences emotional well-being (Khajeh Amirhesam and Fatemeh 2014; Bourgault et al. 2015; Choi et al. 2016) and helps individuals to have a positive self-image and to maintain relationships (Chung 2014) that result in the happiness of the individuals. Research states that greater happiness results in improved health (Kushlev et al. 2020), long life (Diener and Chan 2011), life satisfaction (Nemati and Maralani 2016), and better social interactions (Quoidbach et al. 2019). Happiness focuses on "how people themselves feel and evaluate their lives on the whole; it is commonly referred to as subjective well-being because it captures well-being subjectively and comprehensively" (Hendriks and Bartram 2019). Positive psychology directed attention towards the positive constructs such as wellbeing, happiness, personal strengths, wisdom, creativity, imagination, and characteristics of positive experiences. Happiness has been identified as being well and experiencing gratification or as an inborn or satisfying experience (Myers and Diener 1995). Subjective well-being is a scientific term given to various forms of happiness (Diener 2016), which means happiness is a sentiment that shares the constructiveness of other positive measures causing subjective well-being.

1.3. Gender and Institution Type in Regards to Study Variables

The postulation that individual differences such as gender or institution type differ in the ability to be self-compassionate, empathetic (Singer and Lamm 2009), or happy is one of the common stereotypical beliefs still present. As per this stereotypic assumption, females are assumed to be more empathetic and interpersonally oriented than males (Christov-Moore et al. 2014). According to research, one of the possible factors is the cultural expectations regarding gender roles (Löffler and Greitemeyer 2021), which postulates that females are supposed to focus more on others, which is directly related to women being more empathetic (Chen et al. 2014). One other factor is the change in the physiological structure. As they grow older, women have greater levels of oxytocin hormone, which leads to more emotional empathy, whereas men have greater testosterone hormone, which is negatively related to empathy, thus leading to differences in empathy. These factors may

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also lead to gender differences in happiness as well as self-compassion, reporting females to have greater levels of anxiety, depression, and mood disorders as compared to men (Eaton et al. 2012). Similarly, several studies found males to have higher levels of happiness (Ading et al. 2012; Jaisri 2015; Kamthan et al. 2019) as well as self-compassion (Yarnell et al. 2015; Zessin et al. 2015; Muris et al. 2016) as compared to females.

1.4. Rationale of the Study

Empathy has a significant relationship with happiness (Meyzari Ali and Bozorgi 2016), which increases emotional as well as psychological well-being (Bourgault et al. 2015; Choi et al. 2016; Morelli et al. 2017). Empathetic individuals reported experiencing less negative affect and greater happiness and well-being (Tkach 2005). By being helpful and kind to others, people feel more connected and satisfied. Empathy helps individuals to have a positive self-image and to maintain relationships (Chung 2014), which result in the happiness of the individuals. The above studies concluded that being compassionate is beneficial for individuals and improves self-esteem and happiness. These all contribute to the general health and development of adolescents. Therefore, it is important to investigate these variables with reference to adolescents in Pakistan.

1.5. Study Hypotheses

The present research in this regard intended to test the following hypotheses:

- H₁: Male adolescents are more likely to have high levels of self-compassion, empathy, and happiness than female adolescents.
- H₂: There is likely to be a relationship between self-compassion, empathy, happiness, gender, and institute type of late adolescents.
- H₃: Self-compassion and empathy are likely to predict happiness.
- H₄: Self-compassion is likely to moderate the relationship between empathy and happiness.
- H₅: Self-compassion, empathy, and happiness are likely to be affected by an adolescent's gender and institute type.

2. Materials and Methods

The study was quantitative and utilized a cross-sectional research design. The sample included five hundred and sixty-six (N=566) late adolescents (both males and females) within an age range of 17–21 years, who were studying in various public and private educational institutes of Lahore, Pakistan. Sampling was done using probability random sampling.

2.1. Questionaries

The study data were collected using three instruments in addition to a demographic information sheet, which was used to obtain the information about the participant's gender and institute type, and a consent form delivered to each participant by hand who were then invited to complete the entire set of tools. Firstly, to measure the SC of participants the Self-Compassion Scale-Short Form (SCS-SF) developed by Raes, Pommier, Neff, and Van Gucht was used (Raes et al. 2011). The SCS-SF is comprised of 12 items. Items were rated on 5-point Likert scale ranging from "1," which means almost never, to "5," which means almost always. A total score was calculated by taking the mean of all 12 items after reverse-scoring negatively worded items (i.e., 1, 9, 4, 8, 11, and 12); higher scores indicated greater self-compassion and vice-versa. The Cronbach alpha reliability of this scale was measured to be 0.52.

