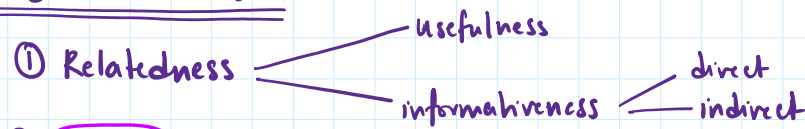


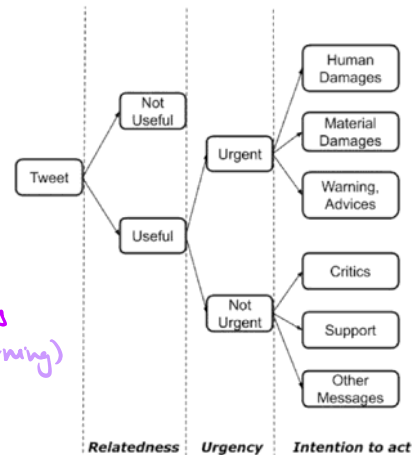
## Crisis related tweets.



② Urgency

③ Intentions to act.

Minimally supervised urgency detection  
 → small training data + large bg corpus  
 → -1 + no bg corpus (zero shot learning)



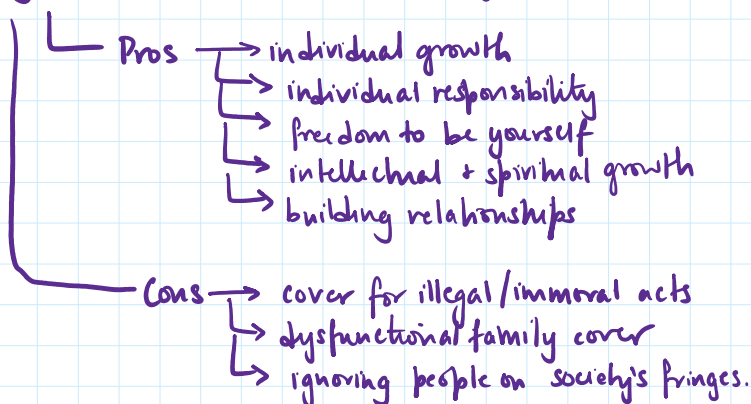
## Risks of bad predictions :

- erroneous ML models
- bad scientific standards
- improper causal assumptions
- incorrect diagnosis + intervention
- unaccountable actors
- discrimination + injustice
- privacy violations.

## Risks of good predictions :

- feature over engineering
- reproduce biases
- unaccountable actors
- discrimination + injustice
- inappropriate appl<sup>n</sup> areas
- societal harms

## Privacy — "zone of inaccessibility"



## In research :

Code	Definition	Example Statements
Public Data	Only using public data / public data being okay to collect and analyze	In general, I feel that what is posted online is a matter of public record, though every case needs to be looked at individually in order to evaluate the ethical risks.
Do No Harm	Comments related to Golden Rule	Golden rule, do to others what you'd have them do to you.
Informed Consent	Always get informed consent / stressing importance of informed	I think at this point for any new study I started using online data, I would try to get informed consent when

Code	Definition	Example Statements
Public Data	Only using public data / public data being okay to collect and analyze	<i>In general, I feel that what is posted online is a matter of public record, though every case needs to be looked at individually in order to evaluate the ethical risks.</i>
Do No Harm	Comments related to Golden Rule	<i>Golden rule, do to others what you'd have them do to you.</i>
Informed Consent	Always get informed consent / stressing importance of informed consent	<i>I think at this point for any new study I started using online data, I would try to get informed consent when collecting identifiable information (e.g. usernames).</i>
Greater Good	Data collection should have a social benefit	<i>The work I do should address larger social challenges, and not just offer incremental improvements for companies to deploy.</i>
Established Guidelines	Including Belmont Report, IRBs Terms of Service, legal frameworks, community norms	<i>I generally follow the ethical guidelines for human subjects research as reflected in the Belmont Report and codified in 45.CFR.46 when collecting online data.</i>
Risks vs. Benefits	Discussion of weighing potential harms and benefits or gains	<i>I think I focus on potential harm, and all the ethical procedures I put in place work towards minimizing potential harm.</i>
Protect Participants	data aggregation, deleting PII, anonymizing / obfuscating data	<i>I aggregate unique cases into larger categories rather than removing them from the data set.</i>
Data Judgments	Efforts to not make inferences or judge participants or data	<i>Do not expose users to the outside world by inferring features that they have not personally disclosed.</i>
Transparency	Contact with participants or methods of informing participants about research	<i>I prefer to engage individual participants in the data collection process, and to provide them with explicit information about data collection practices.</i>