Agenda

1. Research question: how can we narrow this down
   a. progressive MS (AGE + diagnosis)
      i. age
      ii. Early life: breastfeeding (Y/N); type of delivery (V/C-s); allergy (Y/N & qualitative); vitamin D (Y/N)
      iii. Smoking triggers with age (depression)
      iv. T2D
      v. Treatments and disease progression
      vi. Cities: lifespan vs. healthspan? (Vitamin D)
      vii. Vitamin D: excessive UV exposure was found to be an MS factor
2. Analysis
   a. Last step: random forest; predictive model - core bacteria & metadata?
   b. Functional bacteria; diversity analysis
   c. How can we do an analysis that will be reflective of our research question?
3.