



HAL
open science

Elements for an epistemology of instrumentation and collaboration in Twitter data research

Eglantine Schmitt

► **To cite this version:**

Eglantine Schmitt. Elements for an epistemology of instrumentation and collaboration in Twitter data research. 1stInternational Conference on Twitter for Research, Apr 2015, Lyon, France. , 2015. halshs-01153895

HAL Id: halshs-01153895

<https://shs.hal.science/halshs-01153895>

Submitted on 20 May 2015

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

Twitter in Academia

how it's done, who does it, and why

Elements for an epistemology of instrumentation and collaboration in Twitter data research

Eglantine Schmitt (UTC, Compiègne – Proxem, Paris)

eglantine.schmitt@utc.fr

Method

- **Bibliometrics:** identification of all scientific publications regarding Twitter via Google Scholar, during 6 months (July-February 2013, n=282)
- Analysis of abstracts and metadata to find research field and methods used
- A lot of previous readings!

Main findings

- Equal number of publications in computer sciences and social sciences
 - Old methods and new questions in social sciences (and sometimes no Twitter data)
 - Old questions and new methods in computer sciences
- autonomous development of techniques without “real-world” questions

Perspectives

New methods for new questions:

- Actual teamwork *before* starting to build tools (no hierarchical organization, no sponsor *vs* subordinate roles)
- Co-creation of research questions reflecting both what can actually be done and what matters
- Epistemology as a bridge between fields (Galison 1996 ; Bénel 2013)

