

Exploring Text-entry and Mobile Use Metrics as Disease Endpoints

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Study Goals and Considerations

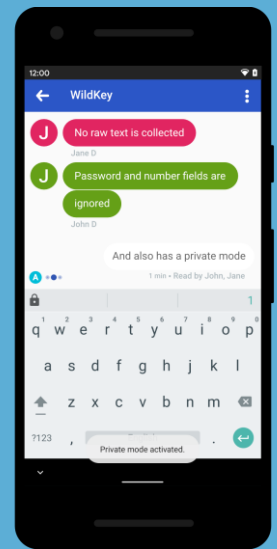
- Explore Text-entry and Mobile Use Metrics as Disease Endpoints
- WildKey analyzes all data locally on the device before it synchronizes computed metrics

Current Status

- Metrics for Social and Typing computed
- Exploratory analysis per cohort, tup, and period of day

Tools

Wildkey
Typing

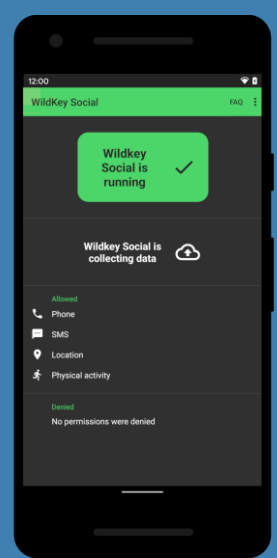


Collect everyday typing data, enabling continuous and spontaneous assessments, without collecting any sensitive information.

Best Paper Award

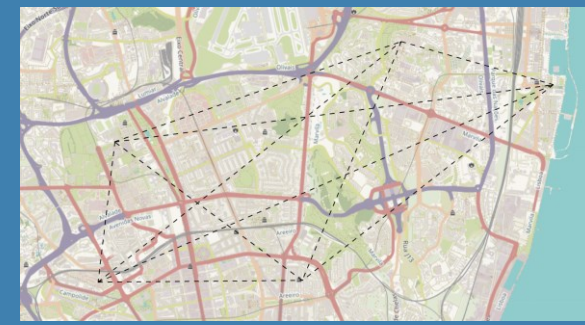
André Rodrigues, Hugo Nicolau, André Santos, Diogo Branco, Jay Rainey, David Verweij, Jan Smeddinck, Kyle Montague, Tiago Guerreiro. Investigating the Tradeoffs of Everyday Text-Entry Collection Methods" CHI '22: Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems.

Wildkey
Social

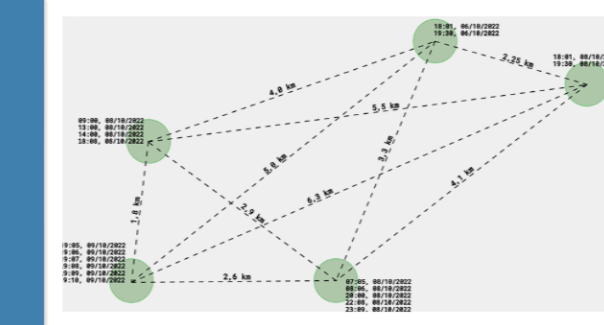


Collect location, used app categories, physical activity, ambient light, screen states, call and SMS events.

