

# BIG FIVE PERSONALITY FACTORS CONTRIBUTION IN SMUGGLING CRIME

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**ABSTRACT:** *The current research aims to the identification of the personality types of smuggling criminals and non-smuggling criminals. Hypotheses were these, they're more likely to be smuggling criminal's personality extroverted. There to be more likely non smuggling criminals have introverted personality. There is significantly difference in smuggling criminals and non smuggling criminal's behavior. For this purpose, IPIP big five personality scale was administered to a sample volume of (N=100) individuals from which (n= 50) were smuggled criminals selected from different jails of Hazara division and (n= 50) were non smuggling criminals from Hazara division by applying a purpose sampling technique, the statistical parametric independent t test method was applied to confirm or reject the research hypotheses. The research findings approved the hypotheses and suggest there significant differences between the smuggling criminals and non-smuggling criminals types of personality. Results findings exposed smuggling criminals commonly more posses the extroverted personality.*

**Key Words:** *Extroverted, International personality Item pool, Introverted*

## INTRODUCTION

To evaluate what type of personality smuggling criminals' posses, this behavior occurrence requires an approval for the complication of human behavior. Behavior is not resolute by one factor, but rather prejudiced by a mass of interrelated factors [1]. Smuggling can be defined as the underground import and/or exportation of goods from one place to another. The covert operation is able to engage the import of forbidden merchandise [2].

### Personality and crime

Criminological researches focused on the studies exploring the personality which has direct links with crime. An evaluation of the research by Eyseneck, demarcation his suggestion for why unlawful conduct occurs. Studied personality and its impact on crime. There should theoretical system to measure traits and make distinctions among individuals' feature similarities and differences [3]. Carry out a Meta analysis of secondary data for exploring the association between five big personality traits with crimes. He establishes the strongest relations with low agreeableness, low conscientiousness and with high neuroticism with aggression and anti-social behaviors [4]. Investigation indicated that among the big three personality factors extroversion, introversion and agreeableness commonly related to ASB. As well demographic variables were found have moderate link with criminal ASB. five big personality factors are interlinked with the crimes[5].

## METHODS AND MATERIALS

The research methodology is a way to systematically solve the research problem. It may be understood as a science of studying how research is done scientifically. In it we study the various steps that are generally adopted by a researcher in studying his research problem along with the logic behind them.

### Statement of problem

Contribution of personality five big factors in SMU

### Objectives

The objectives of the study will be as follows:

- To investigate the difference among the personality factors of smuggling criminals and non smuggling criminals.

- To evaluate the effect of neuroticism on smuggling crime.
- The study will find out the level of extraversion in smuggling criminals.

### Hypothesis

H1: In smuggling criminal's personality extroversion factor predicts higher prevalence ratio as compared to non smuggling criminals.

H2: Personality factor Introversion is higher in non smuggling criminals rather than smuggling criminals.

H3: smuggling criminals more likely to be predicted more openness to experience than that of non smuggling criminals.

H4: The neuroticism personality attributes is more likely to be higher in none smuggling criminals rather than smuggling criminals.

H5: Non smuggling criminals more likely to be predicted openness to experience than that of smuggling criminals.

H6: Smuggling criminals are more likely to be less agreeable as compared to non smuggling criminals.

H5: There is a difference in the level of conscientiousness among smuggling criminals and non –smuggling criminals.

### Design

Quantitative comparative research design is used for the present study.

### Target population

Smuggling criminals and non-smuggling criminals of the Hazara division of Pakistan.

### Sampling technique

The sample drawn from the target population, by using the purpose sampling technique

### Research Instrument

The questionnaire is the 50 items international personality item pool (IPIP) big five personality inventory, developed to measure the big five factors. This includes ten (10) item set on each of the five dimensions (Extroversion, Neuroticism, Agreeableness, Openness and Conscientiousness) scales, keyed positive (+) and negative (-). Each item is rated on a five point like art scale from very inaccurate (1) through to very accurate (5). This is the brief version of the IPIP instrument.

**RESULTS****Table. 1: Difference in Personality factor Neuroticism in Smuggling Criminals and non Smuggling Criminals**

	Criminals		Non-smuggling criminals			P LL UL	Cohen's d
	Smuggling criminals		M	SD	t		
	M	SD					
Neuroticism	32.71	6.549	29.56	3.935	4.123	.000 1.643 2.349	-0.58602

In table 1 neuroticism difference in both type criminals d.f. = 99= p < .001

The neuroticism personality specification's scores of (M = 32.71) in smuggling criminals and (M = 29.56) in non smuggling criminals and (SD = 6.549) of the smuggling criminals and non smuggling criminals (SD = 3.93) the

result indicate that Neuroticism is higher in smuggling criminals as compared to Non smuggling criminals which trigger them to words the smuggling .

