



# The Organizational Impacts on Software Quality and Defect Estimation

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# Discussion Topics

- Introduction
- Defect Concepts
  - Definition of a defect
  - Static vs. Dynamic Discovery
- Defect Estimation Methods
  - Linear Regression
  - Capture/Recapture
  - AI
- Defect Estimation Variables
- Further Research
- Conclusion

# Introduction

- Defect Estimation
  - The act of “guessing” the number of defects that exist in a current software baseline
- Purpose of this paper is to determine the usefulness of metrics that are not explicitly tied to the code to make the estimates