What you do

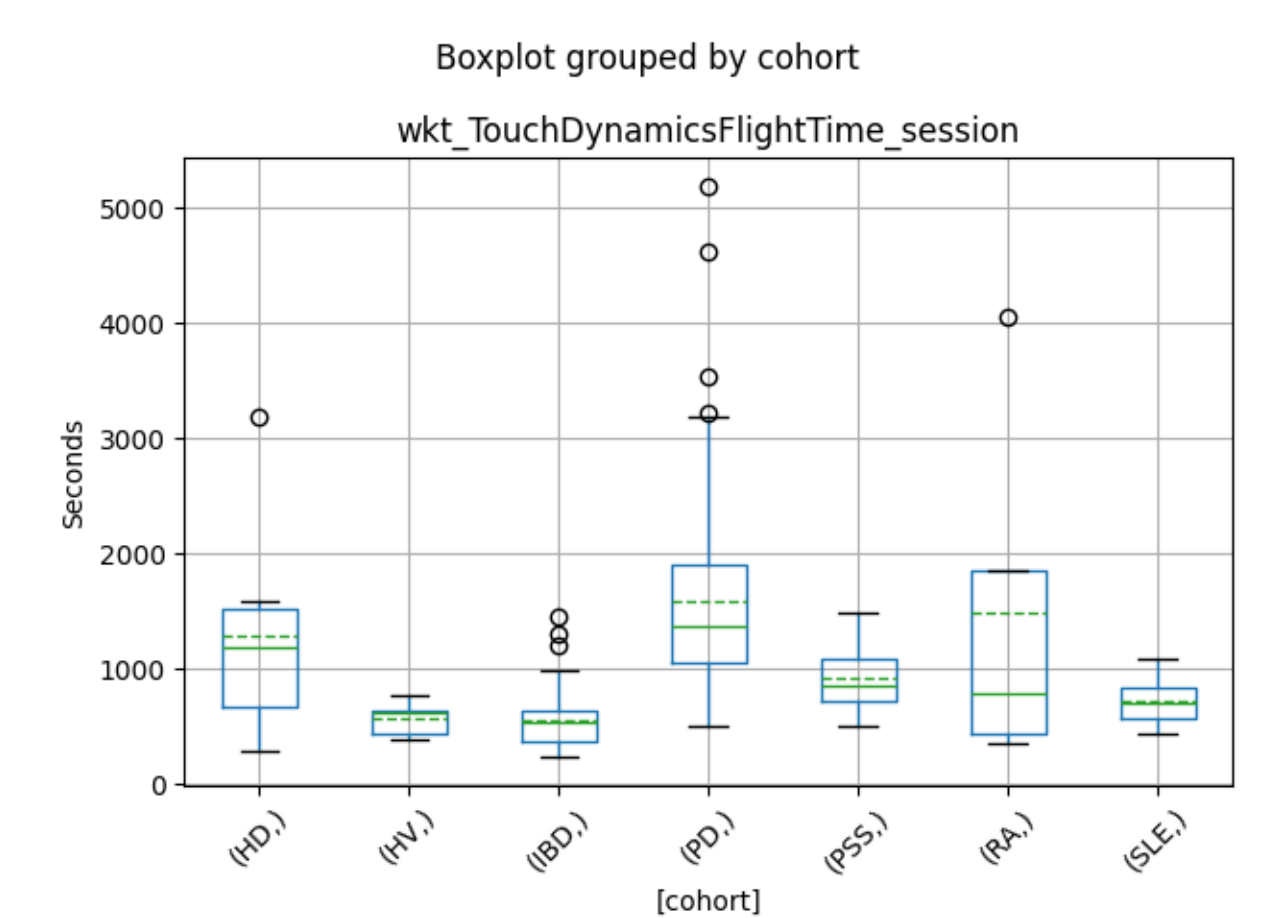
