

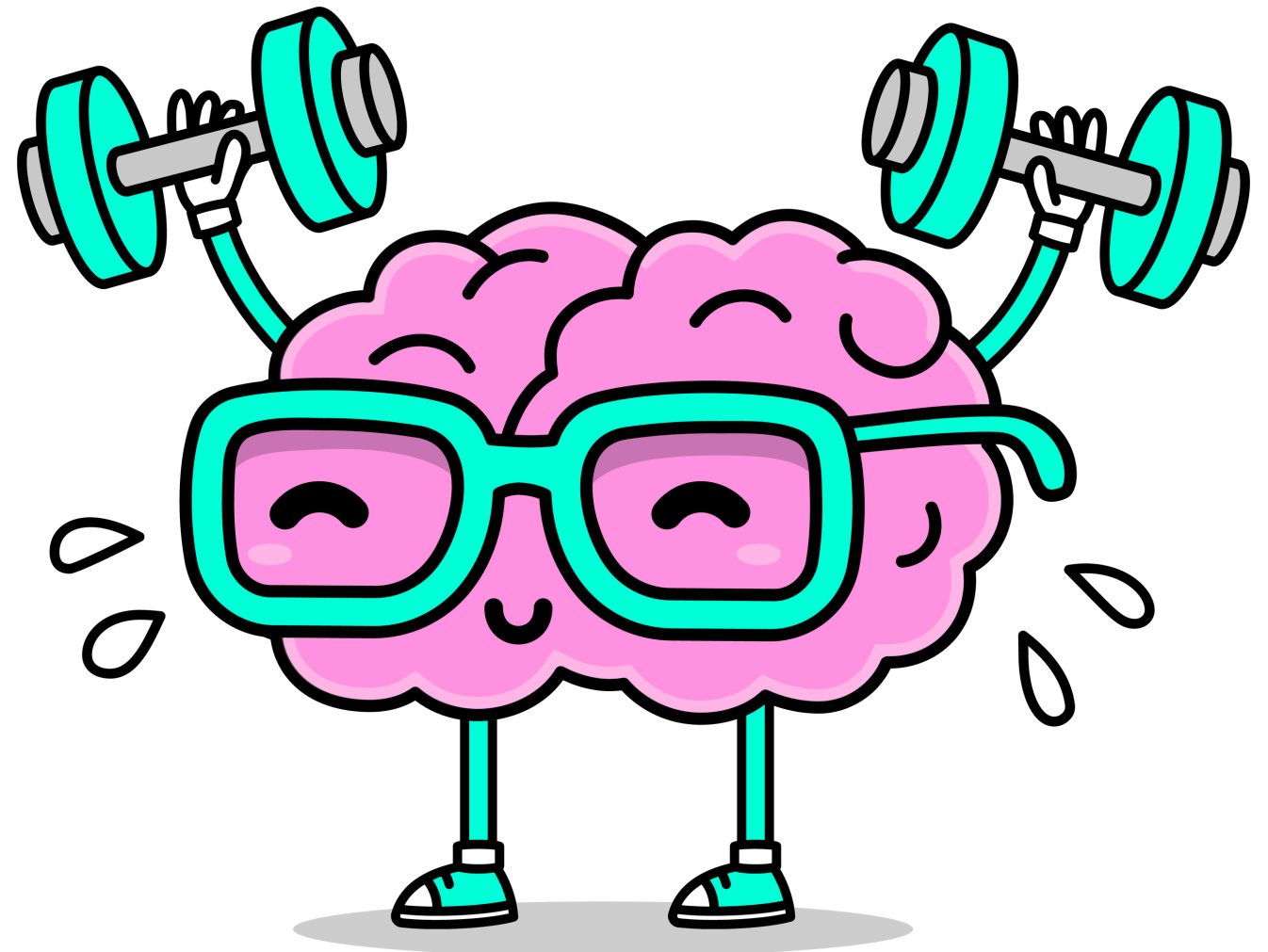
A SHORT COMMENTARY ON: “WOULD JOHN DEWEY WEAR A FITBIT? A PRAGMATIST ANALYSIS OF SELF-TRACKING TECHNOLOGIES’ IMPACT ON HABIT FORMATION”

Juraj Sikra, Diana Dimitrova, Lea Sophie Singson

WHAT’S BEEN FOUND: WIECZOREKS THEORIES

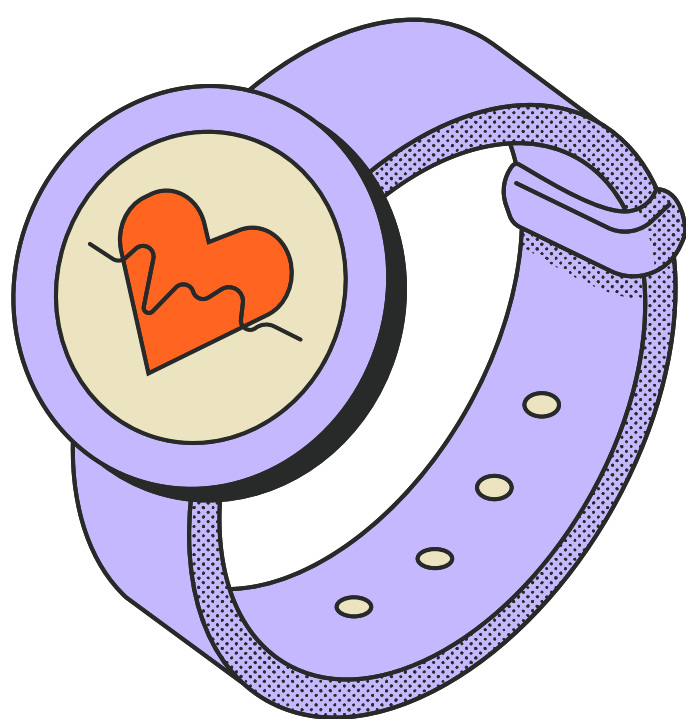
current technologies in wearables do not achieve a habit development in the users, because of lack of data transparency, -amount and -access:

- No access to all the data collected, and only superficial insight compared to collector.
- The results displayed to the user are based on undisclosed calculations.
- Wearables usually do not collect enough data to enable meaningful reflection of the results.



OUR TWO CENTS: THINK INTERDISCIPLINARILY!

HUMAN-CENTRIC APPROACH TO TECHNOLOGY



• Fitbits as high-risk under the AIA?

Subtle manipulation of sports habits: regulators vs ethical obligations of researchers and developers.

• Zliobaite’s ‘concept drift’

Underlying problem is not static, changes over time.

• Data-driven models vs humans

How to model data-driven sports technologies and how to interpret the obtained data by scientists.