Make these plots

ylelkes

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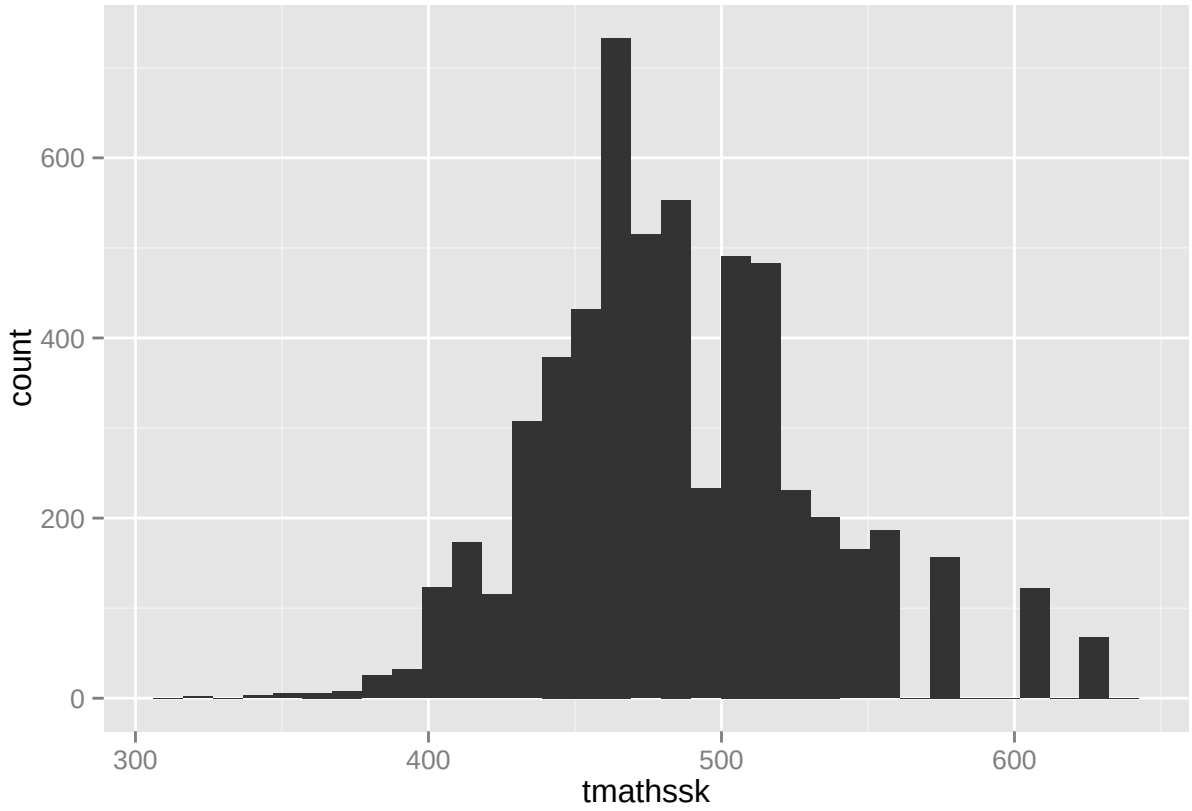