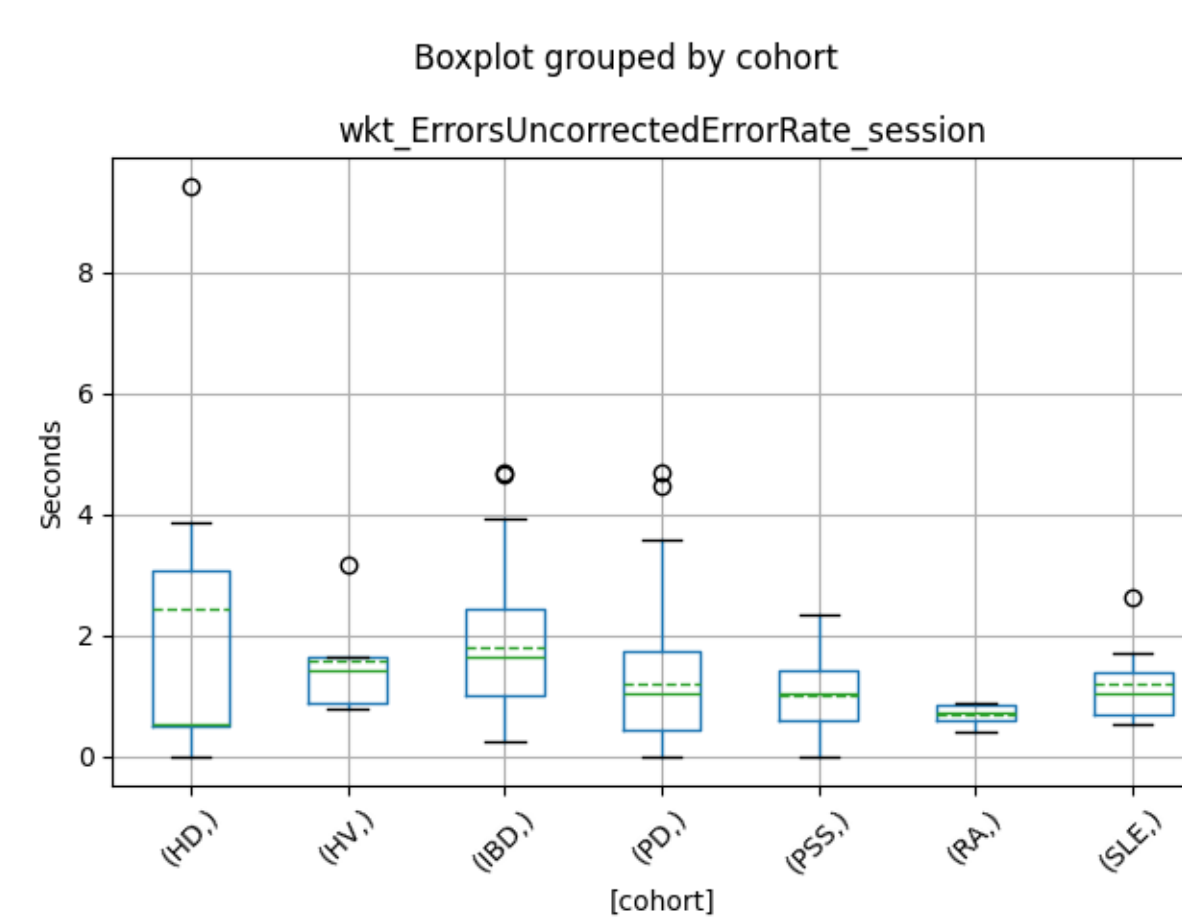
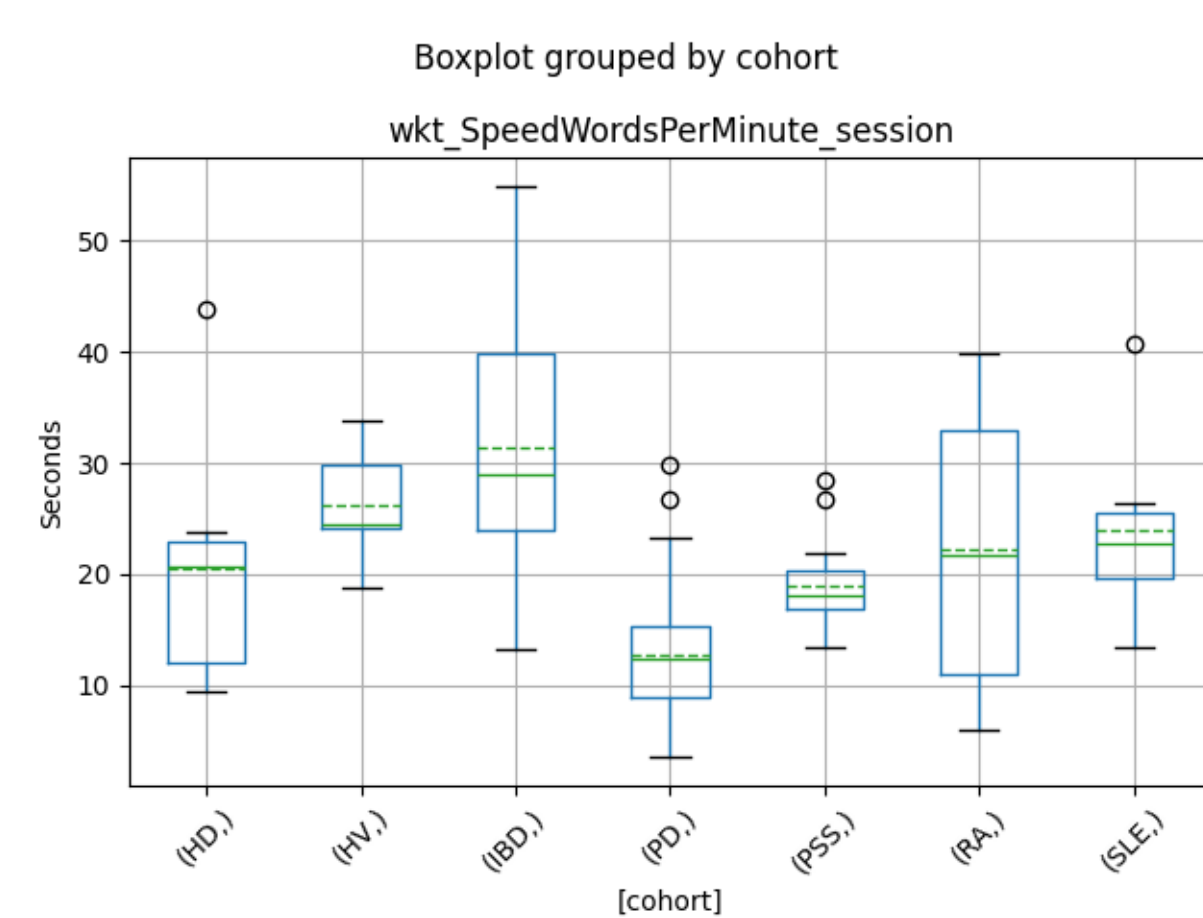
