

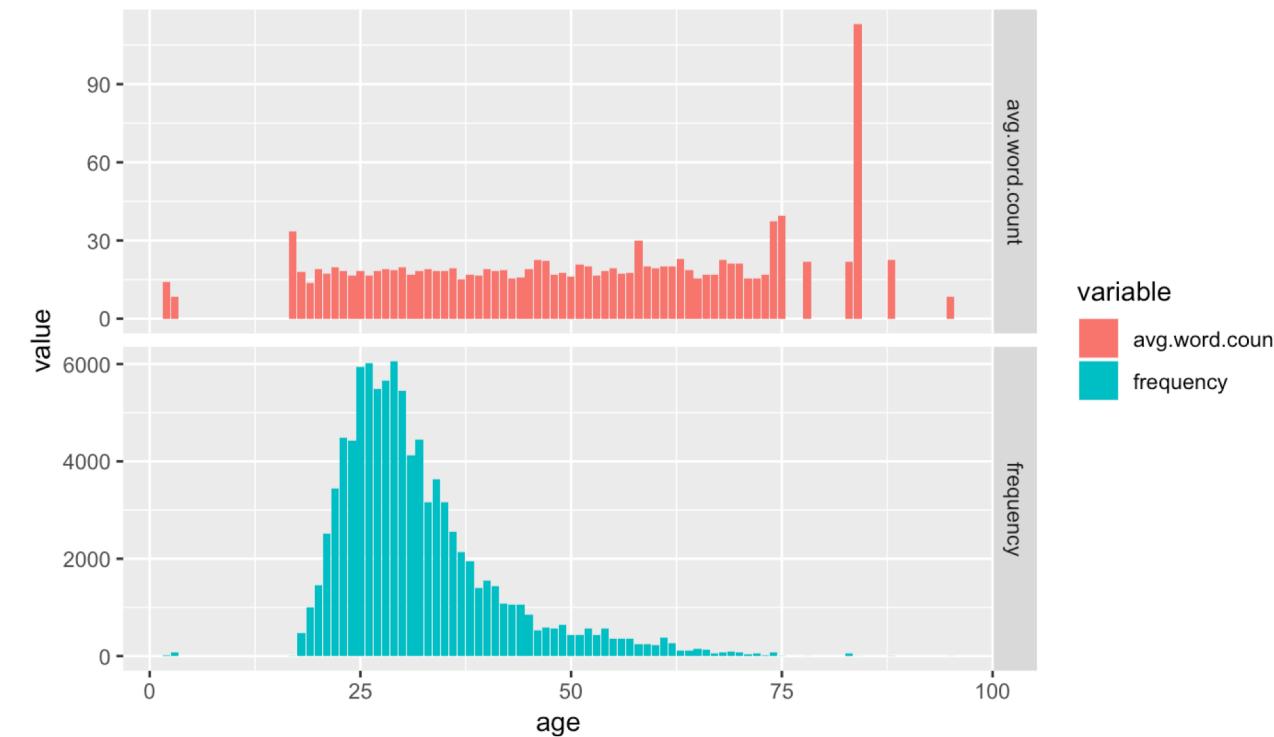


STATGR5243 Applied Data Science

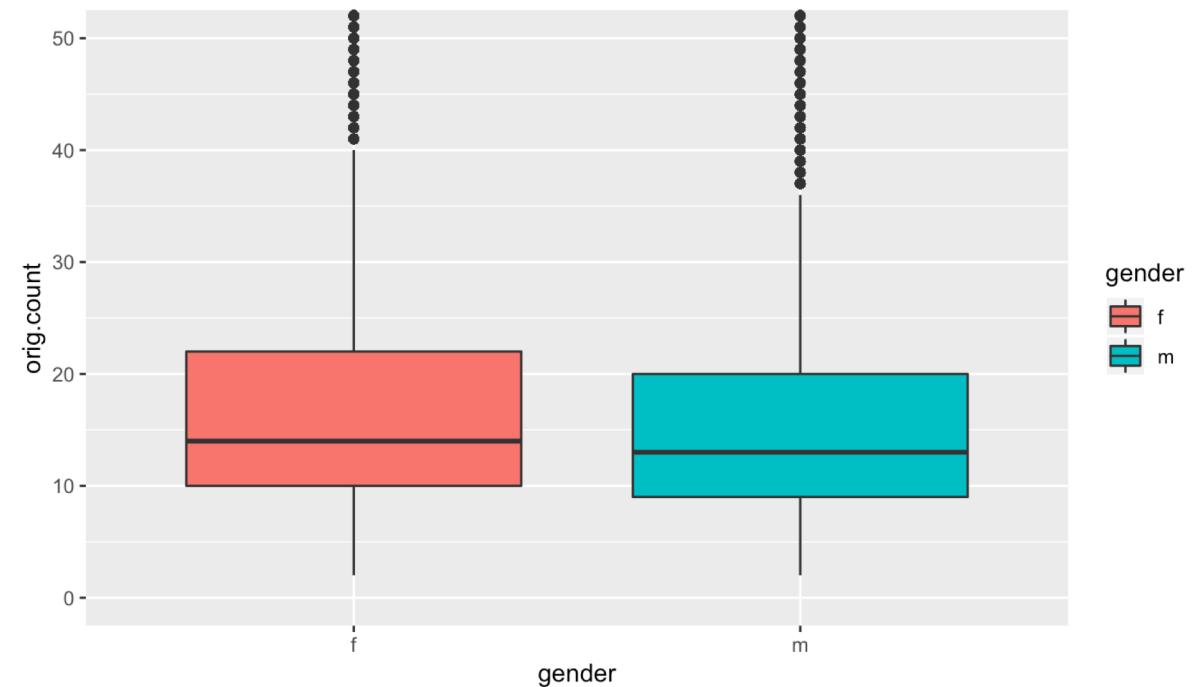
**Age and Happiness:
Does Gender Make a Difference?**

