







# Ally: A Smartphone-based **Physical Activity Intervention**

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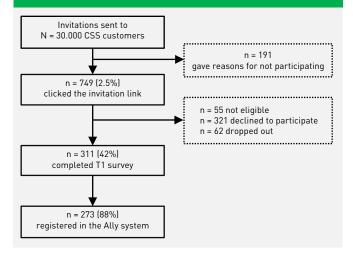
### 1. Background

No behavior has an impact on human health as great as physical activity (PA). We therefore developed Ally, a smartphone-based 6-week PA intervention. Ally seeks to exploit the ubiquity and sensing capabilities of mobile phones to adapt the provision of PA interventions to the context of the user.

## 3. JITAI Framework



#### 5. Recruitment Process

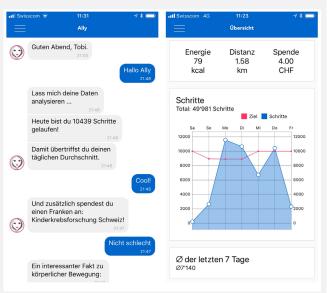


#### 2. Research Questions

- (1) What are effective components of Ally, a mHealth physical activity intervention?
- Can mobile sensor data predict opportune moments for interventions?

### 4. Ally Field Study

We conduct a longitudinal factorial experiment to test intervention components and collect a variety of sensor data.



#### References

Florian Künzler, Jan-Niklas Kramer & Tobias Kowatsch (2017) Efficacy of mobile context-aware notification management systems: systematic literature review and meta-analysis", 2017 IEEE 13th International Conference on Wireless and Mobile Computing, nunications (WiMobl. 131-138. doi:10.1109/WiMOB.2017.8115839











