### Lab: Wednesday 2:00pm

### Tutor: Dr Steve Shahbazi

### Web page:

## Bushfire location map

### Domain:

Comparing the changing average temperature in each Australian state with the concentration and location of bushfires.

### Data transformations:

o Data transformation that you applied (if any), such as normalisation by area or population.

### Data classification:

o Data classification that you applied (if any) and the reason for choosing class limits.

* Classified the colour of the symbol by the brightness of the fire
* Classified the size of the symbol by the size of the fire
* Classified the background colour of each state by the deviation in average temperature

o A justification for the type of map idiom used (that is, why are you creating a choropleth map, a proportional symbol map, a dot map, etc.)?

* Using choropleth map for the average temperature because this is meant to be background information which only has a meaningful value in a large area.
* Using a dot map for the fire location data because data is only relevant in certain locations (excluding further choropleth), and aggregation of fires to create a symbol map would take a lot more time.