

Project: AI + Human Exploration of Daily
Moral Decisions

MORAL MOMENTS AUDIT 1

[24-S1-2-C-Moral-Decisions \(github.com\)](https://github.com/24-S1-2-C-Moral-Decisions)

Problematization Analysis

- **Problem Background**

- Overview of projects like Ask Delphi and Moral Machine Experiment
- Achievements in aligning AI with human moral values
- Limitations in addressing everyday moral decision-making

- **Problem Definition**

- Limitations of current AI ethics projects
- Focus on idealized or extreme moral dilemmas
- Lack of complexity in capturing everyday moral decision-making

- **Project Vision**

- Bridge the gap in current research
- Provide a more comprehensive understanding of everyday moral decision-making
- Develop an interactive Moral Profile Website and a large-scale Opinion Survey Website

- **Target Users**

- General Public: Explore moral dilemmas, participate in surveys
- Researchers and Academics: Study human moral decisions, AI's role
- Educators and Students: Use for moral education, discussions
- Policy Makers: Use insights for AI ethics, regulation

Project Plan

- Moral Moment and Opinion Survey UI Design
 - week1-week2
 - Milestone: Completion of UI/UX design of both homepage and survey page.
- Front-end Implementation and API Design
 - week3-week6
 - Milestone: Completion of a fully functional front-end and API document.
- Back-end Implementation
 - week7-week11
 - Milestone: Completion of back-end development, successful database integration and server setup.

Technical tools

- Open Source Tools
- Commercial Software
- AI models

Limitations



Data privacy and security



System reliability and stability

Project + Risk management

- Git + [Github organization](#) (Based on existing code repo)
- Vscode + Server (by Client) = Remote Dev
- Regression testing (API+Backend) + user test
- Jira (Not free) / [Github project](#) (free)
- Agile Dev (Daily stand-up + Client meeting) + code review
- Everyone point out (potential) risk/problem
- Find solution in meeting + record.



PROTOTYPE

Integrate with the client's
exciting website

Moral Dilemmas Dashboard

Choose an example AITA post.

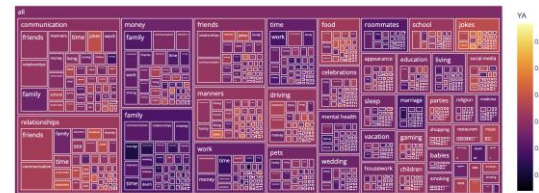
Select...

Or paste a URL of an AITA post.

Enter a URL

Moral Dilemmas Dashboard

Click on one topic to zoom in.

