

# The Selectivity Myth: An Assessment of Myth Versus Reality

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## **Abstract**

The Selectivity Myth is a widespread belief that it is extremely difficult to be accepted to the Research Science Institute. This paper illustrates that this myth has no basis in reality through the analysis of a highly scientific survey. Therefore, getting into the Research Science Institute does not imply intelligence, and it is not surprising that RSI students get locked out of their rooms so often. The fact is, 100% of the people who apply to RSI are accepted. This study finds no scientific or factual basis of the Selectivity Myth, and advises that anyone interested in RSI should apply.

# 1 Introduction

Myths and folklore have been an integral part of human history and development. Religion is an example of a series of myths that have shaped society. Some myths exist only in the minds of the believers, but many myths have a basis in reality. Data gathering, by polling people about their beliefs and their experiences, is one method of determining the factual basis of a myth. In this study, a random sampling of people was polled about the common myth that it is extremely difficult to get into RSI. This myth, known as the Selectivity Myth [1], has been the cause of much apprehension, elitism, and fear. It was hypothesized based on the widespread knowledge and belief in this myth, that the myth was based at least partially in reality.

## 2 Means and Methods

The people polled in this study were selected randomly from the known universe. Due to the Rsiisatmit Effect [2], a disproportionately large number of the people polled were situated in Boston at the time of the polling. Two questions were asked to each respondent. The questions were carefully chosen to avoid causing any unconscious bias in the respondents. The two questions were:

- Did you apply to the Research Science Institute?
- If you applied, were you accepted to the Research Science Institute?

## 3 The Data

Interestingly, the data garnered from this survey contradicted the hypothesis. Using the results of the first two questions, the percent of people who applied and were accepted was

calculated as follows.<sup>1</sup>  $52\frac{7}{12}$  of the people polled applied to RSI. 5 people did not apply. Naturally, none of the people who didn't apply were admitted to RSI, and their data is not included in the percentage of applicants who got in because they weren't applicants.

$$\frac{\alpha}{\beta} = \frac{52\frac{7}{12}}{52\frac{7}{12}} = 1 \tag{1}$$

$$1 \times 100\% = 100\% \tag{2}$$

The information obtained from the study is also arranged into a table.

Answer	Question 1	Question 2
Yes	$52\frac{7}{12}$ people	$52\frac{7}{12}$ people
No	5 people	5 people

Table 1: The Answers Given to Questions 1 and 2

## 4 Analysis

The results of this study contradicted the hypothesis. Despite the widespread belief that it is difficult to get into RSI, this research documents an acceptance rate of 100% . As difficult as this may be to believe, the careful methodology of the unique Zephyreveryoneatrsi Polling System [3] left room for only  $\pm 105.6\%$  error. Once the public is informed of this unique study, people will start to lose their belief in the Selectivity Myth. The realization that RSI is not selective will result in a lowering in any elitism that might occur amongst those accepted. The myth currently causes much apprehension in those who apply. Once people realize that they have a 100% chance of getting in, they will lose this sense of apprehension. In addition, many people fear applying to RSI at all because they believe that they have

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<sup>1</sup> $\alpha$  represents the number of people accepted to RSI and  $\beta$  represents the number of people who applied to RSI.

no chance of getting in. This study illustrates that such fear is unwarranted because if they apply, they will get in.

## 5 Conclusion

This study has clearly and definitively proven the Selectivity Myth false. The result of this is clearly positive. Once this research is released to the public, elitism by those accepted to RSI will decrease. In addition, the apprehension felt by people interested in applying to RSI will decrease. Although it may be a good idea to repeat this study to reaffirm it, the incredible numbers such as the 100% acceptance rate documented, and the  $\pm 105.6\%$  accuracy of the study indicate that the results of this study are impeccable.<sup>2</sup>

## 6 Acknowledgments

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Figure 1: An Atom Logo

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<sup>2</sup>-ly questionable and not accurate

## References

- [1] Idiutt, Ima: Famous Myths of Modern Times *A Secret Organization (aah! forget you read that)* , 14 August 1999.
- [2] Uss, Dew B.: *Non-random Results of Random Polling*. Roseville: Push Ups, 2002.
- [3] Llyes, Stew P.: How to Poll Accurately and Efficiently *Journal of Short Cuts*. **271** (42 October 1995): 19-76.