

Analyze A/B Test Results

REVIEW

HISTORY

Meets Specifications

Code Quality

All code cells can be run without error.

Docstrings, comments, and variable names enable readability of the code.

The code is well formatted and appropriately commented. That make it easy to follow the analysis steps and identify a specific functional operation.

Statistical Analyses

All results from different analyses are correctly interpreted.

You are correct, we can observe a difference between the two categories but we need to perform a statistical test to appreciate if the difference is significant. In this report, you implemented 3 different statistical tests to

appreciate if the difference is significant.

[Simulation](#) , [Z-test](#) , [Logistic regression](#)

The null and the alternative hypothesis are appropriate.

For part II section k, it is not sufficient to state that the p-value is large, please support your insight with the comparison between the obtained p-value and the suggested p-critical (0.05).

<http://www.itl.nist.gov/div898/handbook/prc/section1/prc131.htm>

For all numeric values, you should provide the correct results of the analysis.

Please note the similarity in the p_value calculated using the simulation and the z-test. These are independent methods.

Conclusions should include not only statistical reasoning, but also practical reasoning for the situation.

You are correct the z-test and the simulation was implemented as a one-tailed test while the regression solves a two-tailed problem. <https://stattrek.com/regression/slope-test.aspx>

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