Word counts of original happy moments

Average word counts vs Age



Distribution of word counts vs Gender

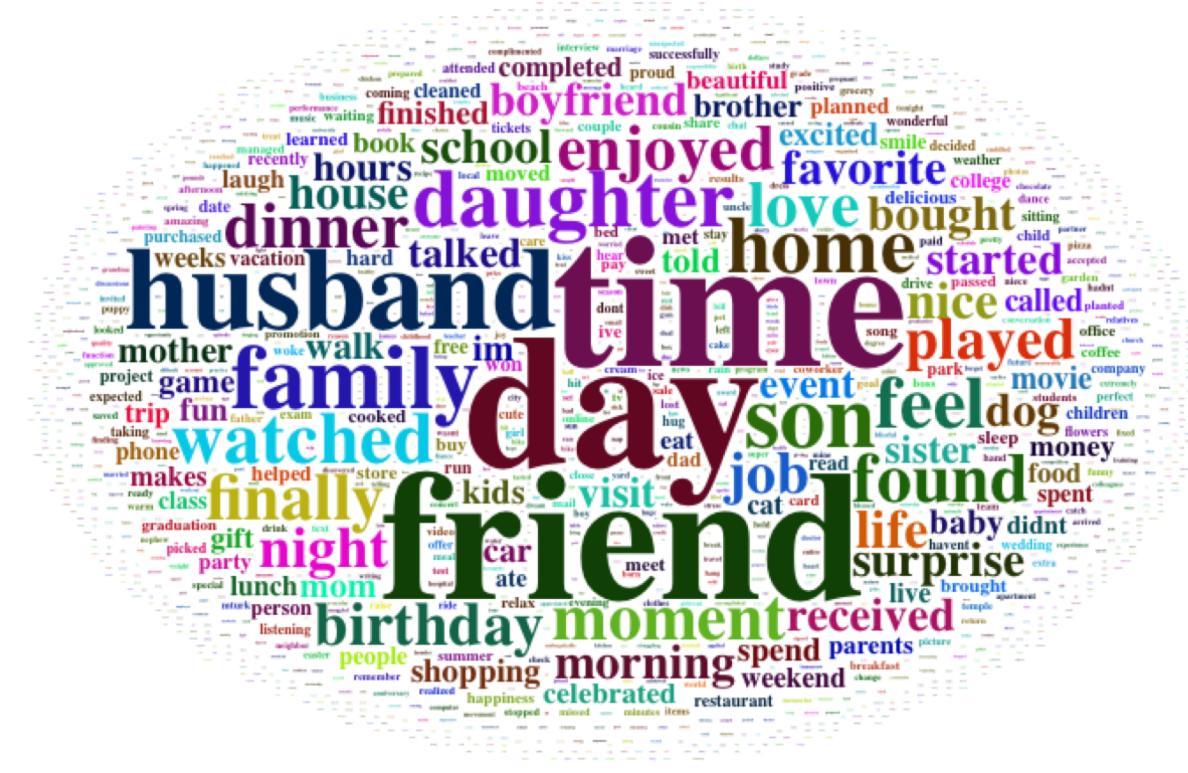


Overview of the most popular words

Word Cloud for Male

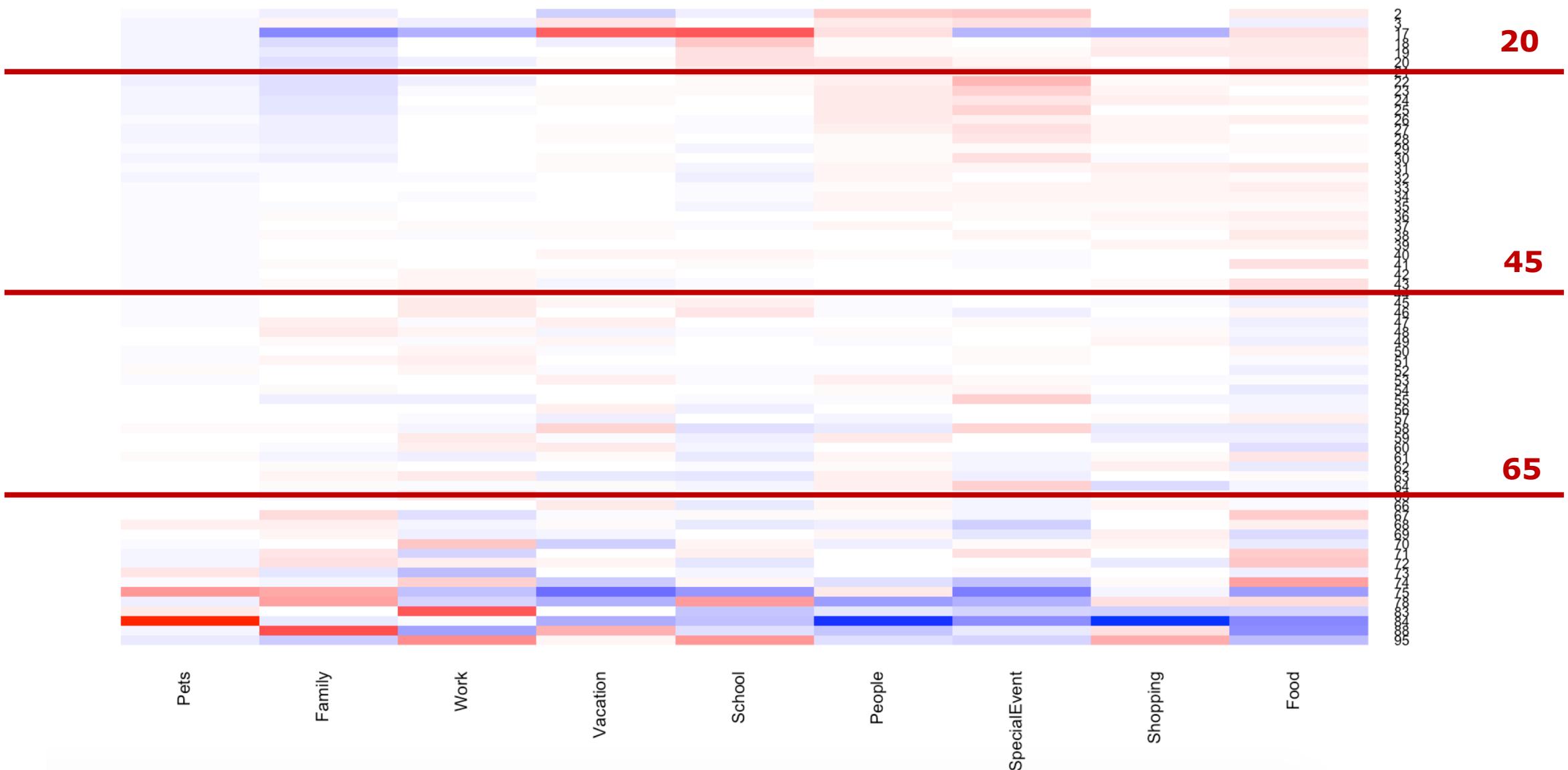


