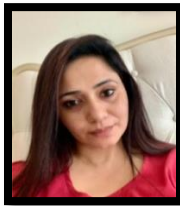


## STUDY OF PERSONALITY TRAITS OF METROPOLITAN AND COSMOPOLITAN PHYSICAL EDUCATION TEACHERS



**Makkar Jasbir Kaur \***

---

\*Assistant Professor, Department of Physical Education, University of Mumbai, (M.S)-INDIA.  
E.mail: kaur.jasbir1@gmail.com

---

### **Abstract:**

The objective of the study was to know the personality traits of metropolitan and cosmopolitan physical education teachers. To achieve the purpose of the study two hundred teachers were randomly selected as subjects. The variables selected for this study was personality traits and a customized questionnaire was selected to administer the collection of data. T-test is used to measure the significant difference in personality traits of metropolitan and cosmopolitan physical education teachers. The result revealed that there is no significant difference in personality traits between metropolitan and cosmopolitan physical education teachers.

**Keywords:** Personality Traits & Physical Education Teachers.

### **Introduction:**

Personality refers to the enduring characteristics and behavior that comprise a person's unique adjustment to life, including major traits, interests, drives, values, self-concept, abilities, and emotional patterns. Various theories explain the structure and development of personality in different ways, but all agree that personality helps determine behavior. The field of personality psychology studies the nature and definition of personality as well as its development, structure and trait constructs, dynamic processes, variations (with emphasis on enduring and stable individual differences), and maladaptive forms. Many contemporary personality psychologists believe that there are five basic dimensions of personality, often referred to as the "Big 5" personality traits. The Big 5 personality traits are extraversion (also often spelled extroversion), agreeableness, openness, conscientiousness, and neuroticism. Extraversion is sociability, agreeableness is kindness, openness is creativity and intrigue, conscientiousness is thoughtfulness, and neuroticism often involves sadness or emotional instability.

### **Objectives of the Study:**

#### **Following were the main objectives of the study:**

- To compare the personality differentials (Psychoticism) level between metropolitan and cosmopolitan physical education teachers.
- To compare the personality differentials (Neuroticism) level between metropolitan and cosmopolitan physical education teachers.
- To compare the personality differentials (Extraversion) level between metropolitan and cosmopolitan physical education teachers.
- To compare the personality differentials (Lie Scale) level between metropolitan and cosmopolitan physical education teachers.

**Hypotheses of the Study:**

**Following were the main hypotheses of the study:**

H<sub>1</sub> - There will be a significant difference in the personality traits (Psychoticism) between Metropolitan and Cosmopolitan Physical Education Teachers.

H<sub>2</sub> - There will be a significant difference in the personality traits (Neuroticism) between Metropolitan and Cosmopolitan Physical Education Teachers.

H<sub>3</sub> - There will be a significant difference in the personality traits (Extraversion) between Metropolitan and Cosmopolitan Physical Education Teachers.

H<sub>4</sub> - There will be a significant difference in the personality traits (Lie Scale) between Metropolitan and Cosmopolitan Physical Education Teachers.

**Methodology:**

For this purpose “Survey Method” which comes under Descriptive study was used to conduct the study. Therefore two hundred (100-100 each) Physical Education teachers teaching in various schools and colleges of Mumbai and Pune were selected as samples for this study. The variables selected for this study was personality traits and a customized questionnaire were selected to administer the collection of data. The hypotheses of the study were tested using T-test to measure the significant difference in personality traits of metropolitan and cosmopolitan physical education teachers.

