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**Feroz Ahmad Kumar**  
Research Scholar (M.Phil.),  
Department of Physical  
Education, Rabindranath  
Tagore University, Bhopal,  
Madhya Pradesh, India

**Dr. Manoj Kumar Pathak**  
H.O.D Department of Physical  
Education, Rabindranath  
Tagore University, Bhopal,  
Madhya Pradesh, India

## A comparative study of personality makes up among handball and baseball players

**Feroz Ahmad Kumar and Dr. Manoj Kumar Pathak**

### Abstract

The purpose of study was to compare personality make up among handball and baseball players. For this study the researcher selected 50 subjects from the total population through sample random method. Data was collected with the help of Administrating Eysenck's personality questionnaire-revised. For analysis of data mean, standard deviation and t-ratio were used to significant value of 0.05 level. And this study revealed that there was no significant personality difference with respect to neuroticism and extraversion between handball and baseball players.

**Keywords:** Personality, handball, neuroticism, extraversion

### Introduction

#### Sports Person

"A sports person or athlete is a person trained to compete in a sport involving physical strength, speed or endurance. Sports people may be professional or amateur. Most professional sports people have particularly well-developed physiques obtained by extensive physical training and strict exercise accompanied by a strict dietary regimen."

"The word "athlete" is a Romanticization of the Greek, *athletes*, one who participates in a contest; from *áthlos*, or, *Athlon*, a contest or feat. The term may be used as a synonym for sports people in general, but it also has stronger connotations of people who compete in athletic sports, as opposed to other sporting types such as horse riding and driving. In British English (as well as other variants in the Commonwealth) athlete can also have a more specific meaning of people who compete in the sport of athletics."

#### Extraversion

The extraversion is a personality trait. The extravert person's orientation is towards the external world. He deals people intelligently in social situation. He is conventional. Outgoing, Social, friendly and free from worries. In Eysenckian terms, extraversion stands for central excitatory/inhibitory level and sociability.

#### Neuroticism

It is a minor mental disorder, characterized by inner struggles and discordant social relationship. It is precipitated by emotional stresses, conflicts and frustrations. Some of the more frequent psychological complaints in neuroticism are anxiety, depressed spirits inability to concentrate or make decisions, memory disturbances, heightened irritability, morbid bouts, obsessions, irrational fears, insomnia, compulsions and inability to enjoy social relations.

#### Statement of the Problem

Research had gone through various dissertations, journals, and internet and found that Similar Studies have been done by different researchers but the study was delimited to players of different games so the researcher made mind for "A Comparative Study of personality makes up among handball and Baseball players."

#### Hypothesis

1. It was hypothesized that there would be no significant difference of personality make up of

**Corresponding Author:**  
**Feroz Ahmad Kumar**  
Research Scholar (M.Phil.),  
Department of Physical  
Education, Rabindranath  
Tagore University, Bhopal,  
Madhya Pradesh, India

handball and baseball players with respect to neuroticism.  
 2. It was hypothesized that there would be no significant difference of personality make up of handball and baseball players with respect to extraversion.  
 3. It was hypothesized that there would be no significant difference of personality make up of handball and baseball players with respect to psychoticism.  
 4. It was hypothesized that there would be no significant difference of personality make up of handball and baseball players with respect to lie-scale.

**Delimitations**

The study was delimited to the following aspects;

1. The Study was conducted in Rntu bhopal
2. The age group of players was 18-28 years.
3. Study was delimited to 50 subjects, 25 from each game.

Administrating Eysenck’s personality questionnaire-revised. [E. P. Q. R.] Have been utilized as a tool of the study. The scientific Authenticity of questionnaire have found at after utilized questionnaire.

**Statistical Analysis**

To analysis of data mean, standard deviation and t-ratio were used to significant value of 0.05 level.

Formula for mean, S.D and t-ratio are as follows:

$$M = \frac{\sum X}{N}$$

$$S.D = \sqrt{\frac{\sum X^2}{N}}$$

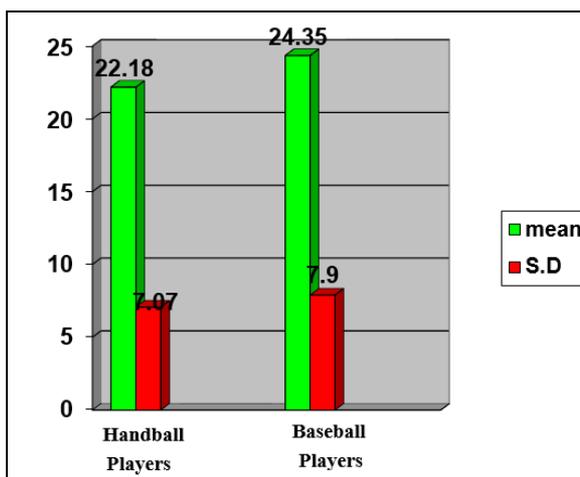
$$T\text{-ratio} = \frac{M1 - M2}{\text{critical ratio}}$$

**Statistical Analysis and interpretation of Data**

**Table 1:** Mean scores, Standard deviations and t-ratio of personality make up With respect to Psychoticism of Korfball and Baseball players.

