1. Alex Yee
2. Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5519603/>
3. I plan to study marriage satisfaction for a given person in multiple countries. The dataset contains personal data for a variety of people which notes their age, race, gender, income, religion. The goal is to take a person’s information and depending on the above factors, I’d apply machine learning to predict the rate of marriage satisfaction for that person. Marriage Satisfaction is measured on a scale of 1-20. I’d also closely study marriage duration as a key indicator. I would aggregate the data and create a graph using Numpy and Pandas displaying marriage satisfaction per country for the variety of factors of the sample dataset and compare it to the rate of marriage satisfaction that the algorithm predicts.