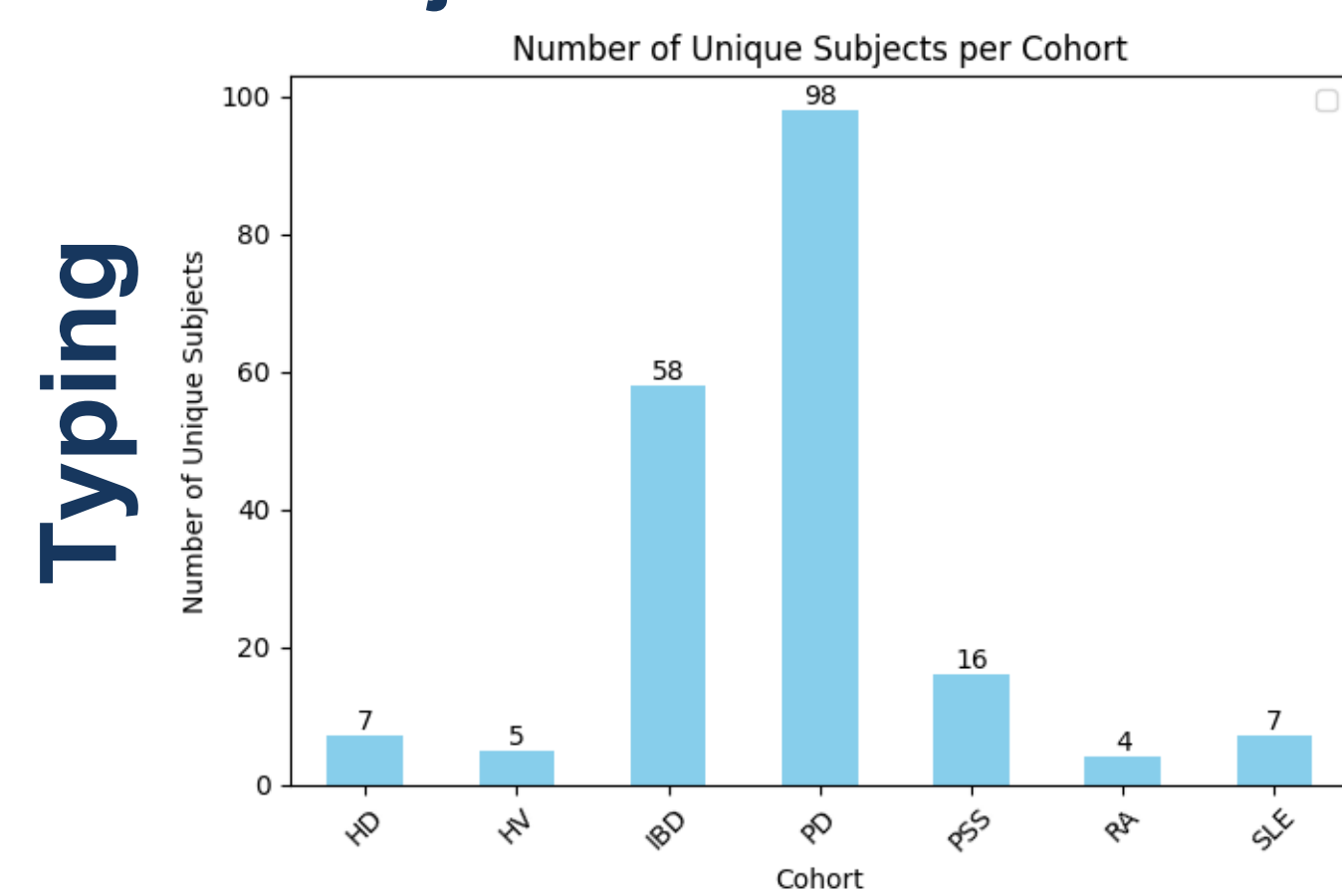


