We found that in both deniers and believers bot-like accounts were equally active.



Climate Change Debate on Twitter During COP24

Introduction

- A case study analyzing conversations between two competing groups of Twitter users who believe in anthropogenic reasons of climate change (Believers) and those who are skeptical of these reasons (Deniers) during United Nation's Climate Change Conference COP24 (2018), Katowice, Poland.
- Collected all tweets related to climate change from 27th November to December 20th, 2018 using Twitter's API. We decided on collection hashtags based on hashtags related to #climatechange found on best-hashtags.com and news articles about COP24. The combined data set contains a total of 1,379,584 distinct tweets and retweets.
- We identified competing groups of believers and deniers by hashtags used by these groups. We identify that "ClimateHoax" and "ClimateChangeIsReal" hashtags are used mostly by deniers and believers respectively. Using a label propagation method on hashtag x hashtag co-occurrence network we were able to find more hashtags belonging to the two communities. Overall, we identified 2,170 deniers and 15,640 believers.

