

[Your Name]  
[Your Address]  
[City, State, Zip Code]  
[Email Address]  
[Phone Number]  
[Date]

[Recipient Name]  
[Recipient Title]  
[Organization Name]  
[Organization Address]  
[City, State, Zip Code]

Dear [Recipient Name],

Subject: One-Tailed Hypothesis Testing for [Research Topic/Study Title]

I am writing to present the findings from my analysis on [briefly describe the research topic or study]. The objective of this study was to test the one-tailed hypothesis that [state your null hypothesis ( $H_0$ )] against the alternative hypothesis that [state your alternative hypothesis ( $H_1$ )].

To conduct this analysis, I collected data from [describe the source of your data]. The sample size consisted of [number of observations or participants], and I employed a significance level of [alpha level, e.g., 0.05].

The results indicate that [summarize key findings, including test statistic, p-value, and conclusion]. Based on this evidence, I [reject/fail to reject] the null hypothesis in favor of the alternative hypothesis.

I believe these findings have significant implications for [discuss the potential impact or application of your results]. I look forward to your feedback and any further discussion on this research topic.

Thank you for your attention to this matter.

Sincerely,

[Your Name]  
[Your Title/Position]  
[Your Institution or Organization]