Word Cloud for Female



Topic analysis

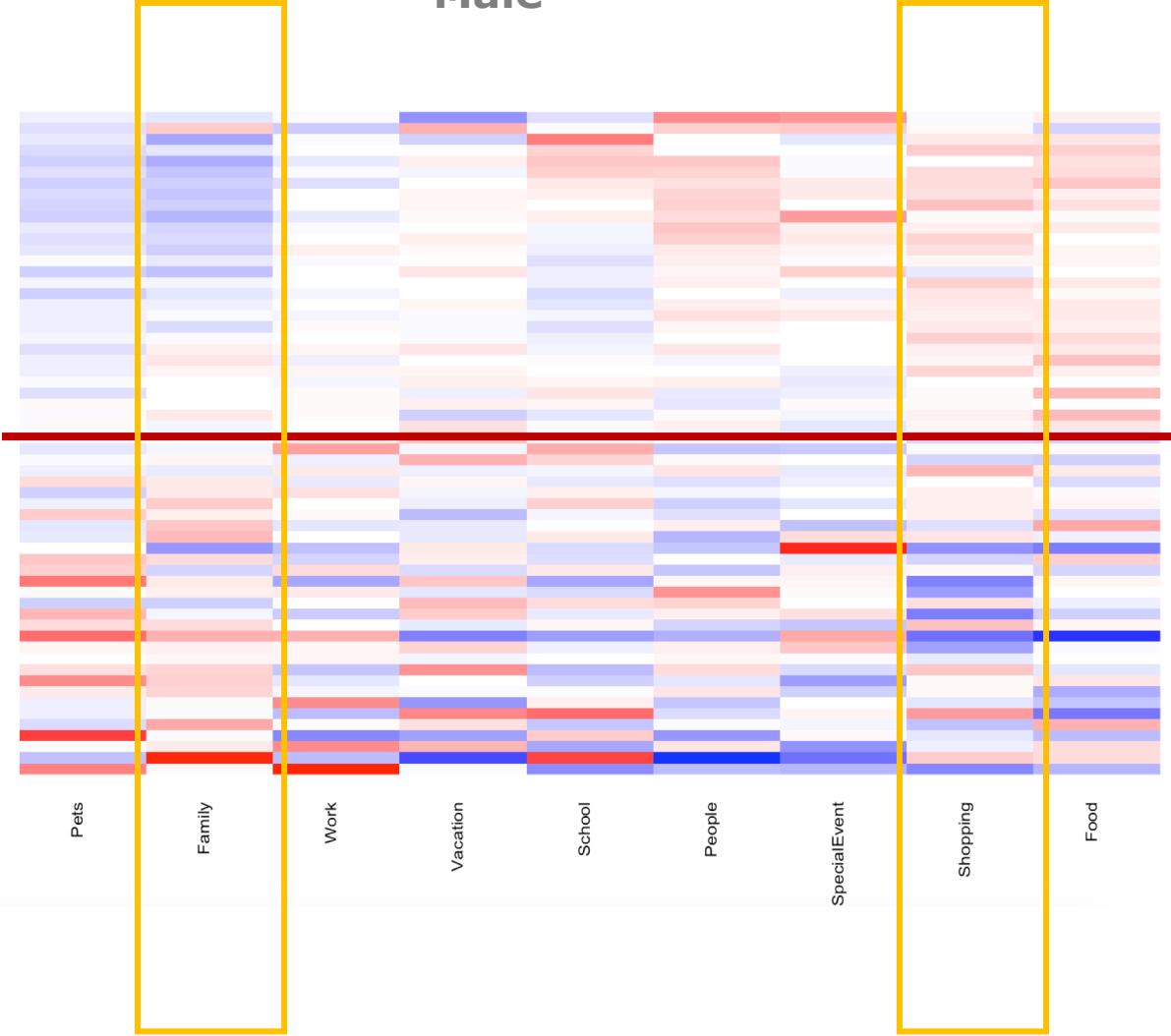
Do the sources of happiness change with age?



