

# Lecture 24: More Measurement

Friday, November 24, 2023

Your Teaching Fellows:

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Lectures: MWF 12:00 PM – 1:00 PM (003); 1:00 PM – 2:00 PM (004); 2:00 PM – 3:00 PM (010)

Office hours: Tuesdays 2:00 PM – 4:00 PM
















**DO YOUR TEACHING EVALS PLS**



## Other methods...

- Systematic observation
  - Observations of specific behaviours in a more controlled setting
  - Coding is often introduced to categorise what is being observed



AU1  Inner brow raiser	AU2  Outer brow raiser	AU4  Brow Lowerer	AU5  Upper lid raiser	AU6  Cheek raiser
AU7  Lid tighten	AU9  Nose wrinkle	AU12  Lip corner puller	AU15  Lip corner depressor	AU17  Chin raiser
AU23  Lip tighten	AU24  Lip presser	AU25  Lips part	AU26  Jaw drop	AU27  Mouth stretch

<https://youtu.be/QTsewNrHUUH>



## Other methods...

- “Directly upon sighting (or even hearing) the approach of the parent, a few of the infants who had been left unclassified exhibited confusion. In some cases, this was shown in a mixed greeting. One infant hunched her upper body and shoulders at hearing her mother’s call, then broke into extravagant laugh-like screeches with an excited forward movement. Her braying laughter became a cry and distress-face without a new intake of breath as the infant hunched forward. Then suddenly she became silent, blank and dazed. A few infants had an immediate expression of fear, or sadness mixed with fear, although such expressions were of brief duration.”

**WRONG WRONG WRONG WRONG,  
WRONG WRONG WRONG WRONG.**

**YOU'RE WRONG**

<https://vimeo.com/187746990>



<https://vimeo.com/187746927>

<https://vimeo.com/187746926>

<https://vimeo.com/187749184>

## Indigenous peoples' research

- Indigenous research methodologies make heavier use of qualitative methodologies than mainstream academia



- Cultural practise of oral tradition → greater comfort in expressing ideas

## Indigenous peoples' research

- Research involving Indigenous communities require relationship building
  - Research timelines much longer than conventional projects
  - Talking Circles as a research methodology:



## **Error 404 – Indigenous research Not Found**

- Mainstream academia's reliance on quantitative methodologies – Indigenous knowledge receives little recognition
- Many academics not trained in interpreting qualitative data
- Few Indigenous researchers (vs. non-Indigenous researchers)
  - Not enough people producing Indigenous knowledge; what exists is ignored

## Other methods...

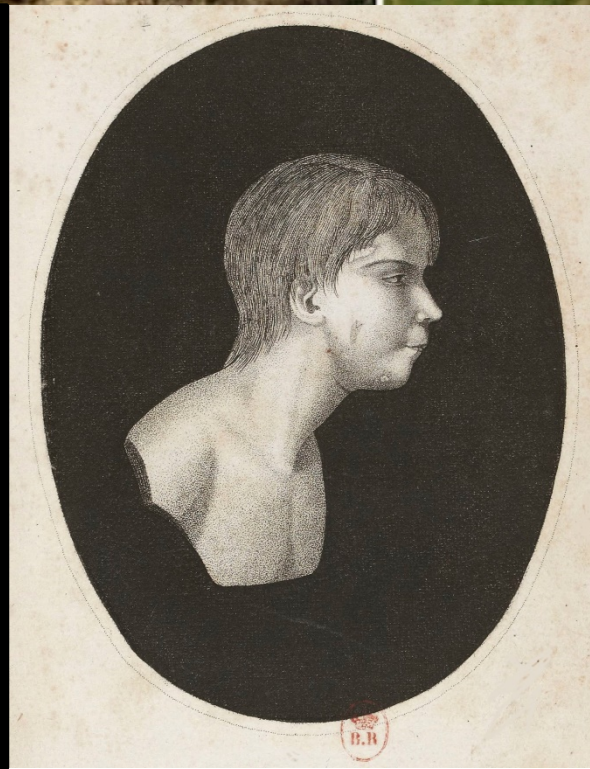
- Case studies
  - Very common in, but not exclusive to, clinical psychology
  - Studying specific cases in great detail



## Other methods...









## Other methods

- Archival research
  - Gathering information through archival records (e.g. statistical reports, newspaper articles, speeches)
  - Researchers use content analysis to analyse documents and records

