

## **Smartphones: from surveys to sensors**

by

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### **Abstract**

In many countries, and for people of most ages, the smartphones forms an integral part of life. In many countries, smartphones are replacing traditional PCs and laptops as the primary device to browse the Internet, and use social media. In the last couple of years, researchers have experimented with smartphones as a method of data collection. This presentation focuses on recent studies that have aimed to study how smartphones can be used. 1. As a device to administer surveys and 2. To acquire additional behavioral data using sensors. In particular I will discuss:

- why you should want to do research using smartphones
- how web questionnaires should be adapted to become smartphone-friendly, and whether you should worry about device effects
- ways in which data can be collected on a smartphones: browsers and apps
- issues related to willingness and consent to participate in smartphone studies that collect behavioral data
- how such behavioral data can potentially be used to enrich survey data, using GPS locations as an example.