

To be Defined

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Abstract—TBD

**Index Terms—Software Engineering, Software Maintenance,
Software Quality, Open Source Software**

I. INTRODUCTION

A. *TBD*

TBD

B. *TBD*

TBD

II. RELATED WORKS

[1]

III. RESEARCH QUESTIONS

A. *Do different type of changes have different level of impact on software quality?*

B. *Do longer commit messages imply higher software quality?*

C. *Is there any relation between commit message lengths and commit types?*

Are those relations causal relations or correlations?

IV. DATA COLLECTION

V. APPROACH

To be defined

VI. RESULTS

To be defined

VII. THREATS TO VALIDITY

TBD

VIII. CONCLUSIONS

To be defined

ACKNOWLEDGMENT

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REFERENCES

- [1] A. Hindle, D. M. German, M. W. Godfrey, and R. C. Holt, "Automatic classification of large changes into maintenance categories," in *2009 IEEE 17th International Conference on Program Comprehension*, May 2009, pp. 30–39.