What we get

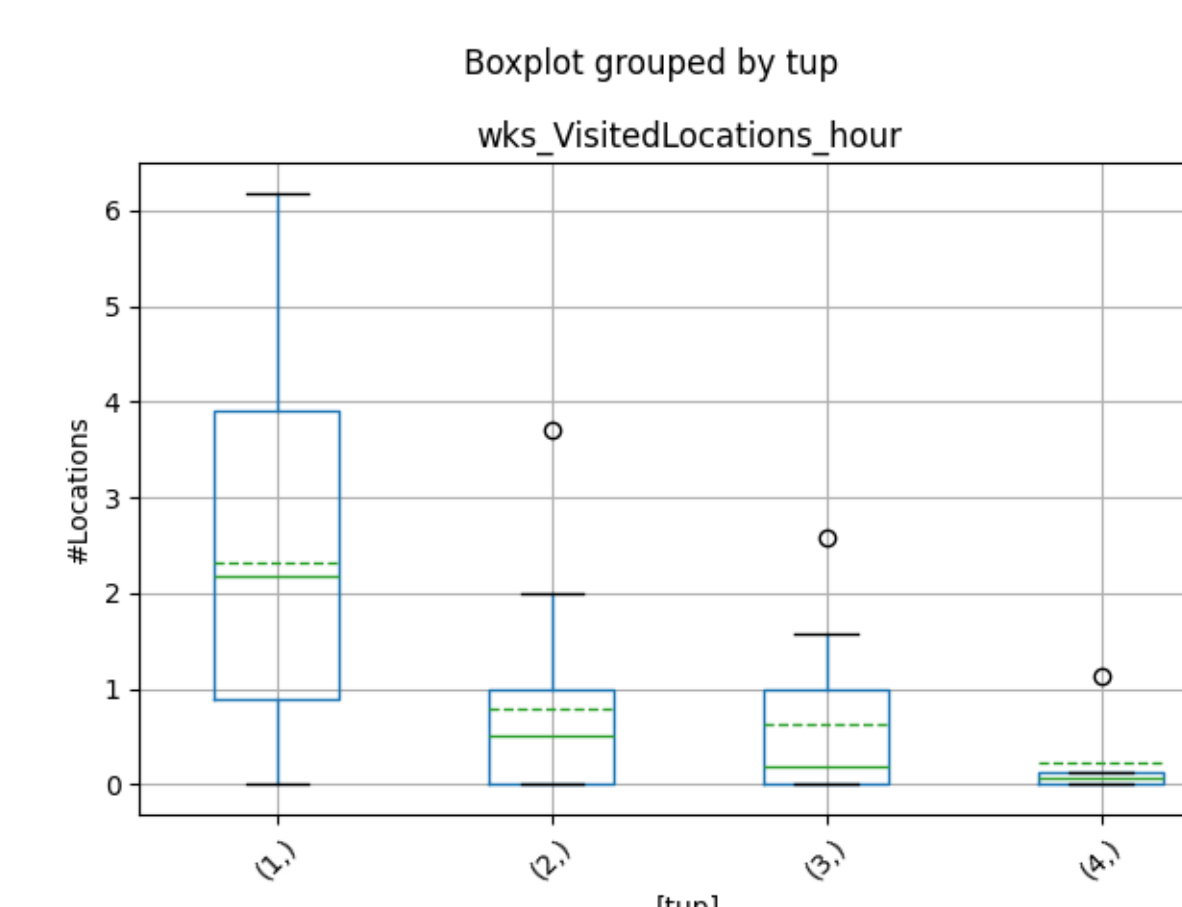
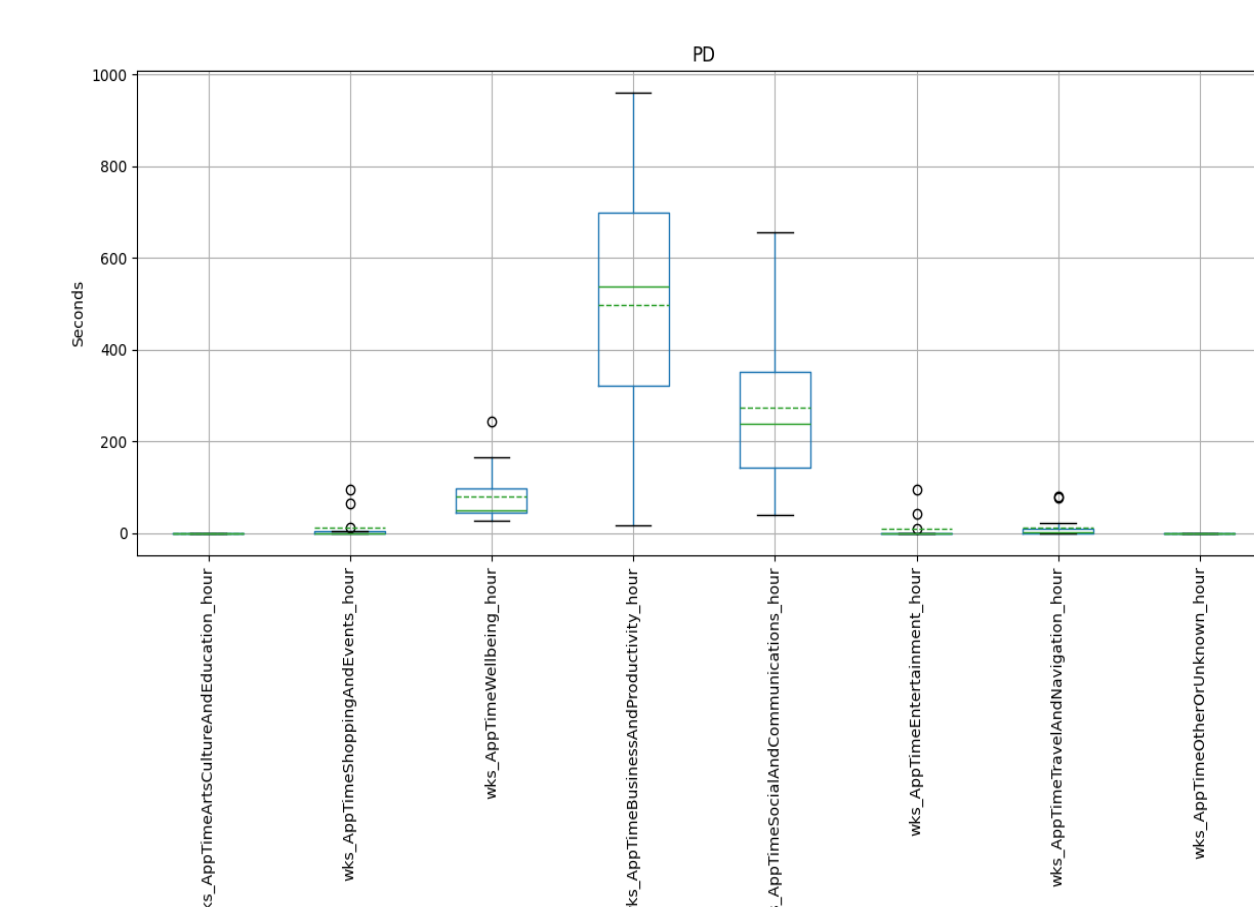