**Table. 2: Personality factor Extroversion difference in both Smuggling Criminals and non Smuggling Criminals**

	Criminals		Non-smuggling criminals			P UL	LL	Cohen's d
	Smuggling criminals		M	SD	T(198)			
	M	SD						
Extroversion	27.15	3.794	31.01	6.600	-5.036	.000 2.349 5.371	-0.71579	

In table 2 extroversion in criminals, df = 99, \*\*\*p>.001

The extroversion personality factor's scores of (M=27.15) for the smuggling criminals and (M=31.01) of non smuggling criminals with the (SD=3.794) of the smuggling criminals and (SD = 6.600) of non smuggling criminals Also, as compare to non smuggling criminals

(27.156) this shows the difference between the scores of smuggling and non smuggling criminals. Finding support the hypothesis extroversion is higher in smuggling criminal

**Table. 3:**

	Criminals		Non-smuggling criminals			P LL UL	Cohen's d
	Smuggling criminals		M	SD	T(198)		
	M	SD					
Openness to experience	28.15	5.558	33.07	4.963	-6.603	.000 6.390 3.490	-

In table 3 difference in openness in both type of criminal df= 99, p< 0.001

The Openness personality specification's scores of (M = 28.15) in smuggling criminals and (M = 33.07) in non smuggling criminals and (SD = 5.558) of the smuggling

criminals and non smuggling criminals (SD = 4.963) the result point toward that Openness is higher in non-smuggling criminals as compared to smuggling criminals

**Table. 4: Difference in Agreeableness of Smuggling Criminals and in non-smuggling Criminals**

	Criminals		Non-smuggling criminals			P LL UL	Cohen's d
	Smuggling criminals		M	SD	T(198)		
	M	SD					
Agreeableness		3.429	31.48	5.308	-5.824	.004 1.000 1.000	-0.82779

In table 4 significant differences in both criminals level of agreeableness df= 99, p<0 .001

The agreeableness personality specification's scores of (M = 27.80) in smuggling criminals and (M = 31.48) in non smuggling criminals and (SD = 3.429) of the smuggling

criminals and non smuggling criminals (SD = 5.308) the result indicate that Openness is higher in non-smuggling criminals as compared to smuggling criminals .

Table 5:

	Criminals		Non-smuggling criminals			P LL	UL	Cohen's d
	Smuggling criminals		M	SD	T(198)			
Conscientiousness	M	SD	M	SD	T(198)	P	LL	UL
	29.97	4.569	31.16	5.937	-1.588	.001	-	-0.22571
			6			2.667		
						.287		
						0.2257		

In table 5 both criminals level of conscientiousness difference Df = 99, \*\*\*p>0.001

The conscientiousness personality specification's scores of (M = 29.97) in smuggling criminals and (M = 31.16) in non smuggling criminals and (SD = 4.569) of the smuggling criminals and non smuggling criminals (SD = 5.937) the resulting point toward that conscientiousness is higher in non-smuggling criminals as compared to smuggling criminals which trigger them to words the smuggling .

#### DISCUSSION

The current study was conducted to find out the differences between the personality dimensions of smuggling criminals and non smuggling criminals. The results of this study indicate that there is a significant difference between smuggling criminals and non smuggling criminals' big five personality traits.

In the present study all hypothesis proved by the findings of the study. **The first hypothesis:** The current research's first hypothesis is that the smuggling criminals and non-smuggling criminals have a difference in the personality characteristic of neuroticism. Present study findings approved the first hypothesis; there is significance in level of neuroticism in smuggling criminals and in non smuggling criminals.

**Second hypothesis:** The smuggling criminals are higher in extraversion as compared to non smuggling criminals have specification of extroversion. This hypothesis have been proven by the present research. **The third hypothesis:** There is a SIGNIFICANT difference between the smuggling criminals and non- smuggling criminals related to openness to experience personality characteristic. The present study has proved this hypothesis. **The fourth hypothesis:** A difference is observed from the aspect of agreeableness between the smuggling criminals and non-smuggling criminals. This hypothesis have been proven in the current study, there is difference in both smuggling criminals and non smuggling criminal's personality agreeableness feature in the study findings. **The fifth hypothesis:** Hypothesis number five states that there is a difference between the smuggling criminals and non-smuggling criminals in conscientiousness. The current study has proved the fifth hypothesis. The scores obtained by the smuggling criminals in this variable is more than that of the non smuggling criminals and this difference is significant.

#### CONCLUSION

The findings of the current investigation eradicated there is a significant difference in the personality factors among both type of criminals. Extroversion, openness to experience higher in smuggling criminals rather than non-smuggling criminals. Neuroticism is lower in smuggling criminals and higher in non smuggling criminals.

Agreeableness is less in smuggling criminals as compare ton non smuggling criminals. Conscientiousness is higher in non smuggling criminals and lower in smuggling criminals. There is a significant difference in both different type of criminal's personality factors, by measuring through personality test IPIP.

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