**Result and Findings:**

**Table No: I**

**Table showing the Comparison of Personality traits variable of Metropolitan and Cosmopolitan Physical Education Teachers**

Sr. No.	Criterion variables	Region	N	Mean	S. D	SEM
1	Psychoticism	Mumbai	100	9.77	3.842	.384
		Pune	100	10.03	3.642	.364
2	Neuroticism	Mumbai	100	12.97	3.862	.386
		Pune	100	13.18	3.655	.366
3	Extroversion	Mumbai	100	10.39	4.568	.457
		Pune	100	13.23	3.670	.367
4	Lie scale	Mumbai	100	9.74	4.220	.422
		Pune	100	9.45	2.945	.295

The mean and standard deviation of Psychoticism score for Mumbai region was 9.77 and 3.842 respectively. Similarly for Pune region mean was 10.03 and standard deviation was 3.642.

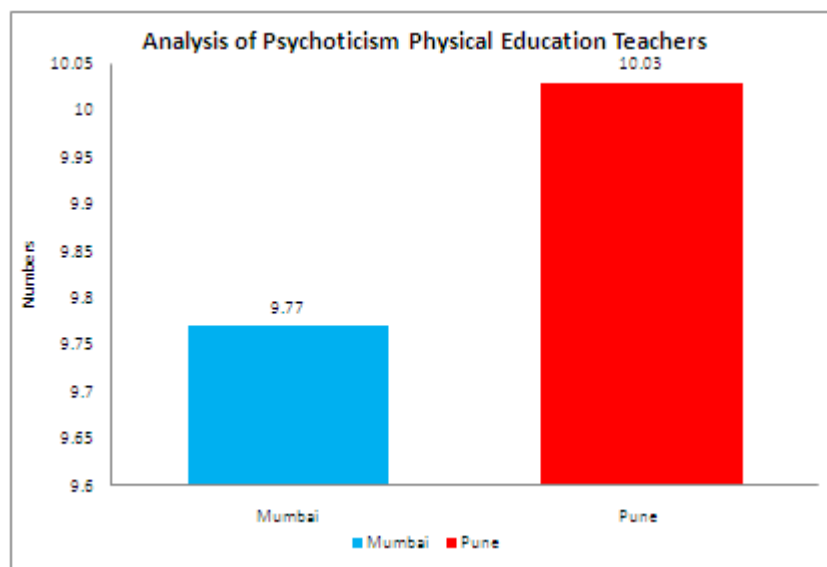


Fig. I

Table No: II

Table showing the analysis of Psychoticism of Metropolitan and Cosmopolitan Physical Education Teachers

	Levene's Test for Equality of Variances		t-test for Equality of Means				
	F	Sig.	T	Df	Sig. (2-tailed)	M.D	SED
Equal variances assumed	.179	.673	.491	198	.624	.260	.529
Equal variances not assumed			.491	197.432	.624	.260	.529

From the statistical Analysis it was found that the mean difference in the personality traits (Psychoticism) of Physical Education teachers of Metropolitan (Mumbai) and Cosmopolitan (Pune) Physical Education Teachers the mean difference score was score was 260, the 't' value was .491 which was statistically not significant at 0.05 significance level ( $p=.624$ ). **Hence hypothesis  $H_1$  –“There will be a significant difference in the personality Traits (Psychoticism) between Metropolitan and Cosmopolitan Physical Education Teachers” is rejected.** The mean and standard deviation of Neuroticism score for Mumbai region was 12.97 and 3.862 respectively. Similarly for Pune region mean was 13.18 and standard deviation was 3.655 (Table 4.5).