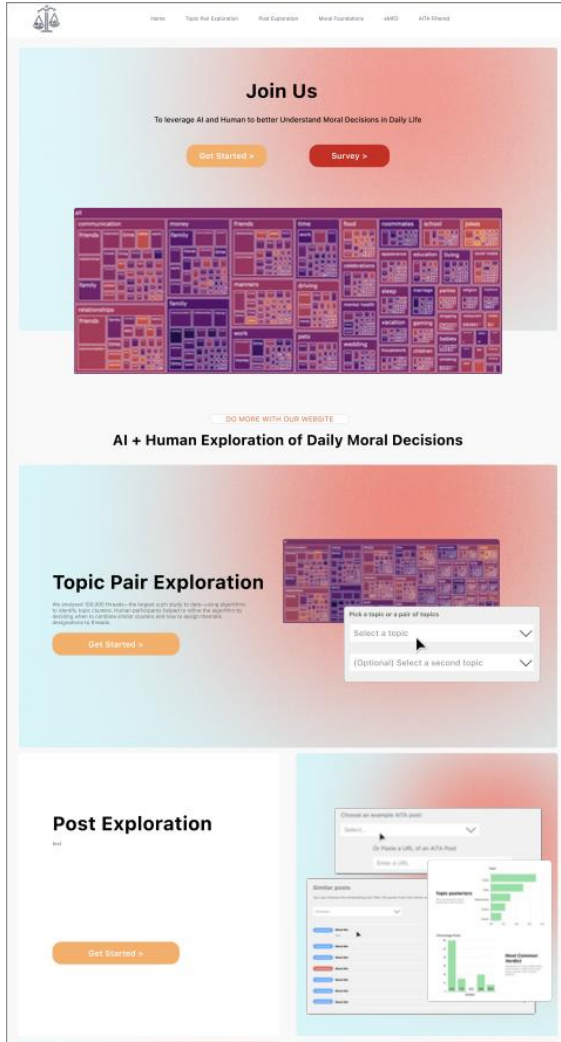
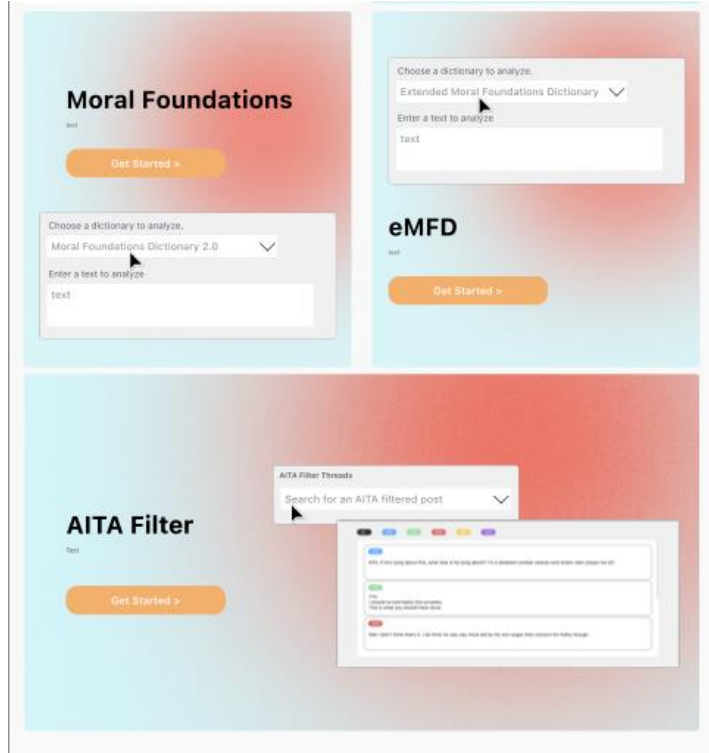


Pick a topic or a pair of topics.

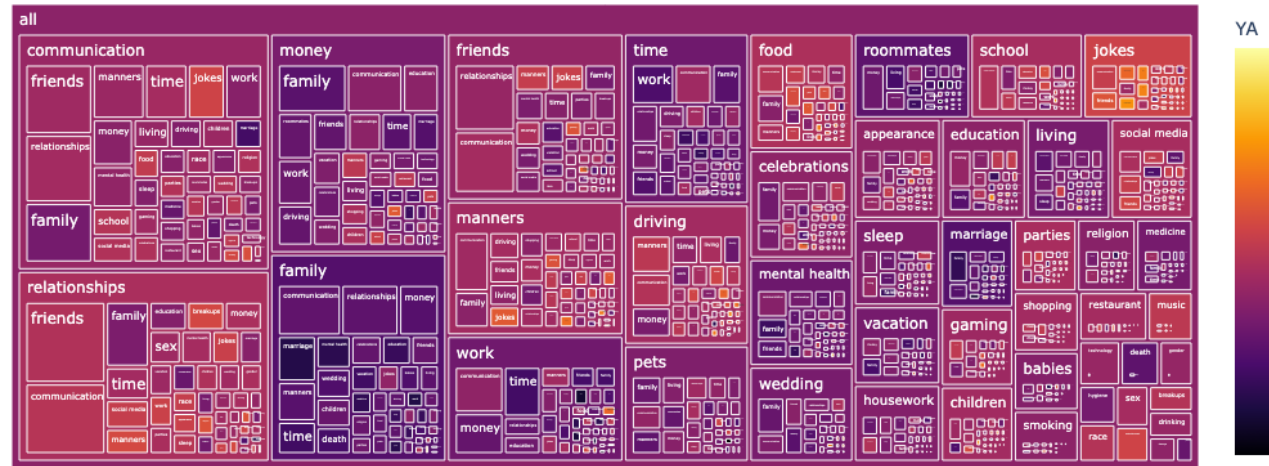
Select a topic

(Optional) Select a second topic

Topic Pair Exploration
Post Exploration
Moral Foundations
eMFD
AITA Filtered



PROTOTYPE



Topic Pair Exploration

We analysed 100,000 threads—the largest such study to date—using algorithms to identify topic clusters. Human participants helped to refine the algorithm by deciding when to combine similar clusters and how to assign thematic designations to threads.



