# The Effect of Submission and Comment History on Opinion Malleability in /r/changemyview.

- Changing a person's opinion is a common task in a variety of settings.
- /r/changemyview offers a forum where the reasoning behind opinions must be stated and successful arguments must be explicitly rewarded.
- Tan et al. attempted to determine the malleability of an opinion from the way the original poster (OP) presented his or her reasoning.
  - However, in many cases the OP also has previous Reddit participation through comments and submissions.
  - The feature set in Tan et al. can be expanded to past the initial submission.

## Deltas awarded in "CMV: FIRE BAD!" (self.DeltaLog)

submitted 1 day ago \* (last edited 14 hours ago) by DeltaBot [M]

Below is a list of the deltas awarded in this post<sup>[1]</sup>.

Please note that a change of view is not necessarily a reversal<sup>[2]</sup>, and that OP awarding a delta doesn't mean the conversation has ended.

For a full explanation of the delta system, see here<sup>[3]</sup>.

### Deltas from OP /u/theshantanu[4]

- 1 delta from OP to /u/XXX69694206969XXX<sup>[5]</sup> for "[Quote] USE FIRE IN CAVE NO NEED SKIN IN CAVE COMFORTABLE AND WARM DIP SKIN IN ANIMAL FAT WRAP SKIN ROUND STICK USE FIRE ON SKIN SKIN BURN BUT NO STICK BURN FOR LONG TIME [Quote] ONLY LIKE RAW BECAUSE... <sup>[6]</sup>"
- 1 delta from OP to /u/ubbergoat<sup>[7]</sup> for "ANIMAL NO CONTROL FIRE. THEY NOT SMART. YOU MAN, MAN CONTROL FIRE. MAKES FOR SMART MAKING. YOU MUCH BETTER THEN ANIMAL WITH FIRE.<sup>[8]</sup>"
- 1 delta from OP to /u/StockingSaboteur<sup>[9]</sup> for "SNOW COLD. LONG NIGHTS COLDER. EVEN WITH SKINS BABBY DIE. WITH FIRE BABBY NO DIE. FIRE GOOD. FIRE MAKE MEAT GOOD. WITH NO FIRE MEAT HURT BELLY. WITH FIRE NO HURT. EAT MORE MEAT. BE BIGGER THAN NO FIR...<sup>[10]</sup>"
- 1 delta from OP to /u/sirgippy<sup>[11]</sup> for "[Quote] WOLVES TOUGH TO TRAIN. SOMETIMES WOLVES EAT BABIES. MUST FEED WOLVES MEAT LIKE FEED MAN (OR ELSE WOLVES EAT MORE BABIES). NOT MUCH CONTROL OF WOLF JUST LIKE NOT MUCH CONTROL OF FIRE. FIRE DOES...<sup>[12]</sup>"

# Data and Methods

- Tan et al. Focused on 12,272 cases where at least 10 challengers attempted counterarguments, and where the OP replied at least once.
  - Data ranged from 1/1/13-9/1/15
- I will experiment with similar restrictions, but will utilize data from 1/1/13-12/31/16.
  - I will utilize logistic regression and/or other binary classification methods where I can extract variable importance measures.
  - Does self-affirmation theory extend to past Reddit Participation?
  - Does a notion of reciprocation cause Ops to give  $\Delta$ 's?

### /u/theshantanu has received 10 deltas:

Date	Submission	Delta Comment	Awarded By
3/24/2017	CMV: It's a terrible idea to live in Alaska	Link	/u/Dat_Das⊡
2/9/2017	CMV: Flooding is not a natural disaster, but human stupidity.	Link	/u/Garlicplanet⊡
12/20/2016	CMV: political parties bring nothing but problems to the political system, and only serve to divide people and make government slower.	Link	/u/QueenCharla⊡
12/18/2016	CMV: The single best improvement to be made to /r/aww is to remove the titles.	Link	/u/MSPaintClock <b></b> □
7/18/2016	CMV: There should be a legal requirement for public clocks to be on time.	Link	/u/NirvanaFighter⊡
5/27/2016	CMV: People that use tragic events in order to convey their ideas are selfish.	Link	/u/Vitrin99©
5/25/2016	CMV:If I am part of a conversation, I should be allowed to record it without informing the others	Link	/u/Impacatus <b></b> □
3/21/2016	CMV: Wall Street are literally terrorists	Link	/u/bobdylan401©
2/25/2016	CMV: The depressing okcupid/dating studies tells black women we should use skin bleaching creams to lighten our skin if we want to find a date.	Link	/u/JubbyO □
2/24/2016	CMV: As a short male, growing taller through limb lengthening surgery would be beneficial for me.	Link	/u/YoungandEccentric©