

# Relationship of Blood Group with Rice Likeliness

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## Abstract

The main objective of the recent study was to interlink blood grouping with rice likeliness. The subjects who participated in this study were 146. The subjects were the students of Bahauddin Zakariya University Multan (Pakistan). The blood group of any individual is controlled by his gene which is the main concern of classical genetics. Rh illustrates the presence or absence of negative factor which is known as "Rhesus factor". Rice is most favorable foods especially in India and Pakistan and also available at comparatively cheaper rates. Therefore, more people like to eat rice. By using MS- Excel I performed the statistical analysis about this study. Questionnaire based study revealed an important advancement in current researches.

**Keywords:** Blood Grouping; Brown Rice; Antigens; Staple Food; Classical Genetics

## Introduction

The blood group of any individual is controlled by his gene which is the main concern of classical genetics. There are different types of blood group system but the most common is ABO. It is discovered by Karl Landsteiner in 1901. The ABO blood group system is controlled by three alleles of the same gene. It is also identified in some individuals of the animal kingdom such as bonobos, apes gorillas and rodents. Blood group A is controlled by the allele IA but allele IB gives the phenotype of blood group B, and type O is determined by allele ii. Blood group of a person remains the same throughout his life because it is the inherited trait [1]. Rh is the second very important type of blood group system. It illustrates the presence or absence of negative factor which is known as "Rhesus factor". It was also determined by Karl Landsteiner [2]. Rice is one of the most favorable and staple foods especially in Asian countries, and also available at comparatively cheaper rates. In India and Pakistan, restricting rice eating is really next to impossible, but yes how you eat or cook rice, type of rice used does matters a lot when we consider rice benefits. Many people are rice lovers in such a way they always ready to eat rice in every condition such as illness, tension and depression. When they want to change their taste or mood, they wish to eat rice. They feel everything tasteless except rice in this condition. But it is the controversial issue for eating rice. Some people think rice is a light food and can be eaten by everyone in every situation. But some other people have conflict

about this idea because they think that weight is gained by eating rice. However, those people who like the rice, eat rice without any danger. Therefore, more people like to eat rice.

## Objective

Objective of the present study was to correlate blood grouping with rice likeliness.

## Materials and Methods

There were 146 subjects who participated in this study. The subjects were the students of Bahauddin Zakariya University Multan (Pakistan)

## Blood Grouping

In blood grouping, first of all, blood was collected from the body of different people by a needle known as lancet. Then, this blood was put on the glass slide and antisera of antigens are mixed with this blood. A chemical reaction occurred that illustrates that this person has this type of blood group. If the red blood cells of the individual get clump with antibodies, it shows that this is the blood of that person.

## Project Designing

A question was thought that why different people have different choices about the same thing. To solve this problem, it was thought

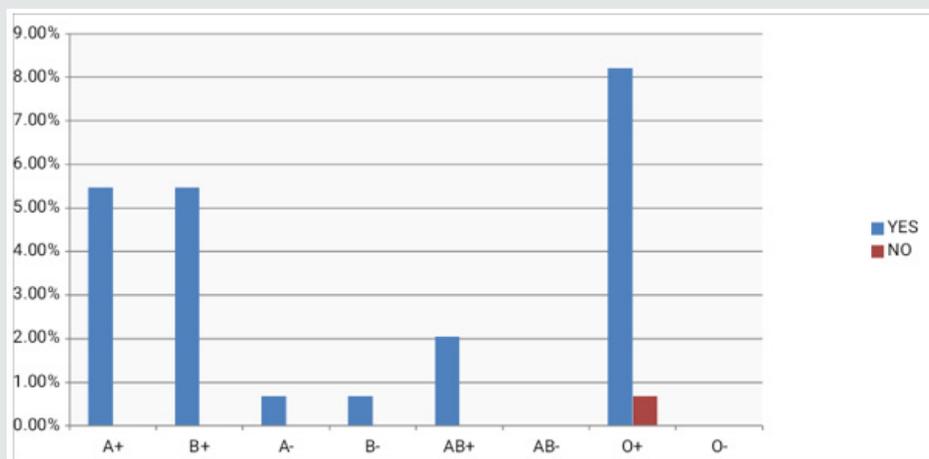
that either it may have relation with blood group. That is why a lot of people were questioned about their type of blood group and point of view about rice. These were 146 subjects who told about their choices. All of them have different choices but people with B+ blood group were more rice lover. In this way blood group was correlated with rice likeliness.

## Statistical Analysis

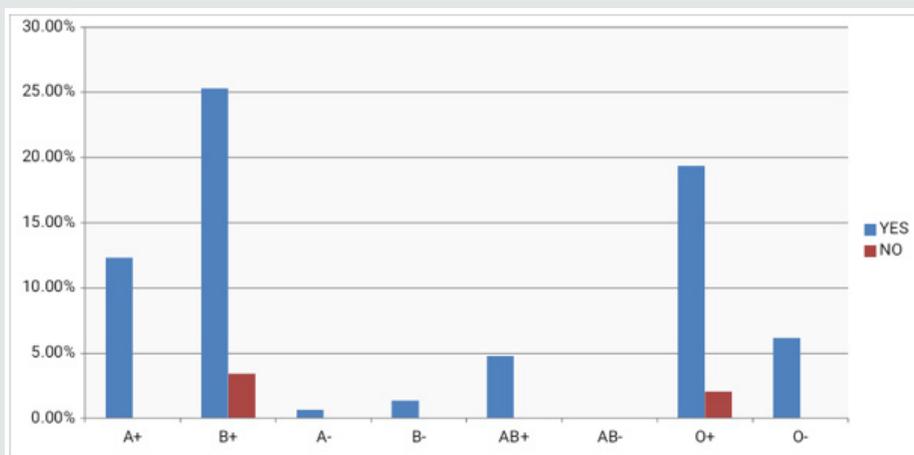
By using MS-Excel I performed the statistical analysis about this study.

## Results

Relationship of blood group with rice likeliness is given as below: (Graphs 1 & 2).



Graph 1: Graph-1 for Male.



Graph 2: Graph for Female.

## Discussion

The Questionnaire based study revealed an important advancement in current researches [3-10]. Most of the people studied about this topic. But all have different point of views about rice likeliness. Venkatraman Sivasankaran said that it's the climate that decides the food of people. So due to have specific pattern of climate, people like to eat rice. Aniruddha Banerjee said that most people like to eat rice because they cultivated much more rice in their own field.

## Conclusion

From this study, it was concluded that people with B+ blood group are more rice lover but those who have AB- are least lover.

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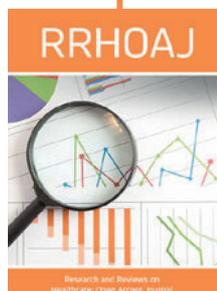
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