Pick a topic or a pair of topics

Select a topic

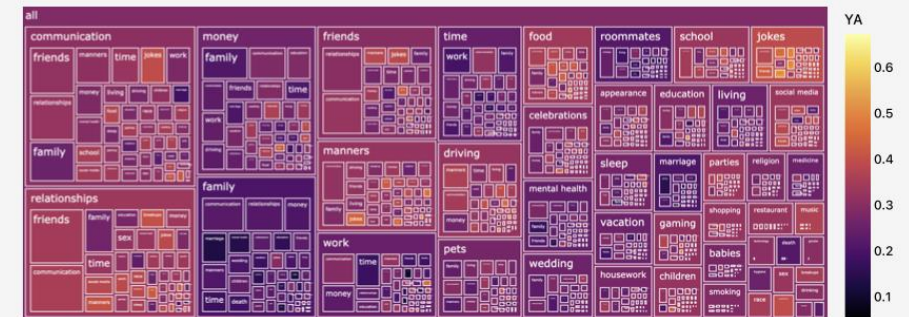
(Optional) Select a second topic

PROTOTYPE — Topic Pair Exploration

- Allowing users to explore various topic Pairs and encouraging them to consider Moral decisions
- Highlights a treemap

Moral Dilemmas Dashboard

Click on one topic to zoom in.



Pick a topic or a pair of topics

Select a topic

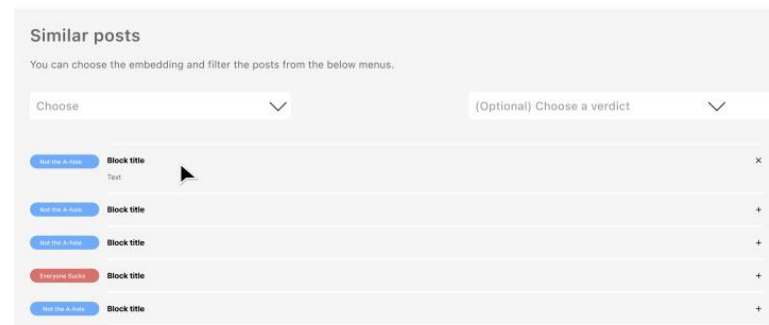
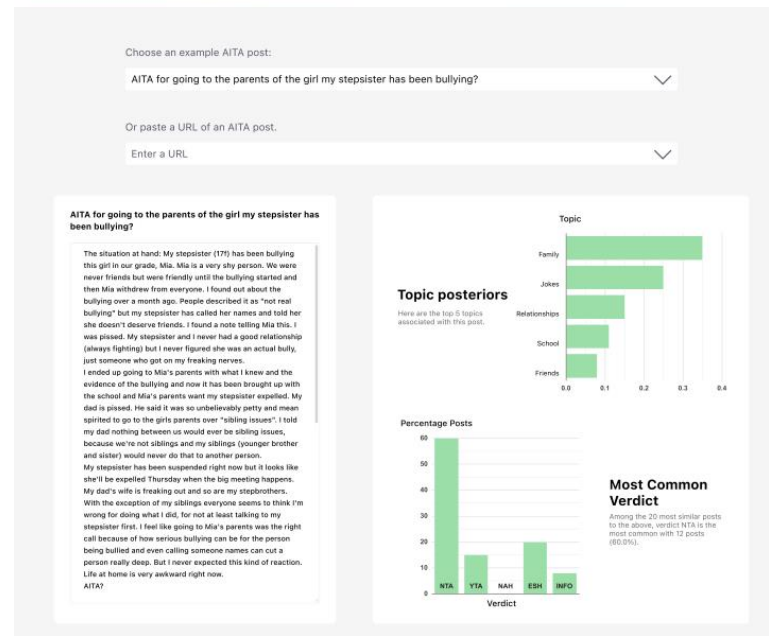
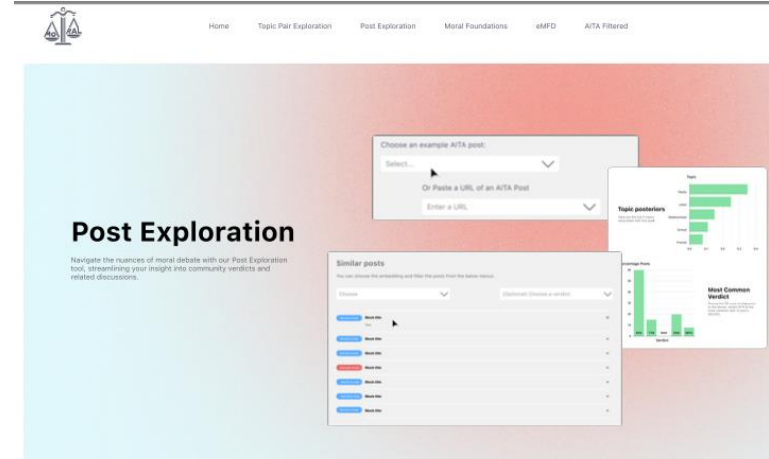
(Optional) Select a second topic

