**IEL Spring 2019**

**AI article reading assignment template**

**Names and assigned numbers**:

1. Mitoma Ryo: B10

2. Rawat Adwait: B16

3. Tomoya Sudo: B21

4. Wan Muhammad Azim Nazmi Bin Wan Asmadi: B30

**Please write 3-5 sentences explaining how your group read the article.**

Divided the article in 4 parts with 4 paragraphs of each part overlapping with 4 paragraphs of 2 other parts, such that each paragraph is read two times by two different people. Then everyone reads the summary of the paragraphs they didn’t read to completely read the article.

**Please write a 250 word summary of the article.**

Machine interactions depicted in pop culture are not the only ways how robots/AIs will interact with human beings. Machines when used in the appropriately will help improve human performance, but if used incorrectly, can backfire horribly. The interaction of bot accounts on twitter and malicious Russian troll accounts leading to the polarization of 2016 US presidential elections and how children respond and interact with digital assistants like Alexa and Siri can be considered as examples of how interacting with machines might affect human beings directly or indirectly.

Interaction with machines might result human beings loosing the intimate relations humans have with other human beings as machines/devices permeates our daily life and keeps getting new updates for being a better human than human themselves. As a result, robots in sex industries might become the norm.

Self-driving cars can affect humans in many ways. Generally speaking, they can improve human driving by giving better driving experience. Or the skill to drive can deteriorate as humans won’t be able to drive with other humans and will increase the risk of accidents.

Scientists from across many fields are collecting in one place to study “Machine Behavior”. The goal of the research is to improve the theoretical and practical understanding of human and machine interaction. As machines will keep growing as not just man made objects but as an entirely new entity, it will change how humans interact with each other and with machines.

Differentiating Good and Bad AI is hard and will require caution as one wrong step can lead to very drastic changes in the human-human and human-machine society in the future.

**Please write 150 words explaining what your group thought about the article.**

Humans having grown so much since the beginning of humanity, have faced so many problems. But the problem of co-existing with machines might be the biggest one yet. Bigger than humans living with other humans. As humans interacted with each other, the dangers and benefits were most of the time clear and thus could be avoided. But in case of machines, things that can and are better than humans in many aspects, the dangers and benefits are not visible as clearly.

The applications of AI in the society can be beneficial in the short term, but very devastating in the long term. We do not know. That is why more research is needed and this topic should be handled seriously. AI in real life not a ball game. It is dangerous and if not implemented properly, AI rather than helping humanity, might end up destroying humanity in a manner not depicted in movies yet.

**Please write any other comments about the article below that you would like to share with me. This is optional.**

Rawat Adwait (B16)-

The article was very informative and interesting. The experiment data given in the article helped make the points made in the article more significant and thought worthy. As I have heard a lot of new of people marrying vocaloids (Japanese singing robots, to put it simply), the intimate interactions between humans and machine may be increasing already. The reason that I can think of is the absolute perfectness of a machine.

What I mean by that is since humans (or some humans) might have a hard time interacting, the best way to fulfill their social desires may be to interact with machines/fictional characters. The reason being, they will never, in a way, betray the human. And since they have a very specific and simple way to interact at the moment, they are easy to understand and communicate with compared to real human beings (since human beings make mistakes, as long as they are alive).

What I mean is that, the rise in human and machine intimate relationships might be due to the lack of understanding between humans and machines being designed to do just that, some humans feel more comfortable being with a machine than humans.