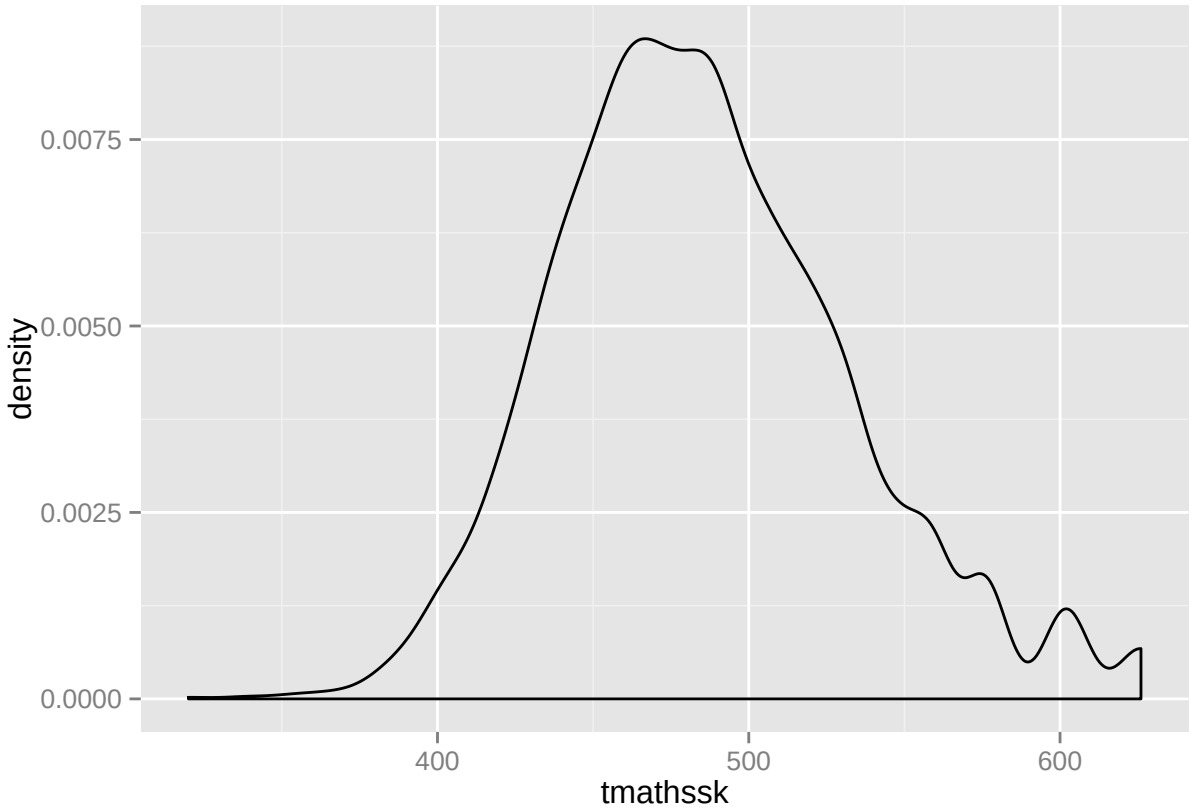
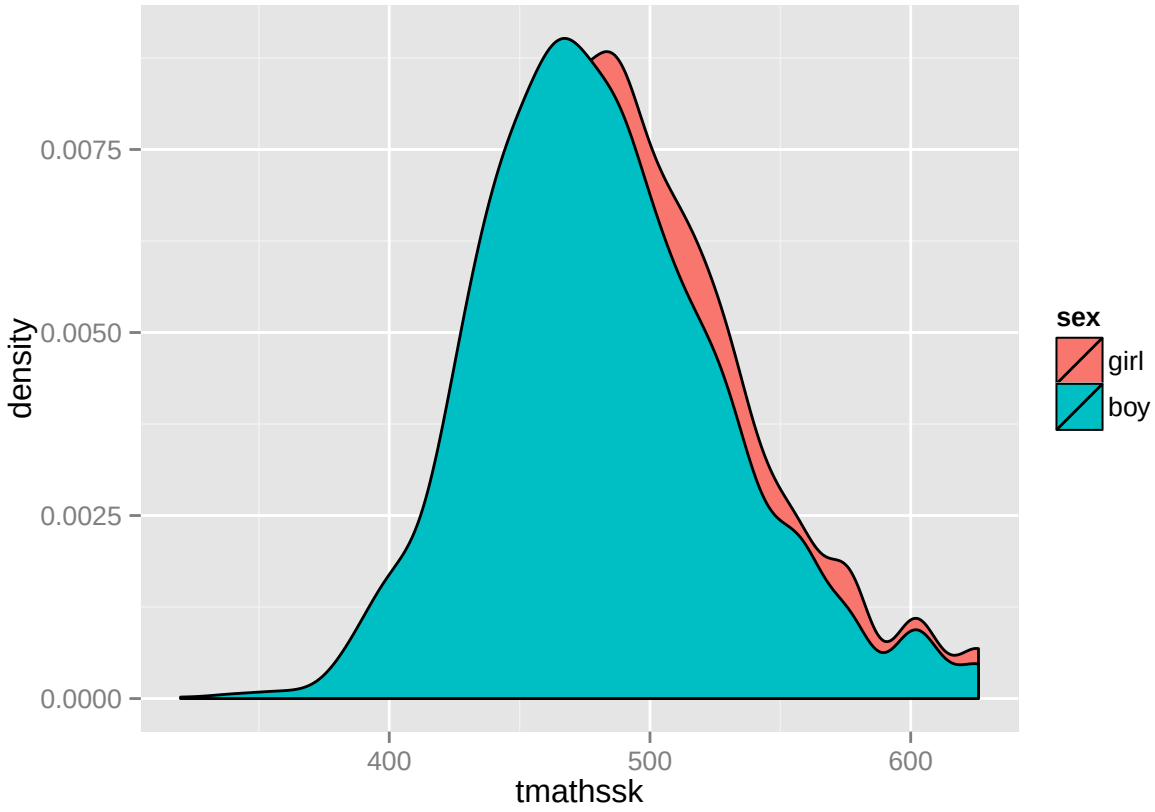
Make these plots