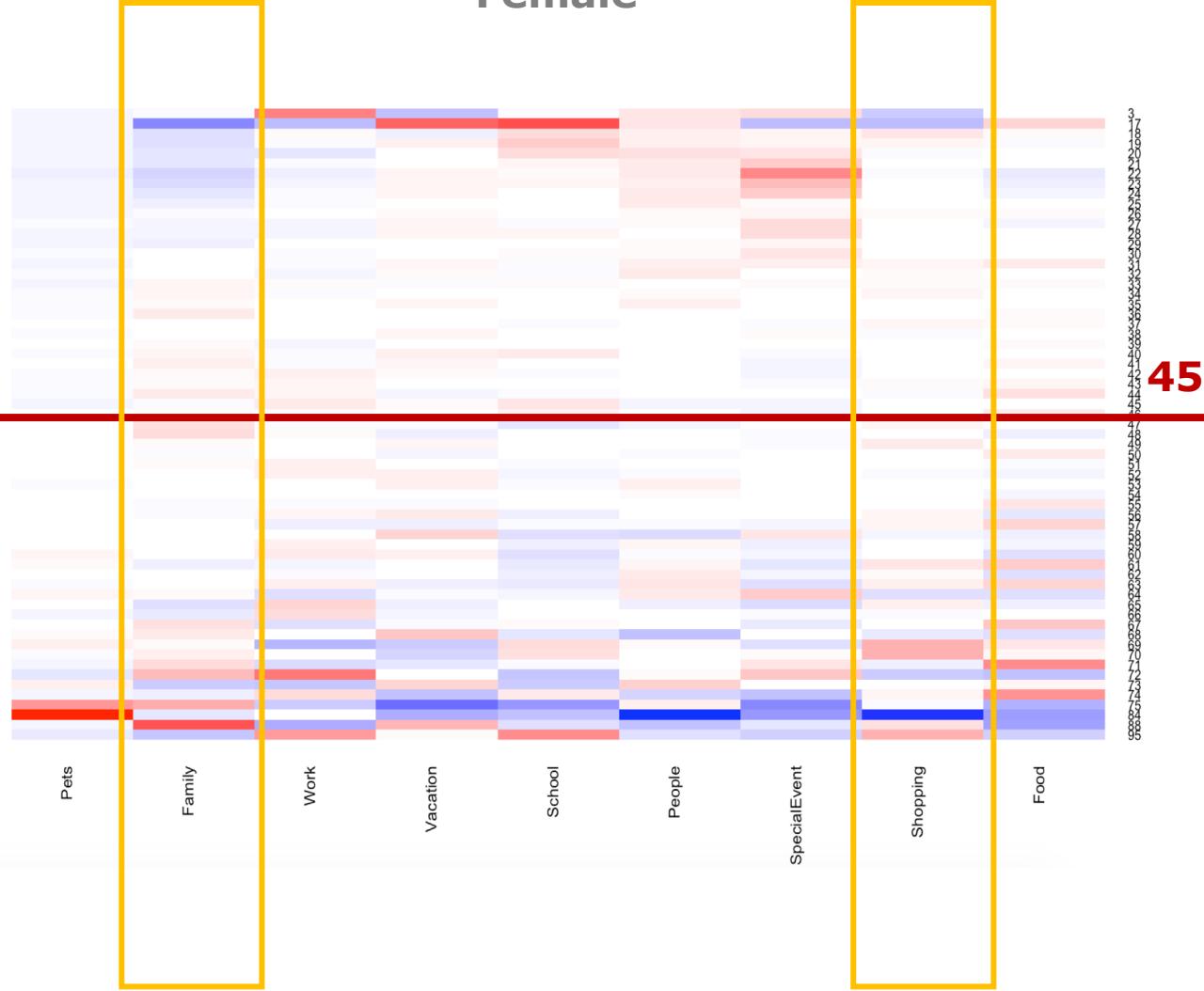
Topic analysis

Are there gender difference?

