



A Research to Know the Personality (Extrovert/Introvert) of Engineering Sports Students in Relation to Socio-Economic Status of Their Families

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ABSTRACT: The study examined the relationship between the socioeconomic status of athletes and the personality(Extrovert/Introvert). One hundred and fifteen (115) athletes were randomly selected from various engineering schools affiliated to Punjab Technical University. The main objective of the study was to know the personality (Extrovert/Introvert) of Engineering Sports Students in relation to Socio-Economic Status of their Families: Eysenck Personality Inventory test and the socio-economic status scale of Rajbir Singh, Radhey Shyam and Satish Kumar was used to measure their socio-economic status. Conclusion: According to chi-square analysis and correlation coefficient study by Karl Pearson, there is no significant difference between Personality (Extrovert/Introvert) relationship and socio-economic status of cricket, football, Handball and hockey athletes of engineering colleges affiliated to Punjab University of Technology. A significant association was determined at a threshold of .05.

KEYWORDS: Personality, Extrovert, Introvert, Sports person, Cricket, Football, Handball, Hockey, Socio-economic

INTRODUCTION

Man's existence is largely physical in nature. Physical education is one of a child's first lessons learned. The quality and quantity of the motor activities that the human body engages in greatly influence its growth, development, and efficiency. The human body is a gift from nature. Muscle is the cradle of recognized mind, according to Sherrington, which appears to have emerged in association with the motor act where integration progressed and where motor conduct gradually grew, mind gradually evolved. The foundation of "intelligent conduct" is sufficient muscle activity, which is more than just a biological requirement. Sports give us plenty of chances to break away for a while and indulge in delightful excitement that is hard to come by in other parts of society. People can fulfill their desire for thrills, challenges, and risk by placing artificial limitations on themselves that they can then try to surpass. Being competent and in charge in real life brings about a lot of satisfaction.

Recent studies have shown that the complex of multiple personality traits that composes each individual may be a significant factor in which sport you prefer to play. The broadest category of personality traits involves extraversion and introversion. People reflecting traits of extraversion tend to be excitable, outgoing, lively, sociable and impulsive. People reflecting traits of introversion tend to be reserved, reclusive, thoughtful, calm, and rational. They are more interested in their

own mental self, work better alone, and are controlled in social situations, preferring closer, more personal relationship.

Personality traits, as defined by Allen and Laborde (2014), are enduring patterns of emotion, cognition, and behavior that remain relatively stable over time and across situations, making them highly predictive in long-term talent identification systems. Compared to state-like psychological variables that are more susceptible to situational fluctuations (e.g., mood, fatigue), personality traits provide a more consistent psychological basis for understanding athletes' behavioral tendencies during training, competition, and career development. Currently, athlete personality assessment primarily relies on two categories of measurement tools: general structural personality inventories and sport-specific psychological trait scales.

Extraversion and introversion are a central trait dimension in human personality theory. The terms were introduced into psychology by Carl Jung though both the popular understanding and current psychological usage are not the same as Jung's original concept. Extraversion (also spelled extroversion) is typically associated with sociability, talkativeness, and high energy, while introversion is linked to introspection, reserve, and a preference for solitary activities. Jung defined introversion as an "attitude-type characterised by orientation in life through subjective psychic contents", and extraversion as "an attitude-type characterised by concentration of interest on the external object"

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Financial variables will influence wellness awareness, and an individual's achievement of wellness awareness may be credited to numerous benefits anticipated of both the person and society. Social inspirations may extend from expanded efficiency, military preparation, national security, and resistance of as of late achieved autonomy and opportunity from remote specialist. Individuals may be spurred by wanting a sense of well-being, a cure to strain, and for vitality and imperativeness. The lesson alliance may coordinate physical wellness toward the improvement of a positive self-image, of one, of self-confidence, and of a crave for bliss.

Family SES may be a reflection of the social and financial assets that guardians can give (Bradley and Corwyn, 2002). It can influence parents' cognitive and responsive modes in connection to society and family individuals (Duncan et al., 1994). Agreeing to the family stretch show, guardians in moo SES families confront more budgetary weight and passionate weariness, which are related with moo pay and self-efficacy (Conger and Donnellan, 2007). This may cause parents to use negative, unkind procedures to urge along side their children and result in an undesirable parent-child relationship (McLoyd, 1990; Conger et al., 1994).

Objectives of the Study:

1. To find out the relationship of Personality (Extrovert/Introvert) with socio-economic status of cricket players of engineering colleges of Punjab Technical University
2. To find out the relationship of Personality (Extrovert/Introvert) with socio-economic status of Football players of engineering colleges of Punjab Technical University
3. To find out the relationship of Personality (Extrovert/Introvert) with socio-economic status of Handball players of engineering colleges of Punjab Technical University

4. To find out the relationship of Personality (Extrovert/Introvert) with socio-economic status of Hockey players of engineering colleges of Punjab Technical University

Hypothesis of the study:-

1. There will be no significant difference in relationship of Personality (Extrovert/Introvert) and socio-economic status of cricket players of engineering colleges of Punjab Technical University.
2. There will be no significant difference in relationship of Personality (Extrovert/Introvert) and socio-economic status of Football players of engineering colleges of Punjab Technical University.
3. There will be no significant difference in relationship of Personality (Extrovert/Introvert) and socio-economic status of Handball players of engineering colleges of Punjab Technical University.
4. There will be no significant difference in relationship of Personality (Extrovert/Introvert) and socio-economic status of Hockey players of engineering colleges of Punjab Technical University.

