

# What Questions do Developers Ask During Code Review?

The internal process from start to finish.

## Introduction

- More than 22 million hours spent daily on code reviews.
- Gap in research on internal process and questions during code reviews
- Knowledge of questions can improve tools, specifically AI-assistance.

## Method

- Ethnographic study
- 11 Participants
- 35 Recorded code review sessions

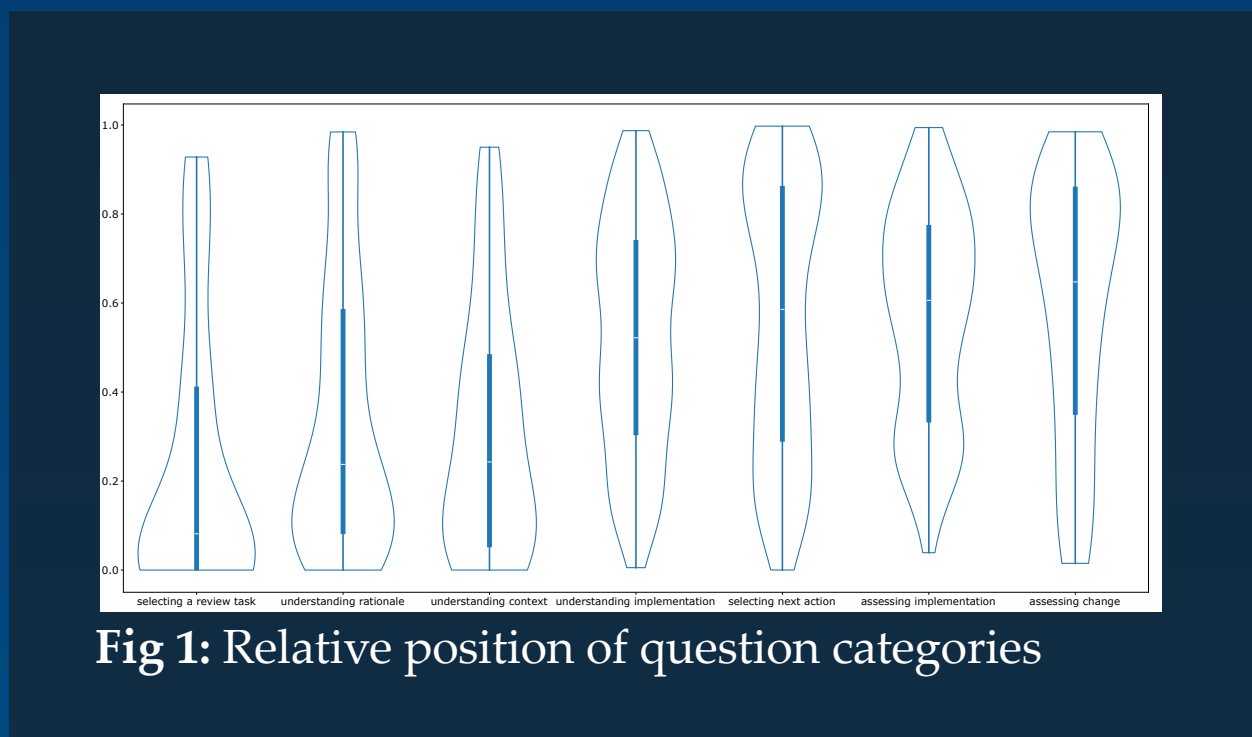


Fig 1: Relative position of question categories

## Results

- 7 categories of questions:
  - assessing change
  - assessing implementation
  - selecting a review task
  - selecting next action
  - understanding context
  - understanding implementation
  - understanding rationale

Distinct phases during the review with focus on different questions.

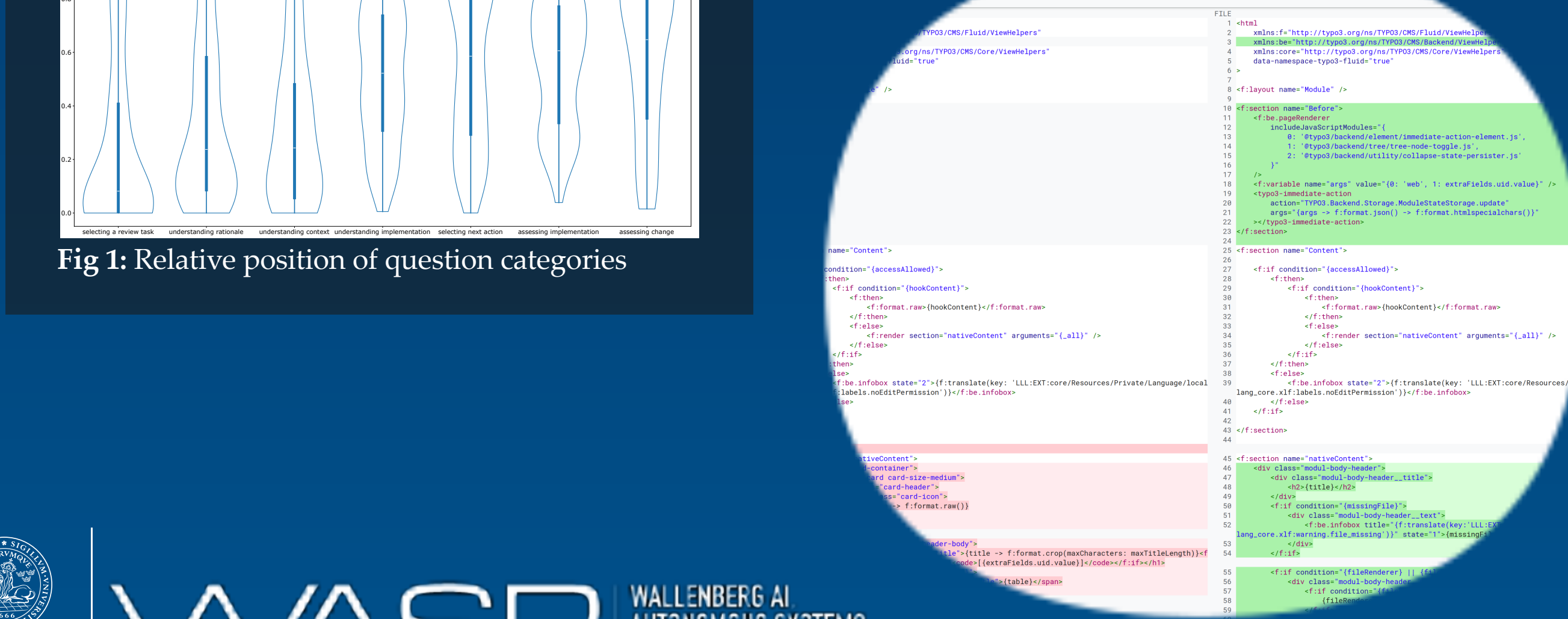


Fig 2: Sequence of question categories

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