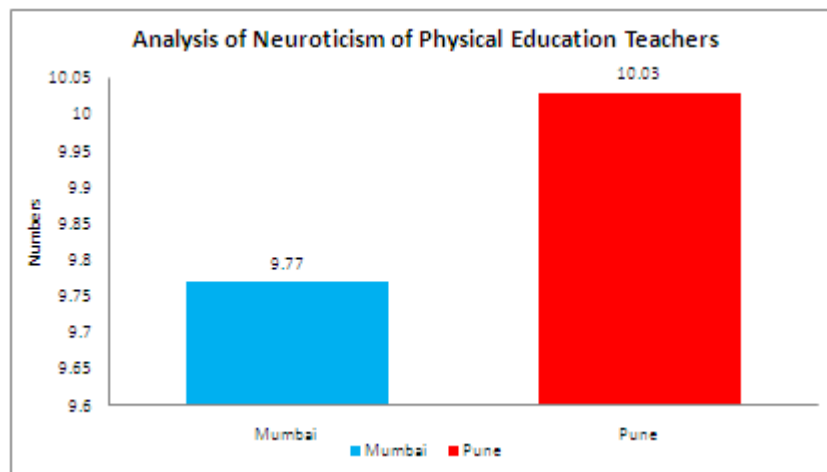


Fig. II

Table No: III

Table showing the analysis of Neuroticism of Metropolitan and Cosmopolitan (Physical Education Teachers)

	Levene's Test for Equality of Variances		t-test for Equality of Means				
	F	Sig.	t	Df	Sig. (2-tailed)	MD	SED
Equal variances assumed	.225	.636	.395	198	.693	.210	.532
Equal variances not assumed			.395	197.402	.693	.210	.532

From the statistical Analysis it was found that the mean difference in the personality traits (Neuroticism) of Physical Education teachers of Metropolitan (Mumbai) & Cosmopolitan (Pune) Physical Education Teachers the mean difference score was score was). The mean difference score was .210, the 't' value was .395 which was statistically not significant at 0.05significance level (p=.693). **Hence the hypothesis H<sub>2</sub> –“There will be a significant difference in the Personality Traits (Neuroticism) between Metropolitan and Cosmopolitan Physical Education Teachers.” is rejected.** The mean and standard deviation of extraversion score for Mumbai region was 10.39 and 4.568 respectively. Similarly for Pune region mean was 13.23 and standard deviation was 3.670.

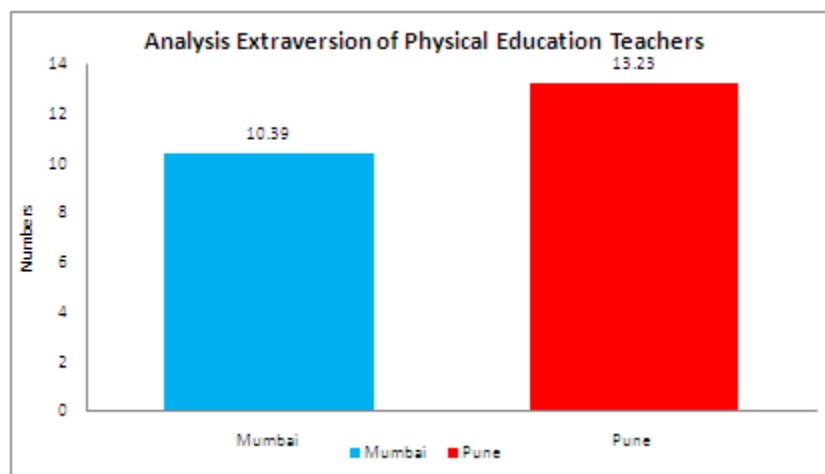


Fig. III

Table No: IV

Analysis of Extraversion of Metropolitan and Cosmopolitan Physical Education Teachers

	Levene's Test for Equality of Variances		t-test for Equality of Means				
	F	Sig.	T	df	Sig. (2-tailed)	MD	SED
Equal variances assumed	8.088	.005	4.847	198	.001	2.840	.586
Equal variances not assumed			4.847	189.2	.001	2.840	.586

From the statistical analysis it was found that the mean difference in the personality traits (Extraversion) of Physical Education teachers of Metropolitan (Mumbai) and Cosmopolitan (Pune) Physical Education Teachers score was 2.840, the 't' value was 4.847 which was statistically significant at 0.05 significance level ( $p=.001$ ) in favor of Pune region. **Hence the hypothesis H<sub>3</sub> –“There will be a significant difference in the personality traits (Extraversion) between Metropolitan and Cosmopolitan Physical Education Teachers.” is accepted.** The mean and standard deviation of Lie Scale score for Mumbai region was 9.74 and 4.220 respectively. Similarly for Pune region mean was 9.45 and standard deviation was 2.945.