Secondly, the Basic Empathy Scale (BES) developed by Jolliffe and Farrington was used to measure empathy among participants (Jolliffe and Farrington 2006). The BES contains a total of 20-items, out of which 9 measure cognitive empathy and the other 11 measure affective/emotional empathy. It is a 5-point Likert scale in which 1 means "strongly disagree" and 5 means "strongly agree." Averages were computed, after which

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higher scores indicated a high empathy level and vice versa. The Cronbach alpha reliability of this scale was measured to be 0.70. Lastly, the Subjective Happiness Scale (SHS) was used to measure participants' perceived happiness. This scale was developed by Lyubomirsky and Lepper and consists of 4 items (Lyubomirsky and Lepper 1999). Item number 4 was reverse-scored. The scale measured the construct on a 7-point Likert scale. Scoring was cumulative, and a higher score indicated greater happiness. The Cronbach alpha reliability of this scale was measured to be 0.65.

2.2. Ethical Approval

Certain ethical considerations were maintained during this research such as approval of the research proposal, which was received from the University of Home Economics, Lahore, Pakistan. Formal permission was granted by the corresponding authors for all three data collection instruments used in this research. Moreover, consent was also taken from participants, which stated that anonymity of their identity and confidentiality of the provided information was maintained. Participants were not harmed in any way (physically, psychologically) during the conduction of this study.

2.3. Data Collection and Statistical Analysis

For the data collection, a total of 6 educational institutes were selected from both public and private sectors. Then, for selecting the *n* number from the *N* number such that each participant has an equal chance of being selected, every 3rd student from each class was selected. For this, the researcher asked teachers for the attendance list of the students. These students were informed that they have been selected to participate in research and were asked to sign the consent form if they were willing to participate. As participants were not familiar with the variables of the research, the researcher told them the meaning of the variables and what they are intended to measure. Respondents took 10–15 min to fill all the questionnaires. To obtain more reliable responses, the researcher read all items one by one so that students could understand items and remained focused.

After completing data collection, the researcher examined the responses, and incomplete questionnaires were discarded. The total number of respondents approached was 659, out of which 93 questionnaires were discarded because of incomplete responses, and 566 questionnaires were taken as the final sample of the study. The finalized responses were entered in the "Statistical Package for the Social Sciences (SPSS)" software for data analysis. Firstly, composite scores for all measures were calculated in order to organize multiple correlated variables into meaningful information and to control type 1 error (Song et al. 2013). Descriptive as well as inferential statistics were applied for data analysis. Spearmen product coefficient correlation and regression coefficient were used to assess the relationship among study variables and to find an impact of self-compassion and empathy on happiness. Moreover, one-way ANOVA (for late adolescents' age and institute type) and an independent-sample t-test (for adolescent's gender) was computed to explore the effect of demographic characteristics on the study variables.

3. Results

3.1. Description of Participants

After discarding 93 questionnaires (as mentioned in the above section), a total of 566 questionnaires were analyzed, and the demographic characteristics showed that 54.1% of participants were females and 45.9% were males. The data contained 125 males and 221 girls from all-boys and all-girls institutes, respectively, whereas, 115 boys and 85 girls were from a co-education system.

3.2. Levels of Self-Compassion, Empathy, and Happiness among Late Adolescents (N = 566)

In order to test the 1st study hypothesis, i.e., that male adolescents are likely to have higher levels of self-compassion, empathy, and happiness than female adolescents, we firstly identified levels of all three variables into three categories, i.e., low, moderate, and