Players	Number	Mean scores	Standard deviation	t-ratio
Handball players	25	22.18	7.07	0.18 NS
Baseball players	25	24.35	7.90	

Not Significant at 0.5 level

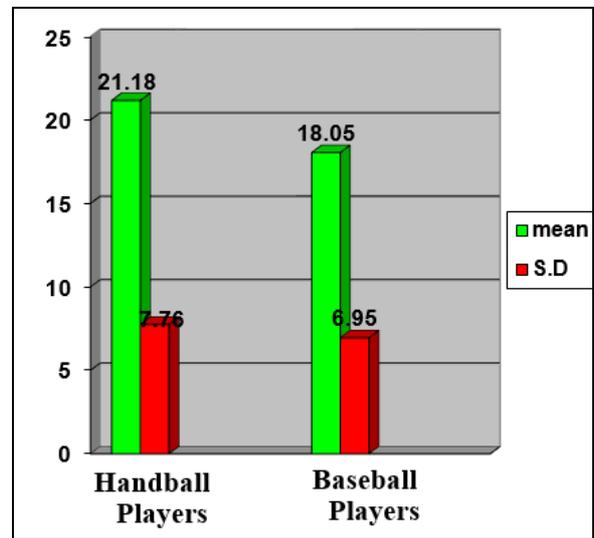


**Fig 1:** Mean scores, Standard deviations and t-ratio of personality make up With respect to Psychoticism of Handball and Baseball players.

**Table 2:** Mean scores, standard deviations and t-ratio of personality traits with respect of extraversion of Handball and Baseball players

Players.	Number	Mean Scores	Standard deviation	t-ratio
Handball players	25	21.18	7.76	1.10
Baseball players	25	18.05	6.95	NS

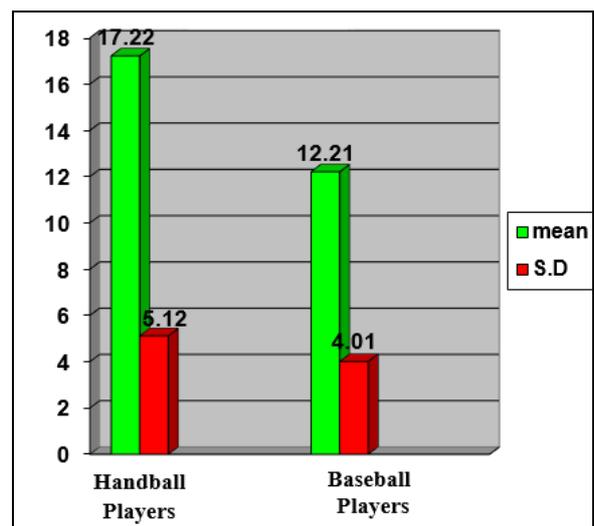
NS= Not Significant at 0.5 level.



**Fig 2:** Shows Mean scores and Standard deviations of personality traits with respect to extraversion of Handball and Baseball players

**Table 3:** Mean scores, standard deviations and t-ratio of personality traits with respect to Lie-scale of Handball and Baseball players.

Players	Number	Mean Scores	Standard deviation	t-ratio
Baseball players	25	17.22	5.12	5.49*
Handball players	25	12.21	4.01	



**Fig 3:** Shows Mean scores and Standard deviations of personality traits with respect to lie-scale of Handball and Baseball players

The present study deals with the comparison of personality make up of players with respect to neuroticism, psychoticism, extraversion and lie-scale, aged between 22-28. The data was collected with the help of questionnaires prepared by Eysenck (E.P.I.) revised version.

It had been hypothesized that there would be no significant difference of personality make up with respect to psychoticism, neuroticism, extraversion between Handball and Baseball players. The results of the study (Table 1, Table 2, Table 3) reveals the existence of statistically no significant difference of personality make up with respect to psychoticism was found (t=0.18) between Handball and baseball players. Thus, the hypothesis of the study was rejected.

The forth hypothesis of the present study was that there would be no significant difference of personality make up with respect to Lie Scale between Handball and Baseball players. The results of the study revealed that in (Table-4) statistically

significant difference was found ( $t=5.49$ ) between Handball and Baseball players. Thus the hypothesis was accepted.

### Conclusion

Finally the following conclusions were drawn in the present study.

1. No personality difference with respect to psychoticism was found between Handball and baseball players.
2. There was no significant personality difference with respect to neuroticism between handball and baseball players.
3. There was no significant personality difference with respect to extraversion between handball and baseball players.
4. Significant personality difference was found with respect to Lie-Scale between handball and baseball players.

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