

DO RESEARCH SOFTWARE DEVELOPER PERSONAS EXIST? ARE *YOU* AN RS-10X?

Identifying Distinct Developer/Repository Interaction Types by Mining GitHub Data

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0: Research Context

- What is **Research Software**? Why is it often so bad?
- What are development practices in 'typical' real world RS projects?
- Are there differing 'clusters' of practices?
- Can we identify those clusters as RS Personas?

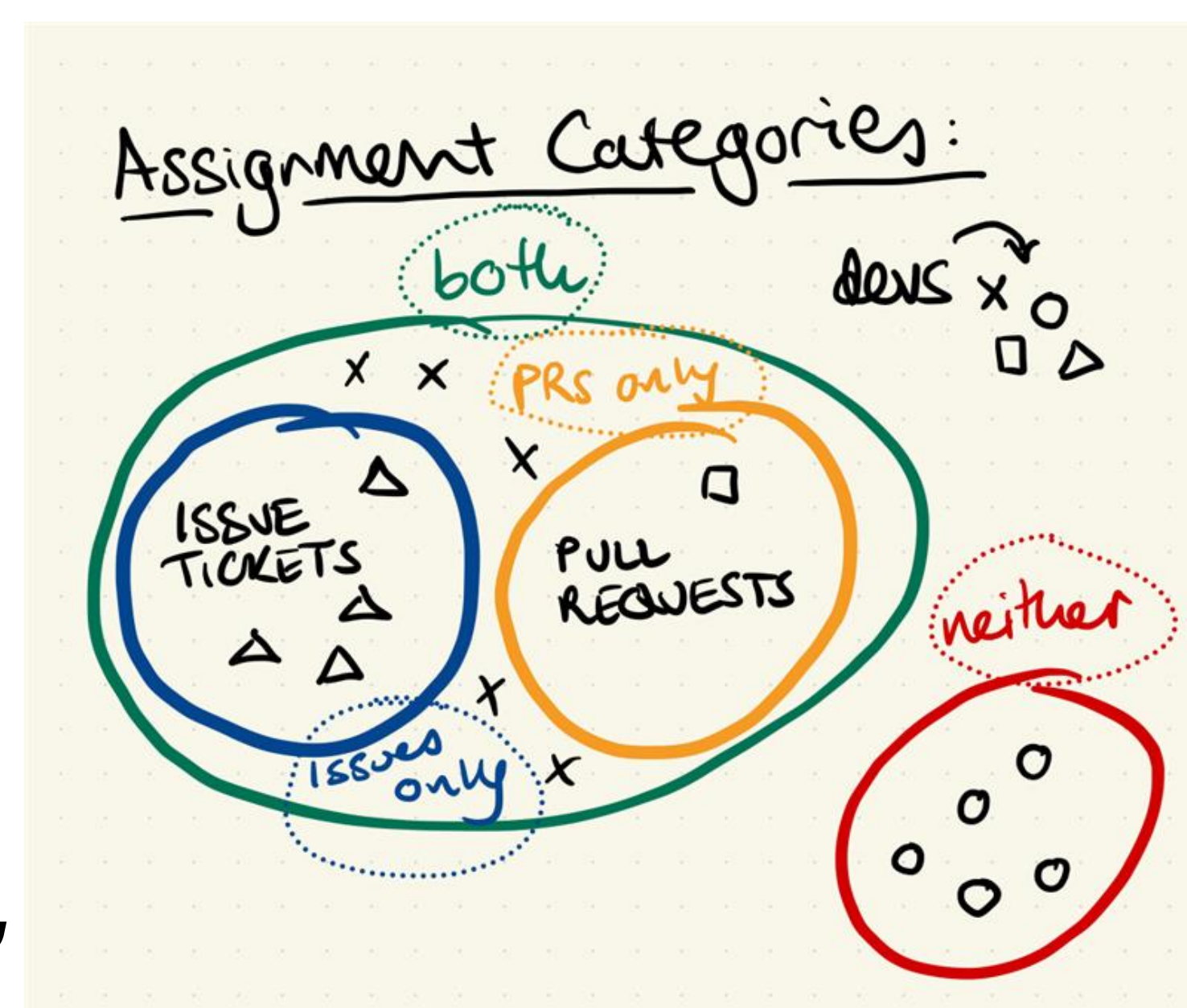
GOAL: Use assignment and contributions data to look for RS 'superstar' developers...