MATERIAL AND METHOD

A total of 115 Sports person were chosen at random from various engineering colleges of Punjab Technical university.

Measures:-

Eysenck Personality Inventory test and Rajbir Singh, Radhey Shyam and Satish kumar's socio-economic status scale Questionnaire was administered on engineering Sports person to get the data.

Statistical techniques:-

Detailed Personality (Extrovert/Introvert) and socioeconomic status was done; Chi- square was implemented as well as Karl Pearson's correlation coefficient was applied.

Table 1: Frequency Distribution of Personality (Extrovert/Introvert) of Cricket Students and Socio-Economic Status of their Family

Game				SES					Total
				LOW SES	Middle L SES	Middle A SES	Middle U SES	High SES	
Cricket	EXTCATE	Extrovert	Count	3	2	1	2	1	9
			% within EXTCATE	33.3%	22.2%	11.1%	22.2%	11.1%	100.0%
			% within SES	30.0%	11.8%	6.7%	22.2%	14.3%	15.5%
		Avg	Count	4	9	9	4	5	31
			% within EXTCATE	12.9%	29.0%	29.0%	12.9%	16.1%	100.0%
			% within SES	40.0%	52.9%	60.0%	44.4%	71.4%	53.4%

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		Introvert	Count	3	6	5	3	1	18
			% within EXTCATE	16.7%	33.3%	27.8%	16.7%	5.6%	100.0%
			% within SES	30.0%	35.3%	33.3%	33.3%	14.3%	31.0%
			Count	10	17	15	9	7	58
			% within EXTCATE	17.2%	29.3%	25.9%	15.5%	12.1%	100.0%
			% within SES	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 1.1: Chi-Square Test of Cricket Students Achievement Motivation in relation to Socio-Economic Status of their Family

Pearson Chi-Square	Value	d.f.	Asymp.sig.(2-sided)
	4.327	8	.826

* p- value insignificant (0.05)

Interpretation:-

The scores of table1 indicate that majority of Engineering Sports Person's Personality belong to middle socio-economic status group i.e. 41 students (70.7%) fall in middle socio-economic status. In other ways 31 students (53.4%) fall in average Personality while 18 students (31.0%)

fall under Introvert Personality and 9 students (15.5%) were having Extrovert Personality.

Table 1.1 indicates that the Cricket Student's Personality (Extrovert/Introvert) is not affected by the socio economic status of their family.

TABLE 2: Frequency Distribution of Personality (Extrovert/Introvert) of Football Students and Socio-Economic Status of their Family

Game				SES					Total
				LOW SES	Middle L SES	Middle A SES	Middle U SES	High SES	
Football	EXTCATE	Extrovert	Count	0	1	1	1	1	4
			% within EXTCATE	.0%	25.0%	25.0%	25.0%	25.0%	100.0%
			% within SES	.0%	12.5%	11.1%	16.7%	16.7%	10.5%
		Avg	Count	5	3	6	3	4	21
			% within EXTCATE	23.8%	14.3%	28.6%	14.3%	19.0%	100.0%
			% within SES	55.6%	37.5%	66.7%	50.0%	66.7%	55.3%
		Introvert	Count	4	4	2	2	1	13
			% within EXTCATE	30.8%	30.8%	15.4%	15.4%	7.7%	100.0%
			% within SES	44.4%	50.0%	22.2%	33.3%	16.7%	34.2%
			Count	9	8	9	6	6	38
			% within EXTCATE	23.7%	21.1%	23.7%	15.8%	15.8%	100.0%
			% within SES	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 2.1: Chi-Square Test of Football Students Personality (Extrovert/Introvert) in relation to Socio-Economic Status of their Family

Pearson Chi-Square	Value	d.f.	Asymp.sig.(2-sided)
	4.027	8	.855

* p- value insignificant (0.05)

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Interpretation:-

The scores of table 2 indicate that majority of Engineering Sports Person's Personality belong to middle socio-economic status group i.e. 23 students (60.6%) fall in middle socio-economic status. In other ways 27 students (71%) fall in average Personality while 13 students (34.2%) falls under

Introvert Personality and 4 Students (10.5%) falls under Extrovert Personality.

Table 2.1 indicates that the Football Student's Personality (Extrovert/Introvert) is not affected by the socio economic status of their family.