Male



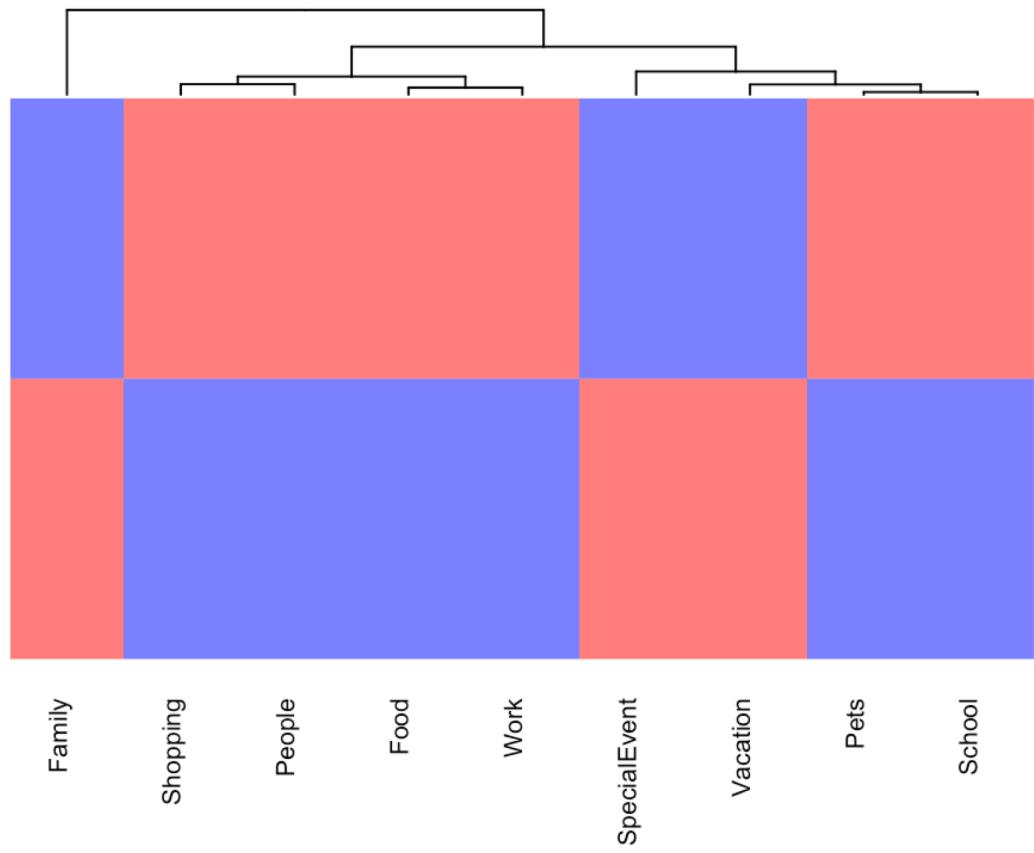
Female



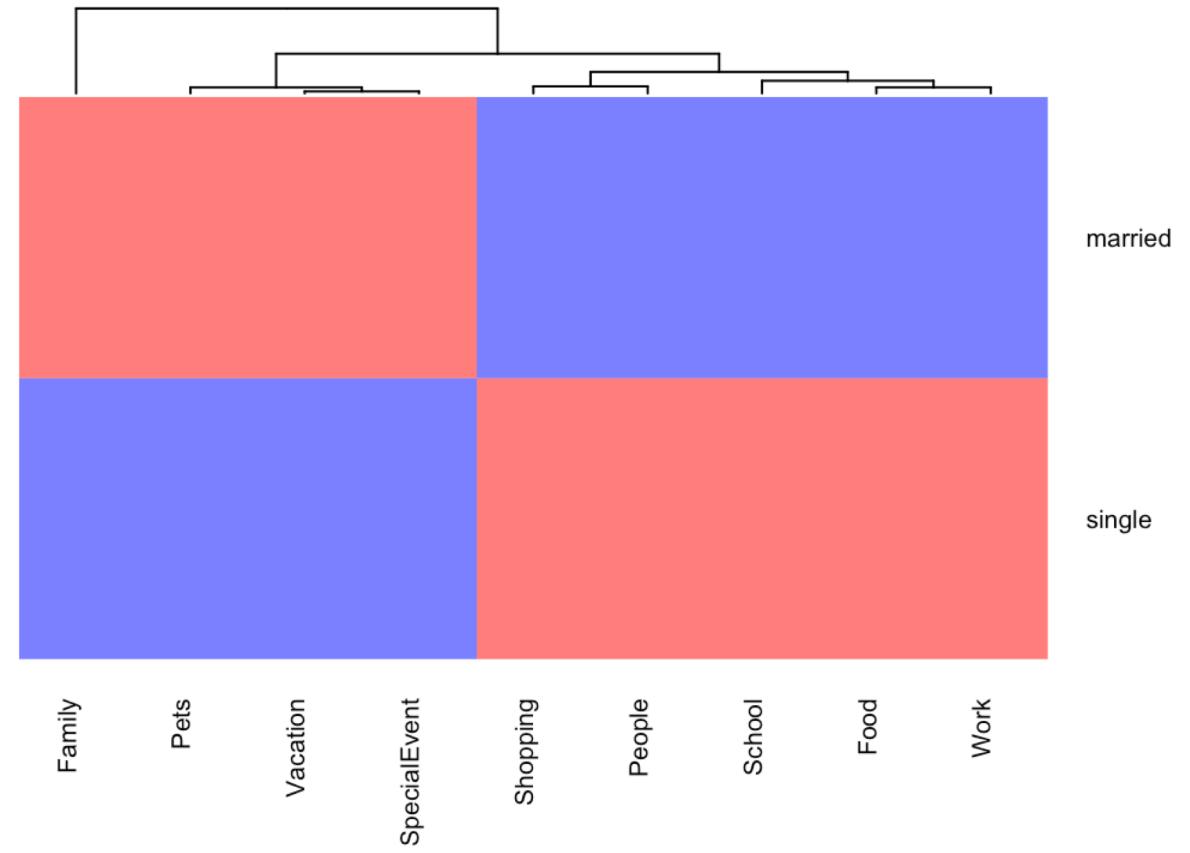
Topic analysis

Do the sources of happiness change with age?

Topic Allocation vs Parenthood



Topic Allocation vs Marital Status



Interesting observations

1. Do the sources of happiness change with age?

- For the teenagers under the age of 20: School and Vacation
- When the young teenagers turn 20: Special Event, People and Shopping
- For the middle-aged people between 45 and 65: Work and Family
 - School shows another peak around the age of 45, which may be because their children.
- For the elderly people: Family and Pets

2. Under the age of 45, Shopping is a big source of happiness for the male, while the female care more about the emotional connection, such as People and Special Event.

3. On the other hand, we can observe that men do not put much weights on Family until the age of 40, which is obviously a higher age than women.