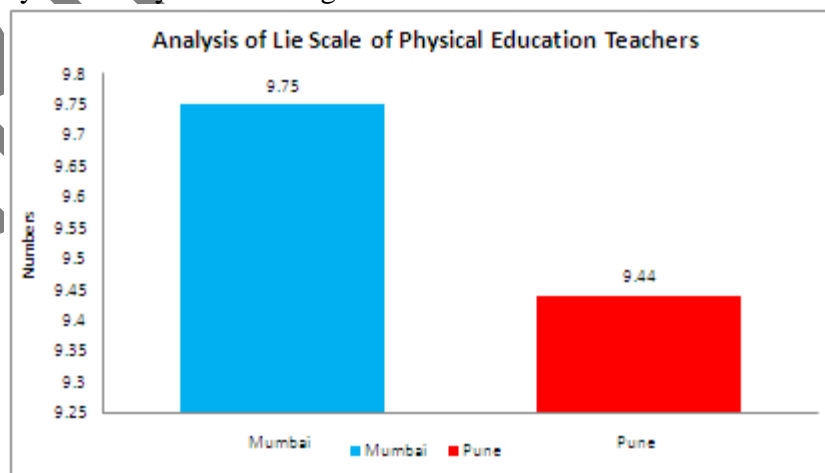


Fig. IV

**Table No: V**  
**Table showing the analysis of Lie Scale of Metropolitan and Cosmopolitan Physical Education Teachers**

	Levene's Test for Equality of Variances		t-test for Equality of Means				
	F	Sig.	T	df	Sig. (2-tailed)	M. D	SED
Equal variances assumed	11.111	.001	-.564	198	.574	-.290	.515
Equal variances not assumed			-.564	176.944	.574	-.290	.515

From the statistical Analysis it was found that the mean difference in the personality traits (Lie Scale) of Physical Education teachers of Metropolitan (Mumbai) and Cosmopolitan (Pune) Physical Education Teachers score .The mean difference score was -.290 , the 't' value was -.564 which was statistically not significant at 0.05 significance level (p=.574). **Hence the hypothesis H<sub>4</sub> –“There will be a significant difference in the personality traits (Lie Scale) between Metropolitan and Cosmopolitan Physical Education Teachers.” is rejected**

**Conclusions:**

From the analysis of the data, the following conclusion were drawn given below.

- There was no significant difference in the personality traits (Psychoticism) between Metropolitan and Cosmopolitan Physical Education Teachers.
- There was no significant difference in the personality traits (Neuroticism) between Metropolitan and Cosmopolitan Physical Education Teachers.
- There was a significant difference in the personality traits (Extraversion) between Metropolitan and Cosmopolitan Physical Education Teachers
- There was no significant difference in the personality traits (Lie Scale) between Metropolitan and Cosmopolitan Physical Education Teachers.

**References:**

- Adams, D. (1980). The hitchhiker’s guide to the galaxy. Harmony Books, NewYork, 1st American edition.
- Aiken,L.S. and West,S.G. (1991). Multiple regression test in interpretation. Sage Publications ,R.K. (1984).
- Bartlett,M.S.(1950).Tests of significance in factor analysis. British Journal of Mathematical andStatistical Psychology, 3:77–85.
- Bartlett,M.S.(1951).The effect of standardization on a approximation in factor analysis. Biometrika,38(3/4):337–344.
- Eysenck,H.J.(1964). Personality traits in psychology. Penguin Books, Baltimore.
- Hofstee,W.K. Goldberg,L.R. (1992). Integration of the big five and circumplex approaches to trait structure. Journal of Personality and Social Psychology, 63(1):146–163.
- Sijtsma, K. (2008). On the use, the misuse, and the very limited usefulness of Cronbach’s alpha. Psychometrika.