TABLE 3: Frequency Distribution of Personality (Extrovert/Introvert) of Handball Students and Socio-Economic Status of their Family

Game				SES					Total
				LOW SES	Middle L SES	Middle A SES	Middle U SES	High SES	
Handball	EXTCATE	Extrovert	Count	0	0	1	0	0	1
			% within EXTCATE	0%	0%	00.0%	0%	0%	00.0%
			% within SES	.0%	.0%	20.0%	.0%	.0%	11.1%
		Avg	Count	0	1	3	1	0	5
			% within EXTCATE	.0%	20.0%	60.0%	20.0%	.0%	100.0%
			% within SES	.0%	100.0%	60.0%	100.0%	.0%	55.6%
		Introvert	Count	1	0	1	0	1	3
			% within EXTCATE	33.3%	.0%	33.3%	.0%	33.3%	100.0%
			% within SES	100.0%	.0%	20.0%	.0%	100.0%	33.3%
			Count	1	1	5	1	1	9
			% within EXTCATE	11.1%	11.1%	55.6%	11.1%	11.1%	100.0%
			% within SES	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 3.1: Chi-Square Test of Handball Students Personality (Extrovert/Introvert) in relation to Socio-Economic Status of their Family

Pearson Chi-Square	Value	d.f.	Asymp.sig.(2-sided)
	6.240	8	.620

* p- value insignificant (0.05)

Interpretation:-

The scores of table 3 indicate that majority of Engineering Sports Person's Personality belong to middle socio-economic status group i.e. 7 students (77.8%) fall in middle socio-economic status. In other ways 5 students (55.5%) fall in average Personality while 3 students (33.3%) falls under

Introvert Personality and 1 student (11.1%) falls under Extrovert Personality.

Table 3.1 indicates that the Handball Student's Personality (Extrovert/Introvert) is affected by the socio economic status of their family.

TABLE 4: Frequency Distribution of Personality (Extrovert/Introvert) of Hockey Students and Socio-Economic Status of their Family

Game				SES					Total
				LOW SES	Middle L SES	Middle A SES	Middle U SES	High SES	
			Count	0	0	2	1	0	3

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Hockey	EXTC ATE	Extrover t	% within EXTCATE	.0%	.0%	66.7%	33.3%	.0%	100.0%
			% within SES	.0%	.0%	50.0%	33.3%	.0%	30.0%
		Avg	Count	0	1	1	1	1	4
			% within EXTCATE	.0%	25.0%	25.0%	25.0%	25.0%	100.0%
			% within SES	.0%	100.0%	25.0%	33.3%	100.0%	40.0%
		Introver t	Count	1	0	1	1	0	3
			% within EXTCATE	33.3	.0%	33.3%	33.3%	.0%	100.0%
			% within SES	100.0%	.0%	25.0%	33.3%	.0%	30.0%
			Count	1	1	4	3	1	10
			% within EXTCATE	10.0%	10.0%	40.0%	30.0%	10.0%	100.0%
			% within SES	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table 4.1: Chi-Square Test of Hockey Students Personality (Extrovert/Introvert) in relation to Socio-Economic Status of their Family

Pearson Chi-Square	Value	d.f.	Asymp.sig.(2-sided)
	6.181	8	.627

* p- value insignificant (0.05)

Interpretation:-

The scores of table 4 indicate that majority of Engineering Sports Person's Personality belong to middle socio-economic status group i.e. 08 students (80.0%) fall in middle socio-economic status. In other ways 4 students (40.0%) fall in average Personality while 3 students (30.0%) fall under Introvert Personality and 3 students (30.0%) falls under Extrovert Personality.

Table 4.1 indicates that the Hockey student's Personality (Extrovert/ Introvert) is not affected by the socio economic status of their family.

CONCLUSION

It is concluded that Cricket, Football, Handball and Hockey Sports Person's Personality (Extrovert/Introvert) from engineering colleges were not affected by socio-economic status of their family

REFERENCES

1. Aggarwal,J.C., (1994). Essentials of educational psychology New Delhi: Vikas publishing house PVT. Ltd.
2. Allen, M.S., Laborde, S. (2014) The role of personality in sport and physical activity:, Current Directions in Psychological Science, 23 (6), pp. 460-465

3. Bhatia, H.R., (2007). A test book of educational psychology. New Delhi. Macmillan on India Ltd.
4. Sharma, P., (2003). Scientific creativity in relation to academic achievement and socioeconomic status. *The educational review*, 46(8), 1-3.
5. Bradley, R. H., Corwyn, R. F., Burchinal, M., McAdoo, H. P., and Garcia Coll, C., (2001). The home environments of children in the nited States Part II: relations with behavioral development through age thirteen. *Child Dev.* 72, 1868–1886.
6. Conger, R. D., and Donnellan, M. B., (2007). An interactionist perspective on the socioeconomic context of human development. *Soc. Sci. Electron. Publish.* 58, 175–199.
doi: 10.1146/annurev.psych.58.110405.085551
7. Duncan, G. J., and Brooks-Gunn, J., (1999). *Consequences of (Growing) Up Poor*. New York, NY: Russell Sage Foundation.
8. Mc Loyd, V. C., (1990). The impact of economic hardship on black families and children: psychological distress, parenting, and socio emotional development. *Child Dev.* 61, 311–346. doi: 10.2307/1131096
9. https://en.wikipedia.org/wiki/Extraversion_and_introversion