

# Antidepressants

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*The Effective Utilization of Antidepressants*

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A World View Of Mathematics and Data Analysis  
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## **Abstract:**

The following paper is about the utilization of antidepressants, and if there are more adverse effects than actual treatments of the medication. Within this research paper there are hypothesis tests, which statistically prove the ratio of adverse effects of labeled and non-labeled treatments. Through the data collected it was found that there is a 95% confidence level that there are 4 more adverse effects than treatments in an average antidepressant. Therefore, the future should hold new studies of more natural, less chemical antidepressants, such as the studies being done with the flower and its extract called the St. John's Wort.