Investigating Differences in Activity Levels by Healthy Days

* CDC/NHANES measures the number of healthy days for an individual in the most recent month.
* 2003 NHANES also started measuring the amount of physical activity for 7,168 individuals around the country.
* For this analysis, I’m performing a large-scale exploratory analysis to test for differences in activity level recorded for individuals in each general health group that the individual placed themselves in.
* Control for gender, age, income, marital status

Steps

1. Eigenvalues for all individuals
2. Make regression for eigenvalue for minute i on person j based on gender, age, income, marital status, and healthy days group
3. ANOVA of healthy days group coefficient
4. FDR -- highly correlated/related in chunks kinda like genes