

BEFORE MODEL TRAINING

CRAFTING HIGH-QUALITY TEXT ANNOTATIONS FOR MACHINE LEARNING

ALINA HERDERICH, SOFIE LABAT, JANA LASSER

A WORKSHOP FOR ICWSM 2024, JUNE 3, 2PM-6PM



**IN THIS TUTORIAL, WE WILL EXPLORE
HOW TO CREATE AND APPLY HIGH-QUALITY
ANNOTATION SCHEMES FOR THE AUTOMATIC
CLASSIFICATION OF TEXT DATA FROM THE
BOTTOM-UP.**



JANA LASSER

PROFESSOR FOR DATA ANALYSIS
UNIVERSITY OF GRAZ

Emergent phenomena in complex social systems, humans in
socio-technical environments, counterspeech, misinformation, honesty,
social media algorithms



SOFIE LABAT

PHD RESEARCHER
GHENT UNIVERSITY

Artificial emotional intelligence, emotion detection in
human interactions, conversations, coping, empathy, data perspectivism,
social biases in machine learning



ALINA HERDERICH

PHD RESEARCHER

GRAZ UNIVERSITY OF TECHNOLOGY, HARVARD UNIVERSITY

Conceptualization and measurement of psychological constructs,
data-driven theory development, mixed-methods approaches, emotion regulation,
counterspeech, reappraisal

TODAY'S SCHEDULE

2:00 - 2:15	Alina	Presentation	Introduction
2:15 - 2:35	Jana	Presentation	How modeling choices can inform data collection and annotation
2:35 - 2:55	Alina	Presentation	A short introduction to grounded theory
2:55 - 4:05	Alina	Practical	Creating an annotation scheme using deep reading and open coding
4:05 - 4:20			Break

TODAY'S SCHEDULE

4:20 - 5:20	Sofie [Alina]	Practical	Annotating data along a given framework
5:20 - 5:40	Sofie	Presentation	Trading agreement for disagreement - an introduction to perspectivism
5:40 - 6:00	Alina	Discussion	Final discussion & feedback

DISCUSSION & REFLECTION



**WHAT SURPRISED OR
IMPRESSED YOU TODAY?**

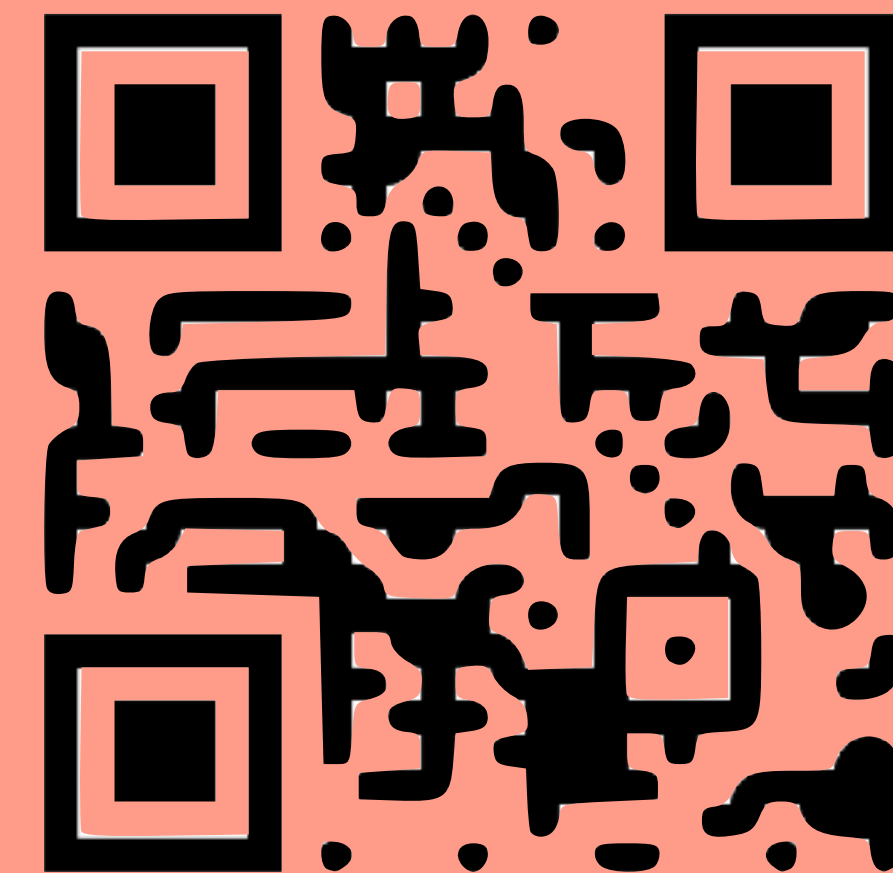
**WHAT CHALLENGES DID
YOU ENCOUNTER?**

**HOW DOES TODAY
RELATE TO YOUR OWN
PERSONAL WORK?**

**DID YOU FORM ANY
INTENTS FOR THE
FUTURE?**



**WE'D BE HAPPY
ABOUT YOUR
FEEDBACK!**



FBR.IO/ANNOTATION

STAY CONNECTED!



ALINA



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