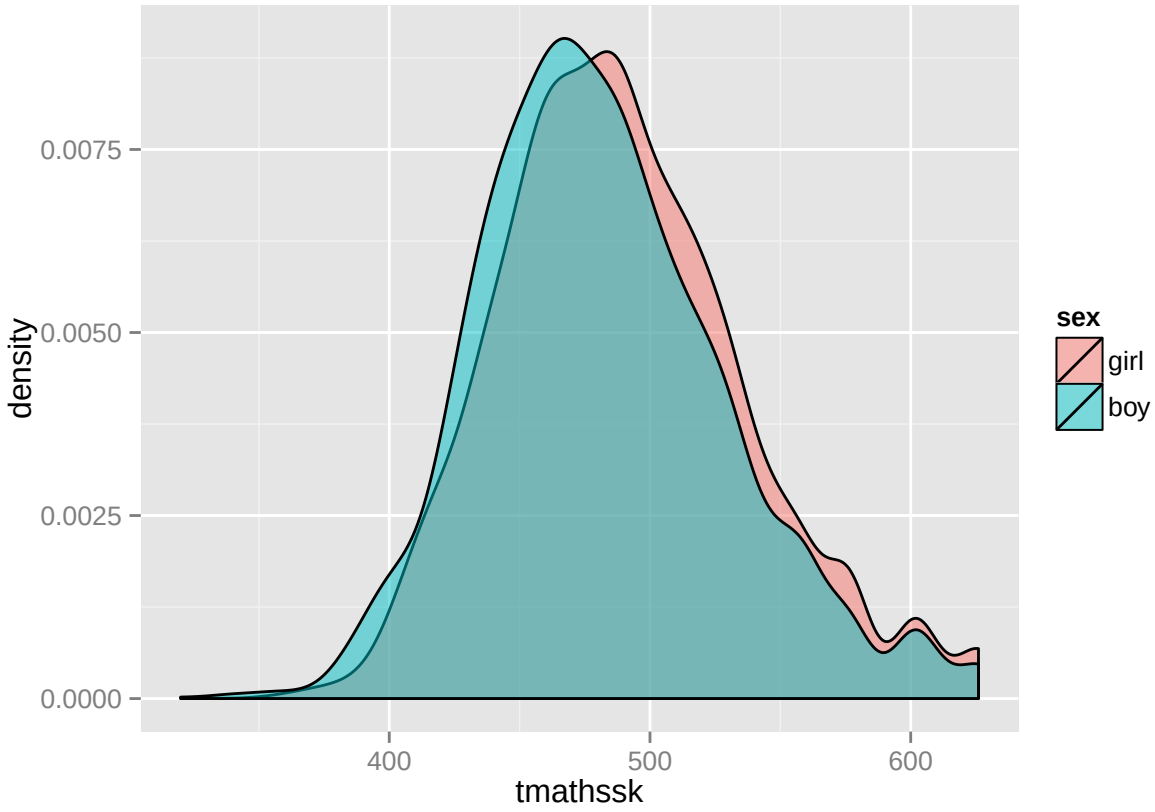
Use the Fair data in the Ecdat package Read about it here

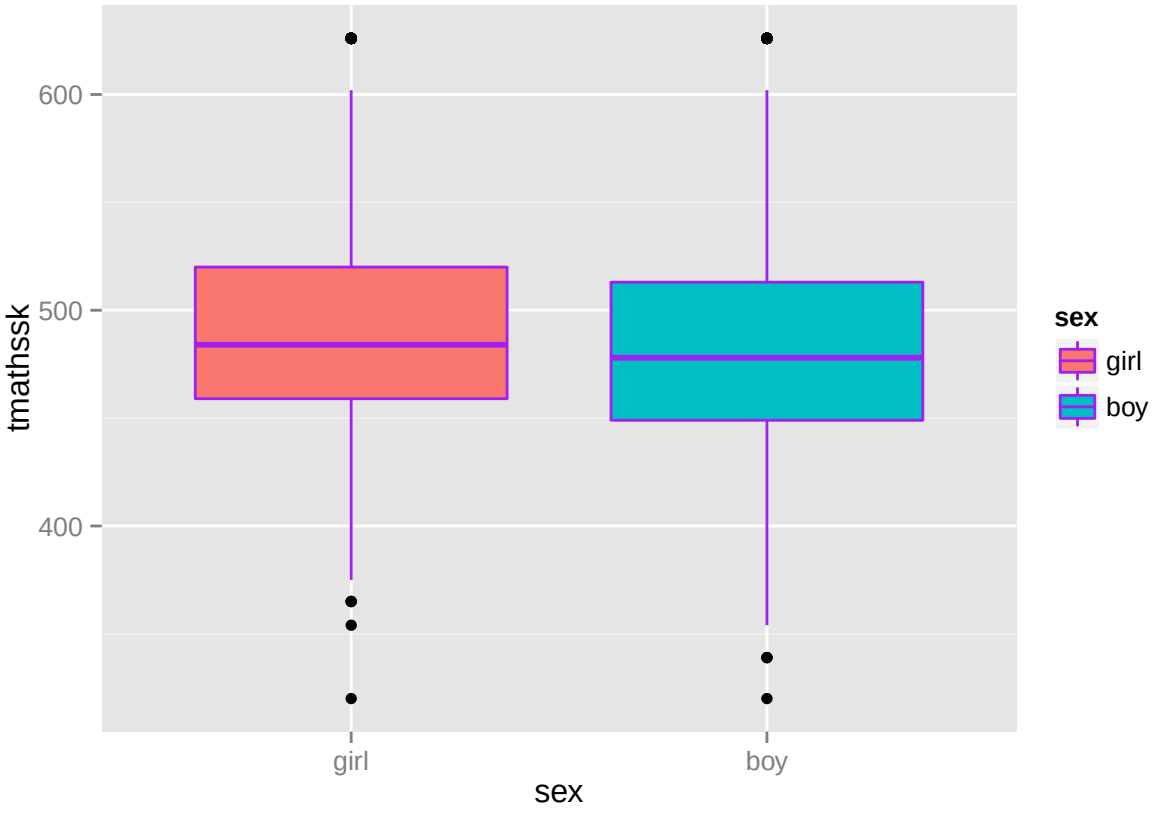
