Meeting: 27th

Some Questions:

1. with the time series decomposition part – I think the data is stationary – not too sure

1. My study area – LAs states there’s only four (Cheshire eat, Cheshire west + Chester, Warrington and Halton) – so this is what I’ve been basing my analysis off – is it enough to say that I won’t be including these other lsoa’s because they don’t make up a whole ward/boundary?
2. How to map the boundaries as well as my lSOAs on my maps? – Additionally, how consistent do my maps have to be – are base maps the better option throughout?
3. When mapping the LISA maps with rates, 5 LSOAs are not present in the census as apparently these have become inactive – I just obtained the average from res pop and replaced the NAs with that – is that okay?
   1. Additionally, results change – talk about this
   2. Should I just remove the counts from the get go, jump straight right in with rates- jenk map? Do I need to show that story about ‘we cannot be deceived by the counts’ therefore we should use rates?
   3. Additionally, why 1000
4. Possibly – markoc models in prediction location instead of sensitivity analysis

More general

1. Could you resend the form?
2. Do I need to mention Covid-19 in my lit review?
3. At the start of the findings section, you suggest to have an overview of the data – shouldn’t this belong in methodology?

Notes from meeting?

* Study area: include those LSOAs not included in Cheshire’s LA in your appendix i.e., n = 528, across x = 552 LSOAs. Explain why in method you have done this
* Method = concepts and operationalise (why have I grouped the calls in the way I have
* Results = numbers/stats, histograms and basic descriptive statistics, frequency tables by overalls 2015:2020 and then by individual years?
* Rates vs counts: use rates and explain you choose this because the average number of households per LSOA is 3-400
  + Imputation of missing persons replace those with NAs with global average, include in method
  + Rate of population = 1000
* Types of maps:
  + Consistency only matters so it is easier for readers to make comparisons
* Wards
* Urban/rural – distinguish between wards, explained that the conceptualisation is based on the ons dataset
  + - Then include this in the spatial regression
* Seasonal Arima
  + - Examine the tests
    - Specifically look at pre/post covid, and then examine the difference
* Association between police response and call origin
  + i.e. is there an association between median response time in a different deprivation LSOAs, or different grades
  + police response to urban/rural area – different deprived areas
  + this could just be for future implications
* covid
  + figure out where you want to put this
* ethics
  + ‘reference approved by…’
  + χ2