Investigating Hand-Size and Mobile Touch Interactions

Iris Figalist
Ludwig-Maximilians-
Universität
Munich, Germany
I.Figalist@campus.lmu.de

Jonas Mattes
Ludwig-Maximilians-
Universität
Munich, Germany
J.Mattes@campus.lmu.de

Sarah Prange
Ludwig-Maximilians-
Universität
Munich, Germany
Sarah.Prange@campus.lmu.de

ABSTRACT

UPDATED—August 10, 2016. This sample paper describes the formatting requirements for SIGCHI conference proceedings, and offers recommendations on writing for the worldwide SIGCHI readership. Please review this document even if you have submitted to SIGCHI conferences before, as some format details have changed relative to previous years. Abstracts should be about 150 words and are required.

ACM Classification Keywords

H.5.m. Information Interfaces and Presentation (e.g. HCI): Miscellaneous; See http://acm.org/about/class/1998/ for the full list of ACM classifiers. This section is required.

Author Keywords

Authors' choice; of terms; separated; by semicolons; include commas, within terms only; required.

——————————Sarah ————————————-

INTRODUCTION

- interaction with mobile devices is daily routine, part and parcel of everyday life

- devices are very different small « big

- people have very different hand sizes - and different devices

- mobile touch interaction differs widely with hand and device size

- one-handed interaction is difficult

- smart device might be even smarter if it could know about the user's hand size

——————————Iris ————————————-

RELATED WORK

Infos aus [**?**]

STUDY

- warum haben wir diese Tasks gewÃd'hlt

- warum die Activities

- was haben wir wie warum gemacht

- wie haben wir damit unsere Studie durchgefÃijhrt

Study Design

- jeder hat alle Tasks gemacht (ist das dann "between subjects" oder so Ãd'hnlich?)

- welche Interaktionen

- welche Daten wurden gemessen

App

- Aufbau

- einzelne Activities auffÃijhren

- welche Daten wurden gemessen (DB-Schema)

Participants

——————————Sarah ————————————-

Procedure

=> Studienaufbau

——————————Jonas ————————————-

=> was haben wir ausgewertet
"Signifikanz nicht untersucht, da nicht explorativ" !!!!! ... am interessantesten war dieses und jenes ... darauf eingehen => Plot zeigen und erlÃd'utern

RESULTS

=> das korreliert mit xy

DISCUSSION

——————————Sarah ————————————-

CONCLUSION AND FUTURE WORK

- investigating hand size on mobile touch interactions is challenging

- difficult to determine hand size from mobile touch interactions

- Conclusion: am vielversprechendsten ist vermutlich ... Wie wÃijrde man speziell dieses noch in neuer Studie untersuchen

- weitere Daten angucken und evaluieren

- we have higher correlation with predetermined hand position => eventually investigate that further

- make mobile interaction smarter (Bezug zur Introduction nehmen)

REFERENCES FORMAT