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high. For this, the mean scores for overall self-compassion, empathy, and happiness scales were computed. Then, to calculate the cut-off points for all these scales, we subtracted the maximum score of all scales (i.e., "5" for SCS-SF and BES and "7" for the happiness scale) with a minimum score of these scales (i.e., 1) and divided it by the intended number of categories (i.e., 3). Upon calculation, we obtained the interval value i.e., 1.33 (for SCS-SF and BES) and 2.00 (for the happiness Scale). After that, this interval value was added up to the three categories giving 3.67 (SCS-SF and BES) and 5.00 (happiness) for the moderate level and 5.00 (SCS-SF and BES) and 7.00 (happiness) for the high level. The results of the 1st hypothesis are presented in Figure 1. The findings show that male adolescents had comparatively higher levels of self-compassion (28.8%) and happiness (51.5%) but lower levels of empathy (40%) than female adolescents (19.6, 44.1, and 44.1% for self-compassion, happiness, and empathy, respectively). It also showed that the overall majority of late adolescents showed moderate levels of self-compassion (64.6; 70.6%) and empathy (58.8; 54.6%) but showed higher levels of happiness (51.5; 44.1%) for males and females, respectively. Thus, the 1st study hypothesis was partially accepted.

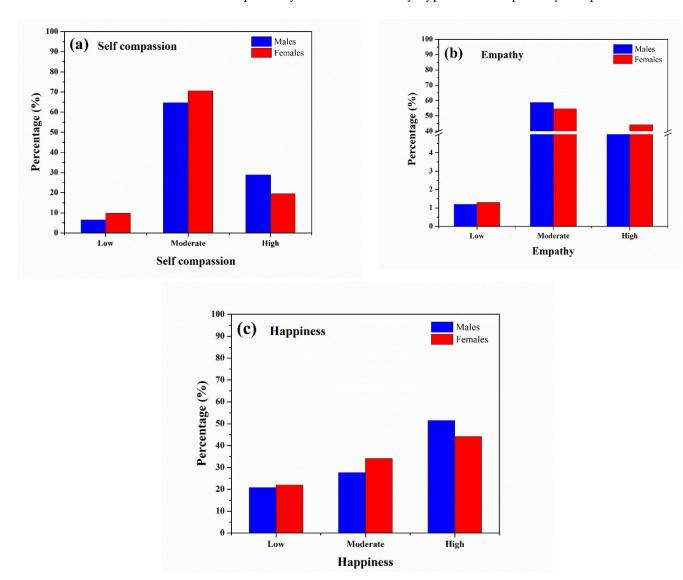


Figure 1. Levels of self-compassion, empathy, and happiness among males and females.

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3.3. Relationship between Late Adolescents' Gender, Institute Type, Self-Compassion, Empathy, and Happiness

A Spearman product coefficient correlation was conducted to test the 2nd study hypothesis, i.e., that there is likely to be a relationship between self-compassion, empathy, happiness, and demographic characteristics of late adolescents. For this, firstly, assumptions of the Spearman and Pearson coefficient correlation were checked, and it was found that the data contained some outliers, that it was not normally distributed, and that the majority of the variables showed a monotonic relationship; therefore, Spearman correlation was used. The results are shown in Table 1. The correlation revealed that self-compassion had no significant relationship with overall empathy (r = 0.59) but had a significant positive relationship with cognitive empathy (r = 0.147) and happiness (r = 0.273). It further showed a significant positive relationship of self-compassion with all its positive subscales, i.e., self-kindness (r = 0.512), common humanity (r = 0.447), and mindfulness (r = 0.495), and a significant negative correlation with all its negative subscales, i.e., self-judgment (r = -0.484), isolation (r = -0.479), and over-identification (r = -0.410). Furthermore, empathy revealed no significant relationship with self-compassion but had a significant positive relationship with its own subscales, i.e., cognitive and affective empathy (r = 0.877; r = 0.791 respectively) as well as with happiness (r = 0.131). Moreover, it was found that self-compassion and mindfulness had a significant negative relationship with gender. Overall empathy, as well as affective empathy, had a significant negative relationship with institute type, whereas gender revealed no relationship with happiness and empathy. Thus, hypothesis 2 was partially accepted.

3.4. Multiple Linear Regression

Multiple linear regression was applied to find the prediction of self-compassion and empathy for happiness (H₃). The results (Table 2) showed that an overall model was significant with (F (2, 563) = 35.224; p < 0.05). Furthermore, it indicated that self-compassion (β = 0.31, t (565) = 8.01, p < 0.00) and empathy (β = 0.08, t (565) = 2.17, p < 0.03) positively predicted happiness among late adolescents, meaning that the higher the level of self-compassion and empathy the higher was the levels of happiness. Overall, R^2 = 0.111 indicated that 11.1% variance in happiness was explained by self-compassion and empathy among late adolescents. Furthermore, Figure 2 shows the regression line between self-compassion and happiness as well as empathy and happiness. Thus, 3rd study hypothesis was accepted.