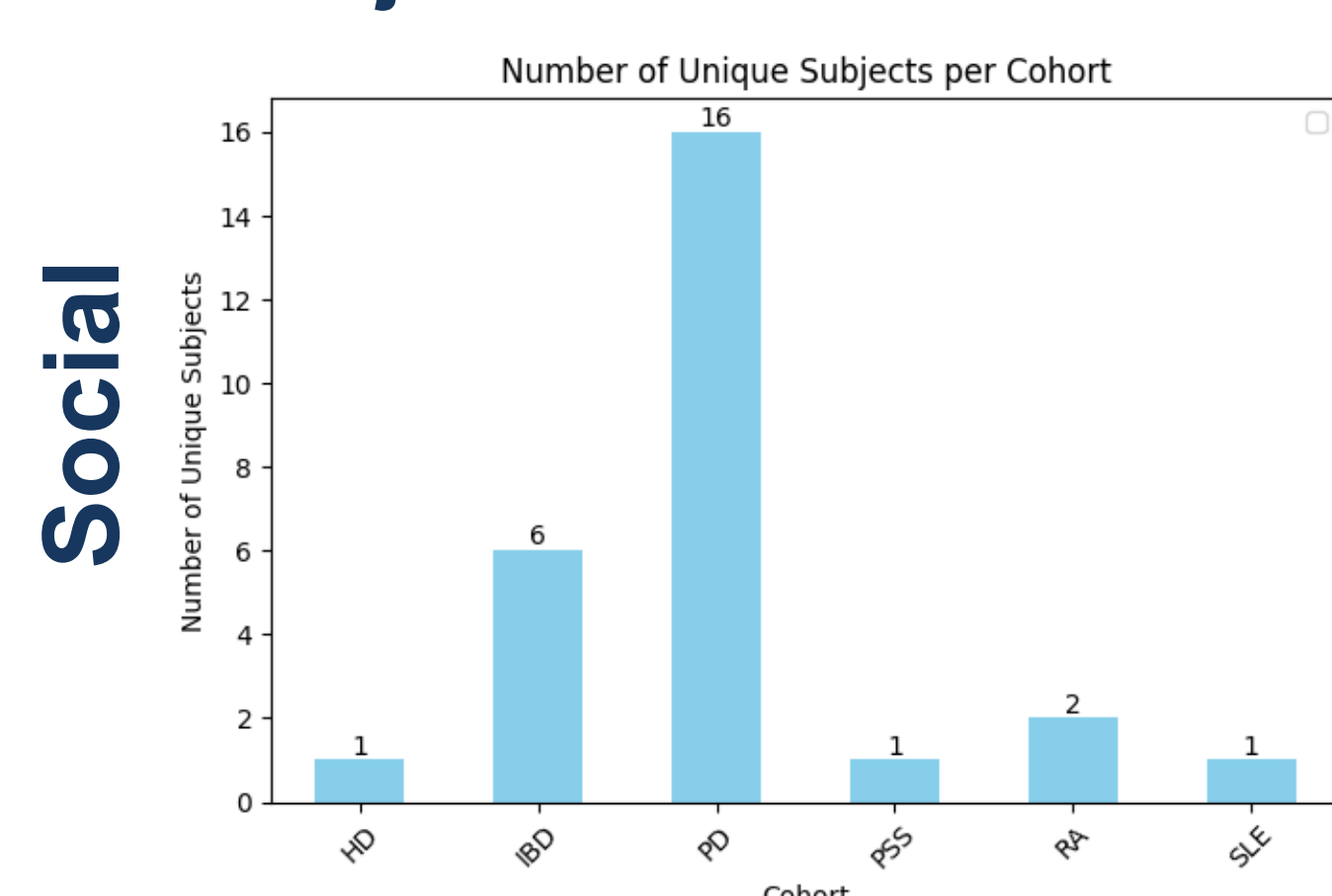


Results

195 subjects



27 subjects



Limitations and Issues

- 35% of sites have data for social
- 65% of sites have data for typing