

### **Research Topic**

I drafted the Research Questions section of our mid-term paper. We have two main research questions, both of which are guided by the desire to extract useful tips and guidance for engaging in constructive advice-seeking and advice-giving. We continue to consider a third research question around the potential therapeutic benefit of engagement with r/AmItheAsshole. This third research question could be addressed in a manner very similar to Seraj et al.'s (2021) work on Reddit break-up divulgences.

### **Summary of “Efficient Estimation of Word Representations in Vector Space”**

Author: Mikolov Year: 2013 Estimation of semantically and structurally informative vector representations of words has seen progress due to the capacity of neural network based models to process huge datasets in tractable times, as well as due to the trend of generating high dimensional (e.g. >200) vector representations. [?] exemplifies this approach, and shows that vector representations learned from unsupervised data can express semantic and structural relationships between words in intuitive algebraic relationships. The cosine similarity of vector representations can be leveraged to develop programs that automatically extract nuanced semantic analyses of texts.