**Progress to date:**

* Decided two-pronged approach of human survey and corpus-based co-occurrence analysis
* Manually Cross Referenced EmojiTracker website and EmojiNet to find popular emojis in the relevant semantic categories to determine emojis in the four groups to measure intensity
* Designed survey with fill-in-the-blank style questions to determine semantic strength within the group
* Evaluated twitter corpus based studies in classification, applied for access to developer account

Related Research evaluated:

Sheinman, Vera, Christiane Fellbaum, Isaac Julien, Peter Schulam, Takenobu Tokunaga.

**"Large, Huge or Gigantic? Identifying and encoding intensity relations among adjectives in WordNet".** Springer Science+Business (2013).

Fellbaum, Christiane and Yvette Mathieu**. "A corpus-based construction of emotion verb scales"** (2014)

Wijeratne, Sanjaya, Lakshika Balasuriya, Amit Sheth, and Derek Doran. "**EmojiNet: Building**

**a Machine Readable Sense Inventory for Emoji."** ArXiv. October 25, 2016. Accessed

September 25, 2018. https://arxiv.org/abs/1610.07710

Barbieri, Francesco, Miguel Ballesteros, and Horacio Saggion. **"Are Emojis Predictable?"**

ACL Anthology. April 2017. Accessed September 24, 2018. https://aclanthology.coli.unisaarland.de/papers/E17-2017/e17-2017

Novak, Petra, Jasmina Smailovic, Borut Sluban, and Igor Mozetic. "**Sentiment of**

**Emojis."** CoRR1509 (2015).

Wahyuni, Rinda, and Indra Budi. **"Combining Linguistic, Semantic and Lexicon Feature for**

**Emoji Classification in Twitter Dataset."** Procedia Computer Science135 (2018): 194-201.

ScienceDirect.

**Current difficulties:**

My biggest difficulty at the moment is getting access to a Twitter developer account. I have filled out two applications and am still waiting to hear back. I am planning to send an email this Monday to their help desk in order to try and expedite the process. Once I have this access, I am sure to run into more productive difficulties ☺

**Next steps:**

I want to deploy the survey and start collecting data by the end of this week, and I hope to finish collecting by about the 15th of November. I can then work on analyzing the data that I get.

I hope to have Twitter access in the next couple of days, and will then spend time writing queries to curate my dataset. I hope to analyze co-occurrence and tabulate the results about two weeks into November, so that I can then compare and synthesize them in conjunction with the survey data.