PROTOTYPE – Post Exploration

- Offer in-depth discussion on specific

Topic or decisions

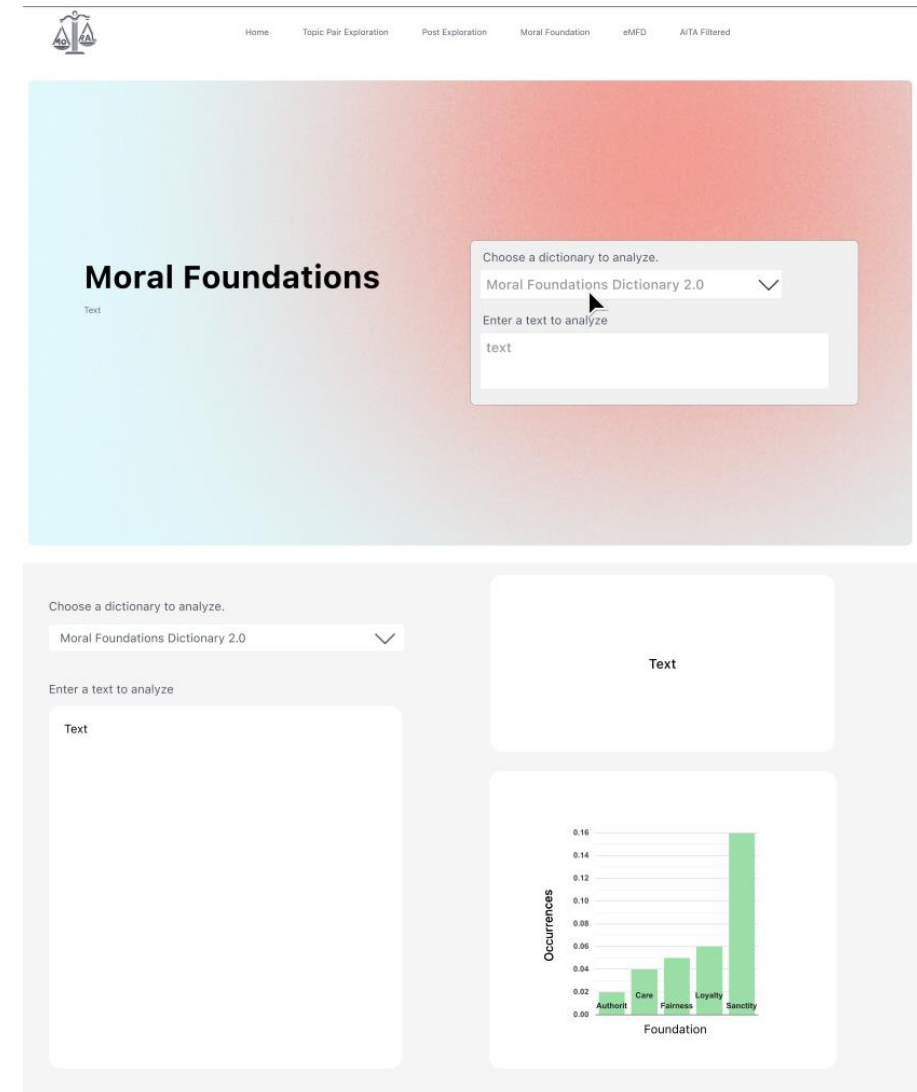
- Enriching understanding and discussion