Table 1. Relationship between self-compassion, empathy, happiness, gender, and institute type of late adolescents (N = 566).

Variables	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Gender	-	-0.522 **	-0.096 *	-0.085 *	-0.017	-0.117 **	0.042	0.025	0.028	0.040	0.007	0.066	-0.058
2. InstituteType		-	0.023	0.061	058	0.070	0.058	-0.045	-0.020	-0.207 **	-0.082	-0.266 **	0.002
3. Self.Compassion			-	0.512 **	0.447 **	0.495 **	-0.484 **	-0.479 **	-0.410 **	0.059	0.147 **	-0.021	0.273 **
4. Self.Kindness				-	0.274 **	0.403 **	-0.051	0.099 *	0.090 *	0.109 **	0.150 **	0.051	0.238 **
5. Common.Humanity					-	0.151 **	0.010	0.005	-0.012	0.123 **	0.086 *	0.115 **	0.179 **
6. Mindfulness						-	-0.048	0.054	0.082	0.136 **	0.211 **	0.038	0.195 **
7. Self.Judgment							-	0.196 **	0.140 **	-0.124 **	-0.175 **	-0.053	-0.173 **
8. Isolation								-	0.325 **	0.185 **	0.114 **	0.190 **	-0.059
9. Over.Identification									-	0.183 **	0.114 **	0.179 **	-0.037
10. Empathy										-	0.791 **	0.877 **	0.131 **
11. Coginitive.Empathy											-	0.427 **	0.177 **
12. Affective.Empathy												-	0.057
13. Happiness													-

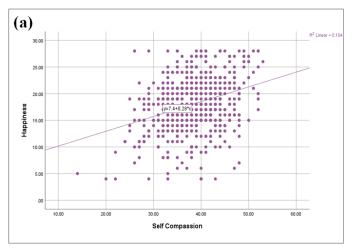
Note. ** p < 0.01. * p < 0.05.

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	В	SE	β	t	р	R^2
(Constant)	4.224	1.974		2.140	0.033 *	0.111
Self-Compassion	0.274	0.034	0.319	8.011	0.000 ***	
Empathy	0.048	0.022	0.087	2.176	0.030 *	

Table 2. Self-compassion and empathy as a predictor of happiness among late adolescents (N = 566).

Dependent variable: happiness. *Note.* *** p < 0.001. * p < 0.05.



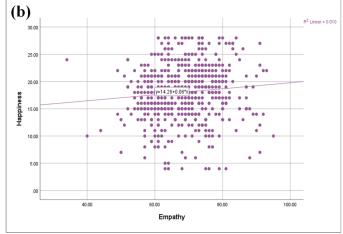


Figure 2. Regression plot of (a) self-compassion and happiness and (b) empathy and happiness.

3.5. Self-Compassion as Moderator between Empathy and Happiness

In order to check if self-compassion moderate empathy and happiness, Hayes PRO-CESS moderation analysis was conducted (Table 3), which revealed that the overall model was significant with p < 0.01; moreover, F(3, 562) = 29.74, p = 0.000 and $R^2 = 0.1370$ determined that 13.7% of the variance was caused by the predictor. The conceptual model is shown in Figure 3.

Table 3. Self-Compassion as a moderator between empathy and happiness (N = 566).

R	R^2	MSE	F	df1	df2	р
0.3702	0.1370	21.89	29.74	3	562	0.000 ***

Note. *** p < 0.001.

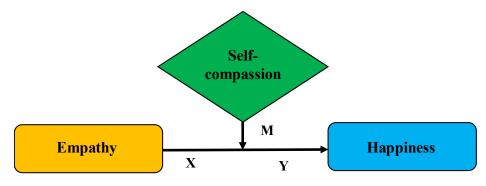


Figure 3. Conceptual model of self-compassion moderation.

