

Utilitarianism

Lecture 2-2

Computers & Society (CPSC 430)

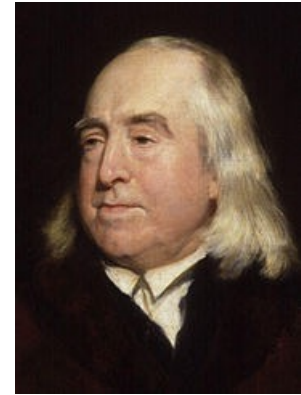
Hedayat Zarkoob

<https://www.students.cs.ubc.ca/~cs-430/>

Original slides by Kevin Leyton-Brown.

Principle of Utility

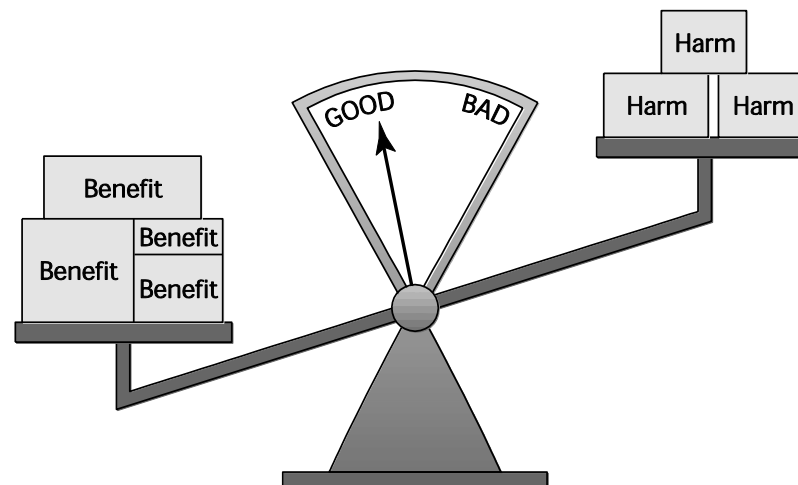
- An action is good if it benefits someone
- An action is bad if it harms someone
- Utility: tendency of an object to produce happiness or prevent unhappiness for an individual or a community
- Happiness = benefit = good = pleasure
- Unhappiness = cost = evil = pain



Jeremy Bentham &
John Stuart Mill

Principle of Utility (“Greatest Happiness Principle”)

An action is right (or wrong) to the extent that it increases (or decreases) the total happiness of the affected parties.



Act Utilitarianism

- Utilitarianism

- Morality of an action has nothing to do with intent
- Focuses on the consequences
 - A “consequentialist” theory

- Act utilitarianism

- Add up change in happiness of all affected beings following from a given action
 - $\text{Sum} > 0$, action is good
 - $\text{Sum} < 0$, action is bad

Discussion

Discuss with the person beside you and report back:

- How useful is act utilitarianism?
- How can utilitarianism be useful even if we don't agree on the utility function?

Case for Act Utilitarianism

- Focuses on happiness, which is intuitive
- Down-to-earth (practical)
 - Straightforward to apply
 - Can therefore be helpful in resolving disputes
 - decomposes big issues into lots of little questions
- Comprehensive
 - Allows an agent to trade off different aspects of a situation
 - Contrast with Kantianism: we needed to find one rule

Case Against Act Utilitarianism

- Unclear whom to include in calculations
 - Utilitarians might say you should never exclude anyone...
- Too much work
 - But it's OK to follow a "rule of thumb" most of the time.
- Ignores our innate sense of duty
 - Suppose I make a promise, but can get \$1 for violating it.
 - Seems to miss the sense that I care about my word.
 - Quinn claims: "Note that it does no good for an act utilitarian to ... say that the hard feelings caused by breaking my word to A will have a negative impact on total happiness of $-N$ units, because then all I have to do is change the scenario so that breaking my promise to A enables me to produce $1 + N$ units of good for B. We've arrived at the same result."
 - But is this a problem?
- Susceptible to the problem of moral luck
 - Whether an action is moral depends on outcome, which can depend on circumstances beyond your control

Rule Utilitarianism

- We ought to adopt **moral rules** which, if followed by everyone, will lead to the greatest increase in total happiness
 - Act utilitarianism applies Principle of Utility to individual actions
 - Rule utilitarianism applies Principle of Utility to moral rules

Case for Rule Utilitarianism

- **Not every moral decision requires utilitarian calculus**
 - You only have to work out the morality of rules.
- **Moral rules survive exceptional situations**
 - A rule utilitarian can reason (a bit like a Kantian) that it's better for everyone to keep their promises than to lie, and so reject lying for a \$1 gain
- **Avoids the problem of moral luck**
 - We look at the overall usefulness of the rule, not individual outcomes

Case Against RU, and Utilitarianism in General

- RU: need to identify a single rule to describe situation
- All consequences must be measured on a single scale
 - All units must be the same in order to do the sum
 - In certain circumstances utilitarians must quantify the value of a human life
 - BUT: good arguments from utility theory
 - We have to figure out what this utility function is!
- Utilitarianism ignores problem of unjust distribution
 - Utilitarianism (as defined here) doesn't mean "the greatest good for the greatest number"
 - That requires a principle of justice
 - We can try to combine these ideas
 - However, what happens when a conflict arises between the Principle of Utility and our principle of justice?

Exercise

- In groups of four, identify two ethical issues at the intersection of computers and society:
 - One that is ethical from at least one Utilitarian perspective
 - One that is not ethical from either perspective
- Be prepared to explain your reasoning.