1: Research Goals & Methods

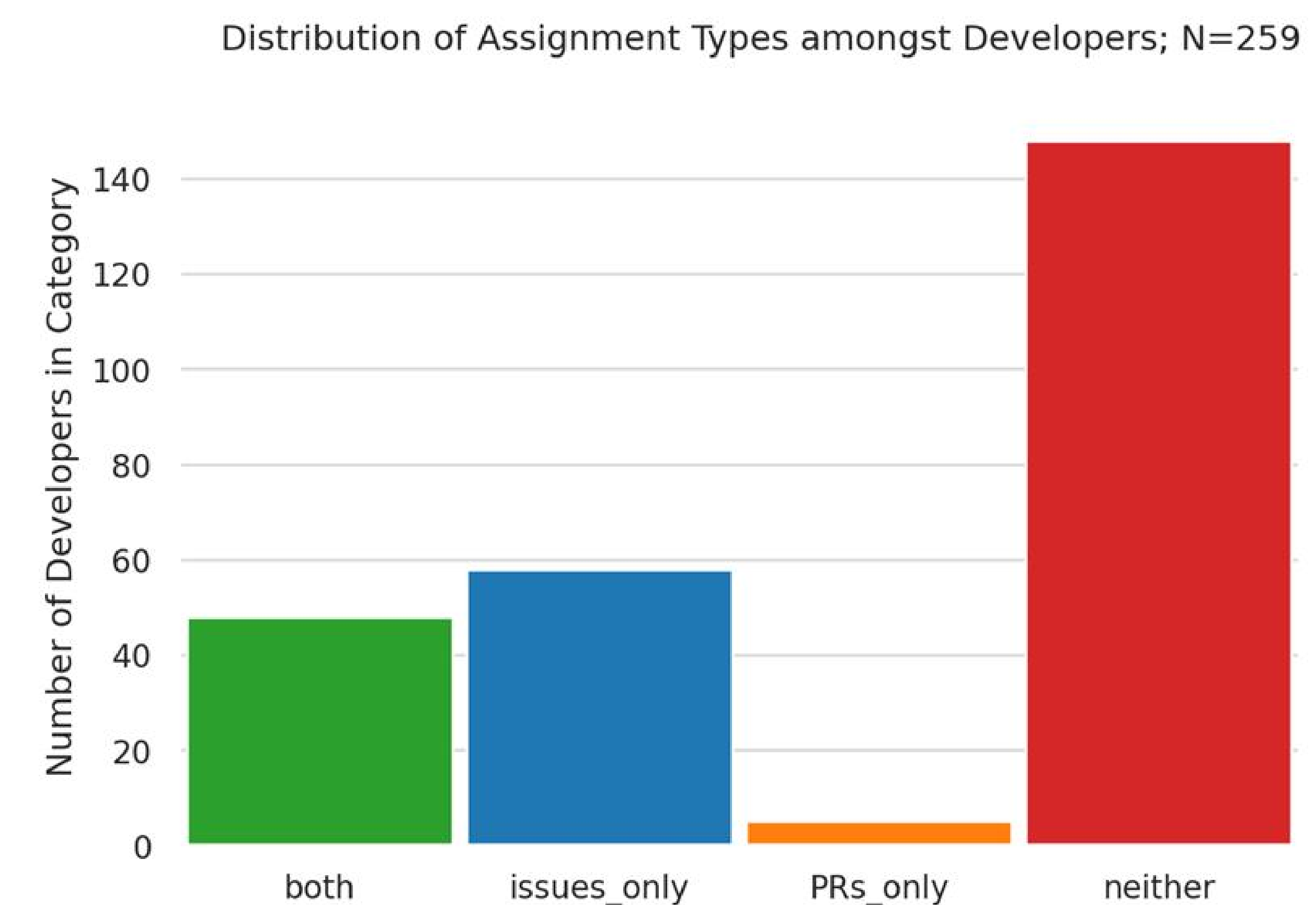
Mining **GitHub** repository data

Focusing on Issue Tickets / Pull Requests in 10 largeish repos

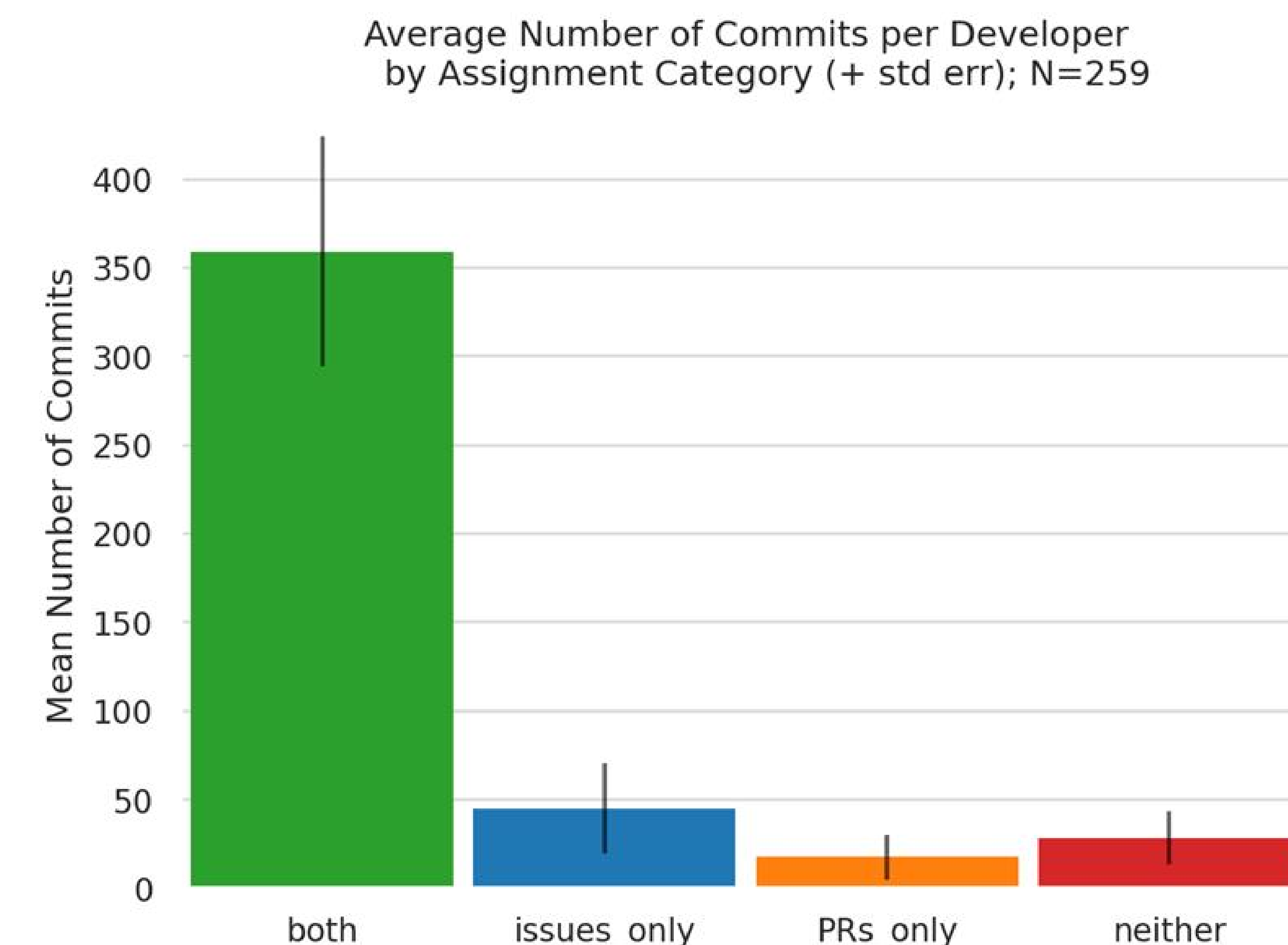
Assignment \approx 'responsibility'
Commits \approx 'activity'



2: (Some) Results



Only ~20% of devs assigned to BOTH tickets & PRs...



... But their commit numbers are higher...

Find out more at my poster!