Furthermore, we analyzed the effect of empathy on happiness having self-compassion as moderator. The model of self-compassion is shown in Figure 4. The results shown (Table 4) that the regression coefficient for the interaction effect of empathy \times self-compassion was statistically significant ($\beta = 0.0145$, t (562) = 4.099, p < 0.0001), which revealed that the

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relationship between empathy and happiness was significantly moderated by self-compassion, and the effect of empathy on happiness significantly depended on the effect of self-compassion on happiness.

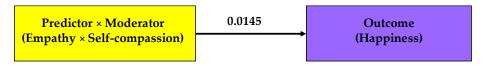


Figure 4. Model of self-compassion moderation.

Table 4. Effect of empathy on happiness and self-compassion as a moderator (N = 566).

	В	SE	t	p	LLCI	ULCI
Constant	42.6302	9.5686	4.4552	<0.000 ***	23.8356	61.4249
Empathy \times Self-compassion	0.0145	0.0035	4.0995	<0.000 ***	0.0076	0.0215

Note. *** p < 0.001.

Lastly, we checked the change in variance after the interaction effect of empathy and self-compassion on happiness (Table 5). The $\Delta R^2 = 0.0258$, p = <0.01 was statistically significant, which determined that the effect of empathy was significantly dependent on the effect of self-compassion, which, in return, affected individual happiness. Thus, this determined that individuals who are more empathetic and self-compassionate are happier, leading us to accept hypothesis 4.

Table 5. Interaction effect of empathy and self-compassion on happiness (N = 566).

	ΔR^2	F	df1	df2	р
Empathy \times self-compassion	0.0258	16.806	1	562	<0.01 **
Note. ** $p < 0.01$.					

3.6. Effect of Institute Type and Gender on Self-Compassion, Empathy, and Happiness

For testing of 5th study hypothesis, i.e., that there are likely to be differences in self-compassion, empathy, and happiness in relation to adolescents' gender and institute type, we computed a one-way ANOVA (for institute type) and an independent sample t-test (for gender). Table 6 shows that self-compassion, empathy, and happiness had significant mean differences in relation to adolescents' institute type. It also shows that institute type explained small variance in self-compassion ($\eta^2 = 0.034$), empathy ($\eta^2 = 0.044$), and happiness ($\eta^2 = 0.011$).

Table 6. Effect of late adolescents' institute type on self-compassion, empathy, and happiness (N = 566).

	All Girls (n = 221)	All Boys (<i>n</i> = 145)	Co-Education (n = 200)			
	M((SD)	M(SD)	M(SD)	F	р	η^2
Self-compassion	37.63 (5.73)	40.22 (5.78)	37.93 (5.72)	9.88	0.000 ***	0.034
Empathy	70.68 (9.45)	68.99 (8.31)	66.29 (8.63)	12.93	0.000 ***	0.044
Happiness	17.76 (5.06)	18.94 (5.23)	17.72 (4.76)	3.10	0.045 *	0.011

Note. *** p < 0.001. * p < 0.05.

Then, post hoc analysis (LSD) was conducted to explore which institute type results in more self-compassion, empathy, and happiness (Table 7). The results of LSD revealed that participants from all-boys institutions (M = 40.22; SD = 5.78) were more self-compassionate than participants from all-girls (M = 37.63; SD = 5.73) and co-education

institutions (M = 37.93; SD = 5.72). Participants from all-girls (M = 70.68; SD = 9.45) and all-boys (M = 68.99; SD = 8.31) institutions were more empathetic than participants from co-education institutes (M = 66.29; SD = 8.63). Moreover, participants of all-boys institutes (M = 18.94; SD = 5.23) were happier than participants of all-girls (M = 17.76; SD = 5.06) and co-education (M = 17.72; SD = 4.76) institutes. The graphical presentation of this has also been shown in Figure 5.

Table 7. Post hoc analysis (LSD) of late adolescents' self-compassion, empathy, and happiness with institute type (N = 566).

	Institute Type Group I	Institute Type Group J	Mean Difference I-J	р
Self-compassion	All Boys	All Girls Co-Education	2.58268 * 2.28569 *	0.000 *** 0.000 ***
Empathy	All Girls All Boys	Co-Education Co-Education	4.39278 * 2.69810 *	0.000 *** 0.006 **
Happiness	All Boys	All Girls	1.18465 *	0.027 *

Note. *** p < 0.001. ** p < 0.01. * p < 0.05.

