TX Lung Cancer & COVID-19 Dashboard Plan

1. (**Only temporal)** Plot of the various histologic lung cancer types over time by race
   1. ggplot, data from SEER\*Stat
   2. Drop down for investigating certain races/ genders/ histologies
2. (**Only spatial)** TX map SIR’s over time w/ INLA smoothing for 2015
3. TX map SIR’s over time w/ INLA smoothing
   1. Dropdown for “mixture parameter”
4. TX map SIR’s for each histologic type over time w/ INLA smoothing
   1. Drop down for histologic type
5. TX map SIR’s by gender & race over time w/ INLA smoothing
   1. Drop down for which gender/ race is of interest
6. Probabilities of SIR’s reaching a certain level, lung cancer cases reaching a certain number, etc.
7. Distributions of parameters for models involving different covariates such as rurality, socioeconomic status,
8. COVID-19 & lung cancer bivariate plot
9. COVID-19 & lung cancer model parameter distributions