PROTOTYPE – Moral Foundation/eMFD

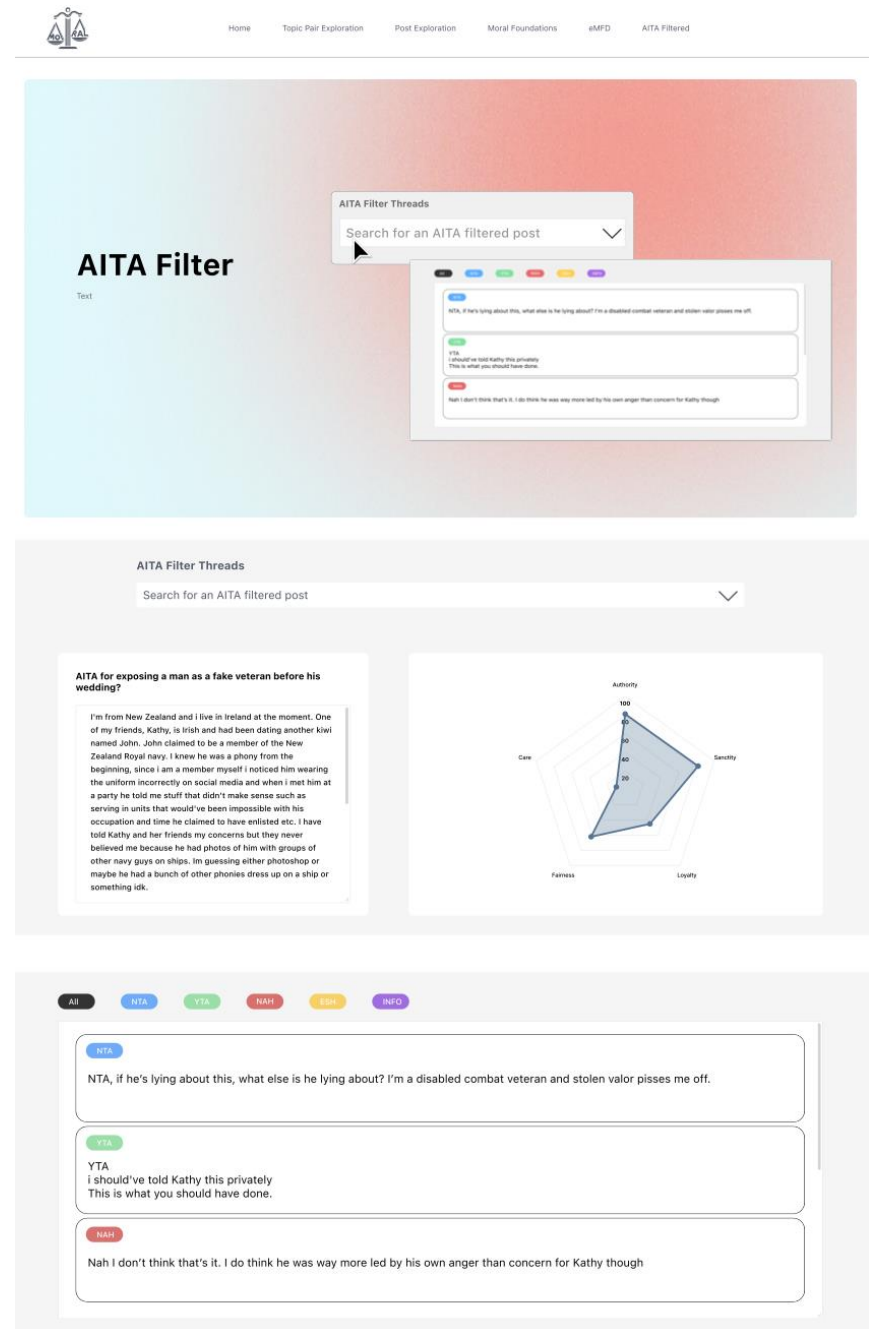
- Both based on moral foundation theory

and expanded moral foundation dictionary



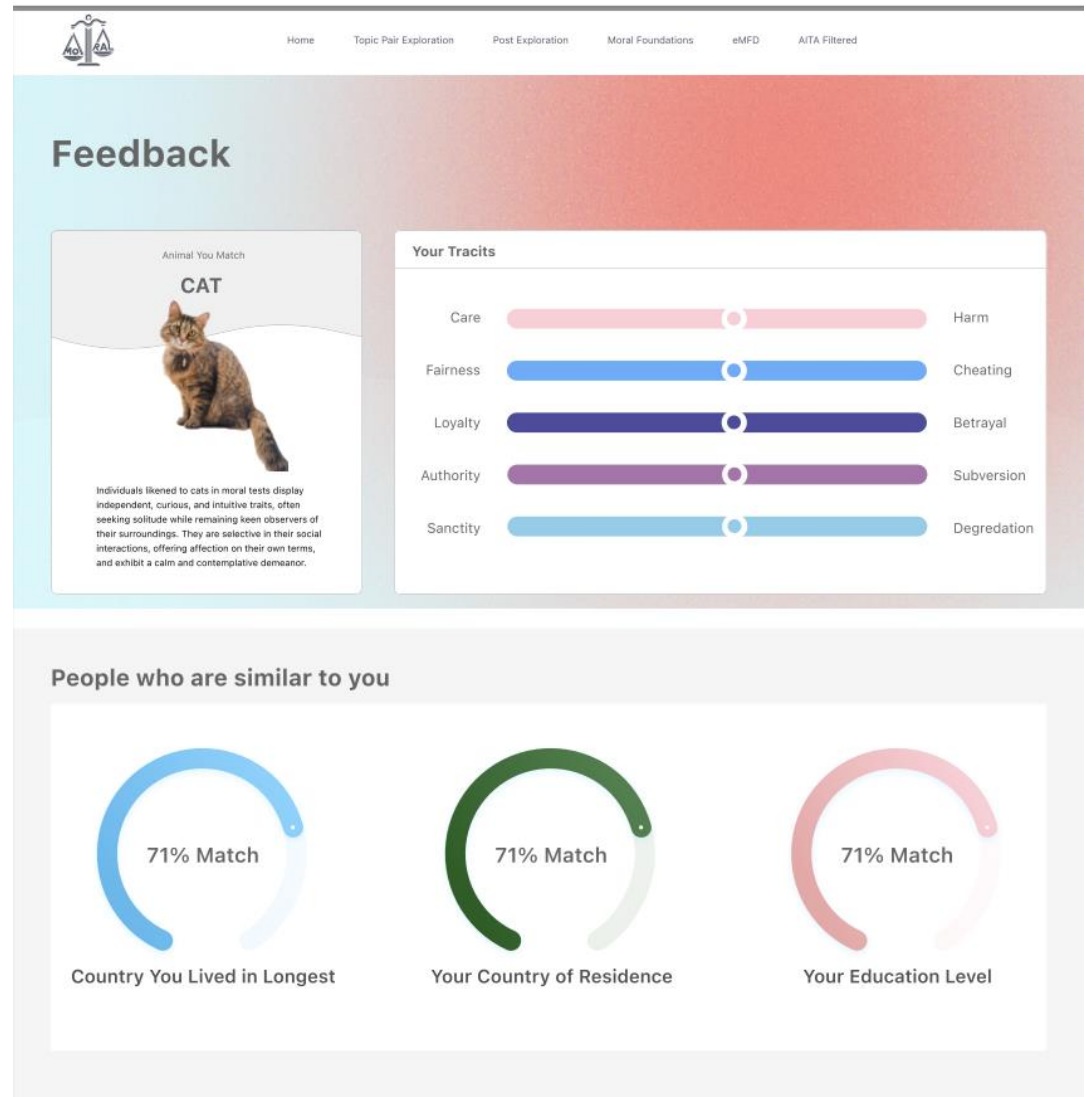
PROTOTYPE – AITA Filter

- To filter and explore moral disputes from AITA community



PROTOTYPE — Feedback

- Matching traits to specific animals
- Visually displaying scores



Q&A