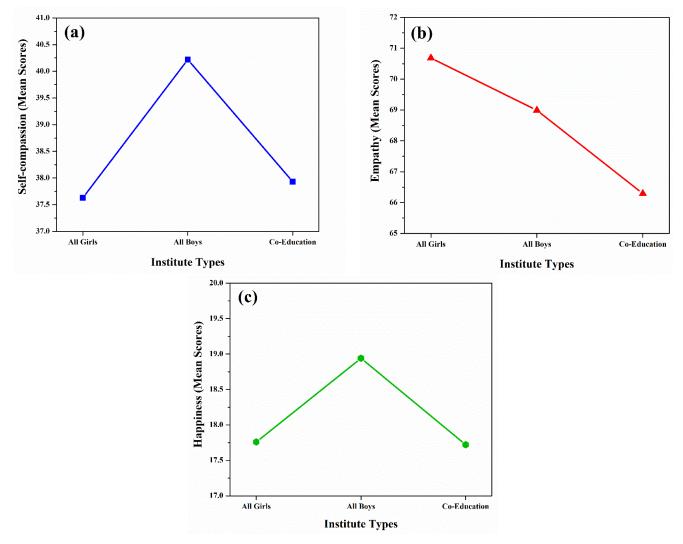


Figure 5. Comparison of **(a)** self-compassion, **(b)** empathy, and **(c)** happiness among adolescents from different types of institutes.

Furthermore, Table 8 shows that male adolescents were more self-compassionate than female adolescents. However, no significant differences were found in adolescents' empathy and happiness in relation to their gender. Moreover, the value of Cohen's d shows that gender explained a small variance in self-compassion (d = 0.20), whereas it had a trivial effect on empathy (d = 0.10) and happiness (d = 0.12). Thus, we partially accepted hypothesis 5.

Table & Effect of late adelescents	gondor on solf compassion	, empathy, and happiness $(N = 566)$.	
Table 8. Effect of late adolescents	gender on seit-compassion.	, empainy, and nappiness $(N = 500)$.	

	$\mathbf{Male} \\ (n = 260)$	Female (<i>n</i> = 306)				
	M(SD)	M(SD)	t	df	р	Cohen's d
Self-compassion	39.05 (5.97)	37.85 (5.67)	2.437	564	0.015 **	0.20
Empathy	68.18 (8.32)	69.14 (9.65)	-1.250	564	0.212	0.10
Happiness	18.38 (5.16)	17.76 (4.89)	1.457	564	0.146	0.12

Note. ** p < 0.01.

4. Discussion

Firstly, the current study found that male adolescents had higher levels of self-compassion and happiness but lower levels of empathy than female adolescents. Past studies reported mixed findings regarding levels of self-compassion and empathy, but analogous outcomes regarding levels of happiness among adolescents have been discovered. Researchers found similar results reporting low self-compassion (Yarnell et al. 2015) and well-being (happiness) (Bluth and Blanton 2015) in females than males. However, Muris and colleagues observed no differences in self-compassion between both genders (Muris et al. 2016). Similarly, researchers also reported a high score of empathy in young females as compared to young males (Garaigordobil et al. 2009). The current study found male adolescents to be happier than female adolescents. Similar results have been found in a previous study that found girls having lower satisfaction with life than boys (Moksnes and Espnes 2013). Similarly, several researchers found males to have higher levels of happiness as compared to females (Ading et al. 2012; Jaisri 2015; Kamthan et al. 2019). However, a study done by Sharma and colleagues found contrasting results reporting females having higher levels of happiness than males (Sharma and Gulati 2015).

This conflict in the findings may be the result of the difference in the sample as the present study explored happiness only among late adolescents, while the studies in contrast had samples with different age groups. Research suggests that such gender differences may be due to cultural expectations (Löffler and Greitemeyer 2021) or physiological structure (Chen et al. 2014). The current study discovered a non-significant association between self-compassion and empathy. These results are in line with the previous study done by Wei, which concluded similar results (Wei et al. 2011). However, some studies found contrasting results and detected a significant association between self-compassion and other focused concerns (empathetic concern) (Daltry et al. 2018). Moreover, the results revealed a significant positive relationship as well as the prediction of both self-compassion and empathy with happiness among adolescents. These outcomes are in line with prior studies on the prediction of happiness by self-compassion that found it to be a predictor of happiness and wellbeing (Barnard and Curry 2012). Another study evaluated the predictive role of self-compassion on happiness among students and detected a significant correlation between aspects of SC and found that it predicts happiness in people (Akin and Akin 2014).

