



Classification of Normative Recommender Systems

Lucien Heitz

University of Zurich & Digital Society Initiative



The paper at a glance

Goals:

- Introduce class-based labeling system
- Communicate how norms are incorporated
- Easy and quick to understand

Use cases:

- Help compare and benchmark systems
- Estimate implementation cost and impact
- Create a shared vocabulary



Classification overview

| Class & Stage | Component | Impact |
|--------------------------------|------------|--------|
| Class 0, pre-processing stage | Dataset | High |
| Class 1, in-processing stage | Model | High |
| Class 2, post-processing stage | Re-ranking | Low |
| Class 3, evaluation stage | Metrics | None |



Q&A

Technical question and scope:

- What level of detail is adequate?
- Are there any missing components?
- Is there place for incorporating legal requirements?

Promotion and application:

- How do we best assess the impact?
- Do we need a common testing procedure for benchmarking?
- Who is the target audience, researchers, consumers...?



**Universität
Zürich** ^{UZH}

Department of Informatics – Dynamic and Distributed Information Systems Group



Thank you very much!

For more information, visit:
Informfully.ch/recsys_23.html

Contact:
Lucien Heitz, heitz@ifi.uzh.ch

