# How are we Teaching Ethics?

## A Systematic Literature Review

### Presentation of Work in Progress

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Our community has done great work to integrate ethics within CS.

**?** But what are we teaching?

What best practices are we sharing with the community?

# Method: Systematic Literature Review

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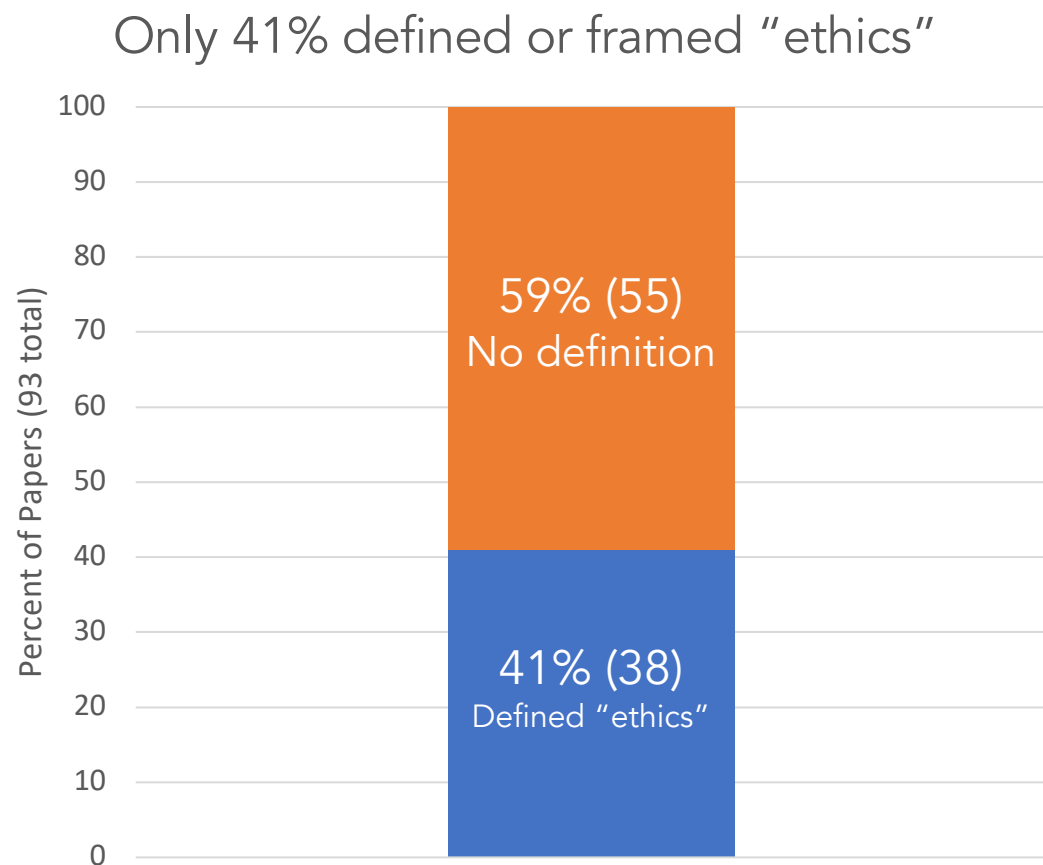
Qualitatively analyzed the data to uncover trends in how we are teaching ethics

# What we found: we are teaching ethics in CS!
## (in a lot of different ways)

Going forward, this means…

# We can define what we mean by "ethics."

Only 41% defined or framed "ethics"



Definitions include:

- Ethical theories
- Social impact
- Professionalism
- Computing concepts (e.g., privacy, hacking, personal data)

# We can share our resources.

Most common pedagogical strategies:

Discussions

Lectures

Readings

Writing assignments

# We can develop strategies to overcome the challenges.

Not enough time

CS faculty is not trained in ethics

Students view ethics as less important

Lack of resources

Hard to assess

We can move towards specific suggestions for how to best teach ethics in CS.

# How are we Teaching Ethics?
## A Systematic Literature Review of 40 years of ACM CS Ed papers
### Work in Progress

**Takeaways**:
- A lot of people are teaching ethics!
- It's not super clear what we are teaching
- We are teaching ethics using a variety of strategies
- This is still challenging
- Going forward, we can call for research and shared resources on what to teach, how to best teach it, and how to overcome the challenges

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