1. **[Yichun]** continue the second wave prediction
   * add the share of vote in politics dataset
   * use all the categories of facemask rather than a score
   * response variable: continous case growth| above-below median 0-1 variable
2. **[Ziyi]** SIR model
   * check the relationship between R0 and beta
   * modify R0 to be changing with time using the real data
3. **[Ziyi & Yuchen]** check the updating parameter calibration
   * how to model the second wave (e.g., do we need to recount the total infection number?)
   * does the growth rate formula still holds when US steps out of the initial stage? (e.g., when S cannot be approximated by 1 anymore)
4. **[Yuchen]** aggregate the data **+**continue working on modeling what determines case growth
5. **[Moni]** (fill in?)

Please finish your part before next Sunday!!!