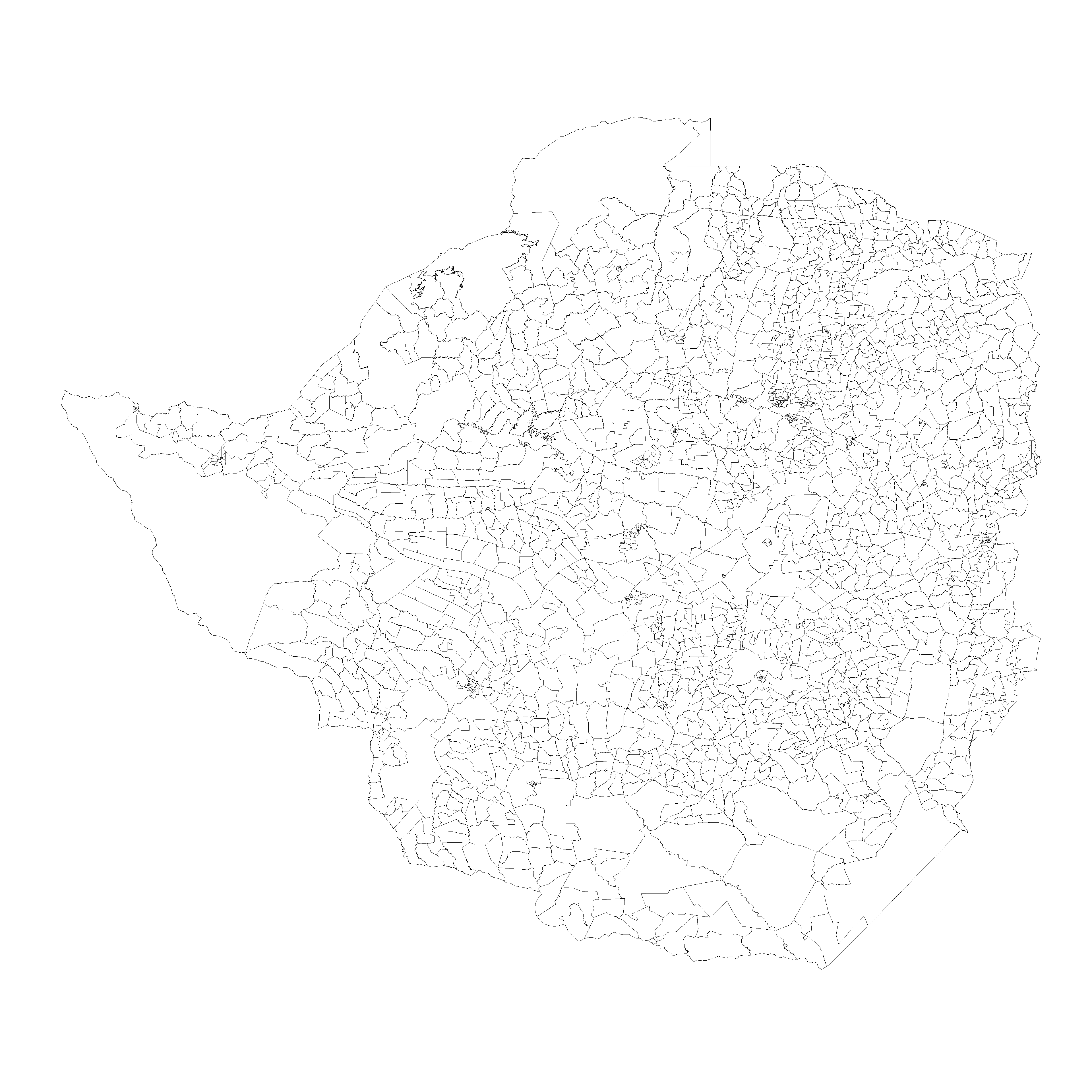
CA Weather

Yujun Zhou

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plot(zmw\_ward)



## Daily temperature (min and max) for each ward (1970/01/01- 2018/04/28)

Dataset extracted from African Drought Monitor (using extract\_afm.R), see temp\_min.csv and temp\_max.csv

## Daily rainfall for each ward (1981/01/01- 2018/04/28)

Dataset extracted from CHIRPS (using daily\_rain\_zmw.R), see daily\_rain.csv

## Daily temperatures for each ward for the growing season (October to June) starting in October 2007 and ending in June 2011.

see growseason\_temp\_min.csv and growseason\_temp\_max.csv

## 4 Rainfall Maps (CHIRPS daily rainfall data for the entire country, calculate cumulative seasonal rainfall )

1. October 2007 – June 2008
2. October 2008 – June 2009
3. October 2009 – June 2010
4. October 2010 – June 2011

create a “heat” map for cumulative season rainfall, lay over the outlines of the surveyed wards on the “heat” map.

## 4 Temperature Maps (Gdd and mean temperature)

create a “heat” map for cumulative season rainfall, lay over the outlines of the surveyed wards on the “heat” map.