

## **Answer on Question #61006 – Math – Statistics and Probability**

### **Question**

When a newspaper or magazine article reports the results of a study and draws a conclusion without also reporting whether the results are statistically significant, what are the possible reasons for doing so? How seriously should you take the conclusion offered in such a study?

### **Solution**

The possible reasons for doing so are as follows:

1. The newspaper or magazine has not enough place to include all results;
2. The statistical significance has not been studied;
3. The statistical significance has been studied but the result did not satisfy the author.

In all cases we should not take the conclusion offered in such a study seriously.