Furthermore, the current study also found empathy as a predictor of happiness. Former researchers also discovered identical results. A study done by Vinayak and colleagues assessed the prediction of psychological well-being (PWB) by resilience and empathy among adolescents (Vinayak and Judge 2018) and found resilience and empathy to be

predictors of well-being among girls; whereas, for boys, only resilience was found to be a predictor of PWB. A study purported to explore the relationship between empathy, coping strategies, and the well-being of Spanish students concluded that understanding others emotions (affective empathy) and state of mind (cognitive empathy) as well as accepting one's own emotions (self-compassion) improve well-being (Carnicer and Calderón 2014). Another study investigated the level to which the Interpersonal Reactivity Index (a measure of empathy) sub-scales predicted psychological well-being in Japanese students and concluded that a component of empathy (perspective taking) enhances psychological well-being (Choi et al. 2016).

Furthermore, the present study discovered that self-compassion significantly moderated the relationship between empathy and happiness. No such evidence was found from previous literature, as, to the researcher's knowledge, to date no such study has been reported that evaluated SC as a moderator between empathy and happiness. However, several studies have evaluated SC as a moderator (Ferreira et al. 2014; Kelly et al. 2014; Homan and Tylka 2015). The effect of SC on empathy has also been well explored, and a significant association between SC and other focused concerns (empathetic concern) has been detected (Neff and Pommier 2013). A study that examined the association between SC and empathy among students found a significant association between both variables (Daltry et al. 2018). As the results of these studies indicate a positive effect of SC on empathy, which in turn increases happiness, we can conclude that SC positively moderates the empathy–happiness relationship. The study found significant differences in SC among male participants and female participants. Male adolescents had slightly higher self-compassion than female adolescents.

Past researchers have also found females having low self-compassion than males. A meta-analysis intended to identify self-compassion differences among genders concluded women having lower self-compassion than men (Yarnell et al. 2015). Previous studies detected low SC and well-being in elderly females as compared to younger males and females (Bluth and Blanton 2015; Bluth et al. 2017), whereas Muris discovered no differences in SC between both genders (Muris et al. 2016). The current study detected significant differences in self-compassion and empathy related to the institute type of late adolescents. Late adolescents who were studying at all-boys institutes had higher SC than adolescents who were studying at all-girls and co-education institutes. Adolescents from all-girls institutes were more empathetic than adolescents from all-boys and co-education institutes, and adolescents of all-boys institutes were more empathetic than adolescents from co-education institutes. To the best of the researchers' knowledge, to date there has been no research done on self-compassion, empathy, and happiness that compares it specifically with the institute type of participants.

Limitations and Recommendations

The study was limited to some facts, such as that this study only included healthy adolescents, and adolescents having any kind of physical or psychological illness were excluded. However, researchers suggested that SC is more needed in individuals who are challenged in any way, so this can be termed as a limitation of this study. Based on the findings of this study, some recommendations are suggested. For instance, the study evaluated the association of SC and empathy with happiness, but maybe this association becomes stronger or weaker with age or over time. It is suggested to conduct a longitudinal study on moderating the role of time, age, and other controlling variables on SC, empathy, and happiness. This study explored SC as a moderator between empathy and happiness. Future researchers are recommended to explore other potential mediators (virtues, character strengths) of the empathy–happiness relationship.

5. Conclusions

Self-compassion and empathy are considered amongst the distinctive ethics of humanity. These routes are of vital importance to life. On the basis of findings, the study concludes

that happiness increases when people understand themselves and give acceptance and care to themselves in critical times (self-compassion) and understand other thoughts and emotions and respond to them kindly (empathy). On the contrary, individuals who are less empathetic and less self-compassionate are more self-judgmental and self-criticizing, which makes them unhappy. Though being able to understand other people's thoughts and emotions (empathy) brings greater happiness, it is highly dependent on being able to understand oneself first (self-compassion). So, the emergence of both self-compassion and empathy must be the priority for parents and teachers to ensure greater happiness, specifically for adolescents who are in their critical developmental period (puberty) or experiencing a transition from adolescence to adulthood.

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