

# Comparing Empirical Methods

ECE1785: Assignment 1 - Comparison of Methods

1<sup>st</sup> Given Name Surname  
*dept. name of organization (of Aff.)*  
*name of organization (of Aff.)*  
City, Country  
email address or ORCID

2<sup>nd</sup> Given Name Surname  
*dept. name of organization (of Aff.)*  
*name of organization (of Aff.)*  
City, Country  
email address or ORCID

3<sup>rd</sup> Given Name Surname  
*dept. name of organization (of Aff.)*  
*name of organization (of Aff.)*  
City, Country  
email address or ORCID

*Abstract—*

## I. INTRODUCTION

This document is a model and instructions for L<sup>A</sup>T<sub>E</sub>X. Please observe the conference page limits.

## II. HOW TO BREAK AN API

How to Break an API: Cost Negotiation and Community Values in Three Software Ecosystems [1]

A. *Method*

B. *Research Questions*

C. *Evidence used to reach conclusion*

## III. NEED FOR TWEET

Need for tweet: How open source developers talk about their github work on twitter. [2]

A. *Method*

B. *Research Question*

C. *Evidence used to reach conclusion*

## IV. DIFFERENCES IN METHODS

### V. DIFFERENCES BETWEEN QUALITATIVE AND QUANTITATIVE

### VI. WHEN EACH METHOD IS APPROPRIATE

A. *Qualitative*

B. *Quantitative*

### VII. WEAKNESSES OF EACH METHOD

A. *Qualitative*

B. *Quantitative*

## VIII. CONCLUSION

## REFERENCES

- [1] C. Bogart, C. Kästner, J. Herbsleb, and F. Thung, "How to break an api: cost negotiation and community values in three software ecosystems," in *Proceedings of the 2016 24th ACM SIGSOFT International Symposium on Foundations of Software Engineering*, 2016, pp. 109–120.
- [2] H. Fang, D. Klug, H. Lamba, J. Herbsleb, and B. Vasilescu, "Need for tweet: How open source developers talk about their github work on twitter," in *Proceedings of the 17th International Conference on Mining Software Repositories*, 2020, pp. 322–326.