Part 1

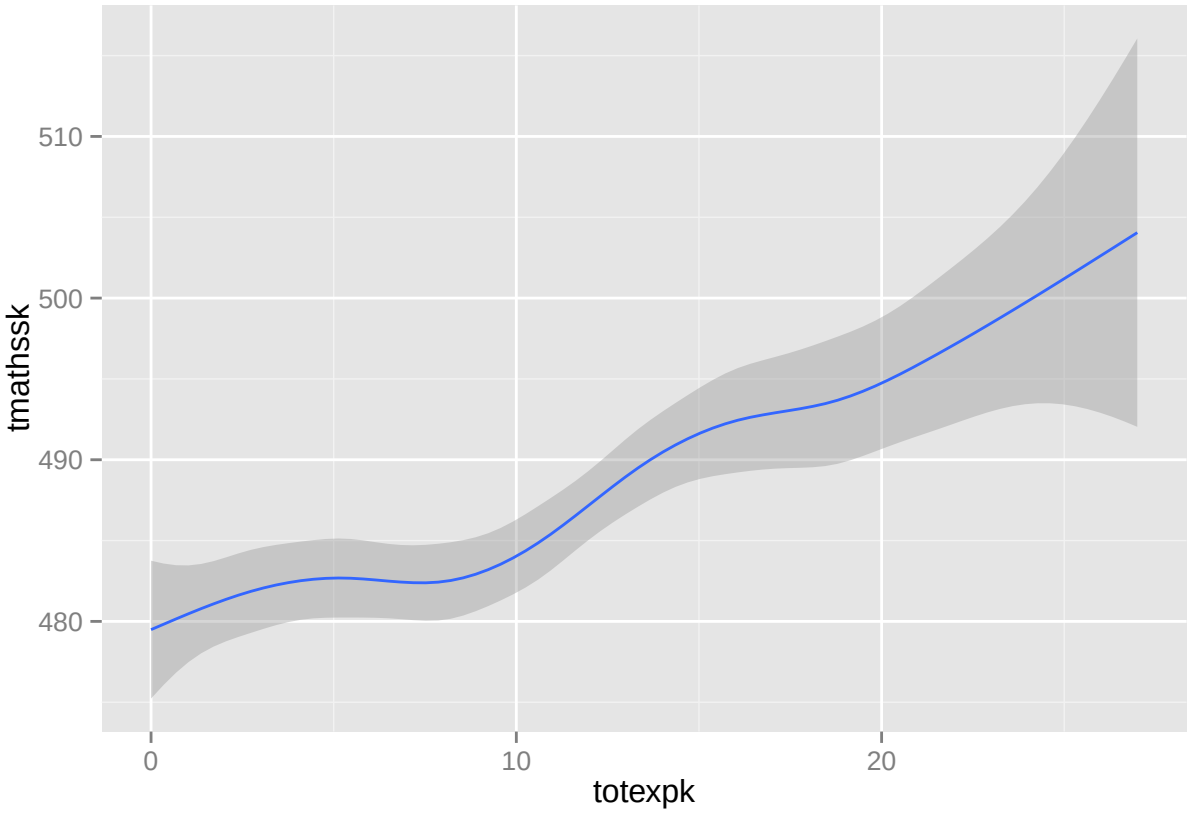

600
400
200
0
count
300
400
500
600
tmathssk

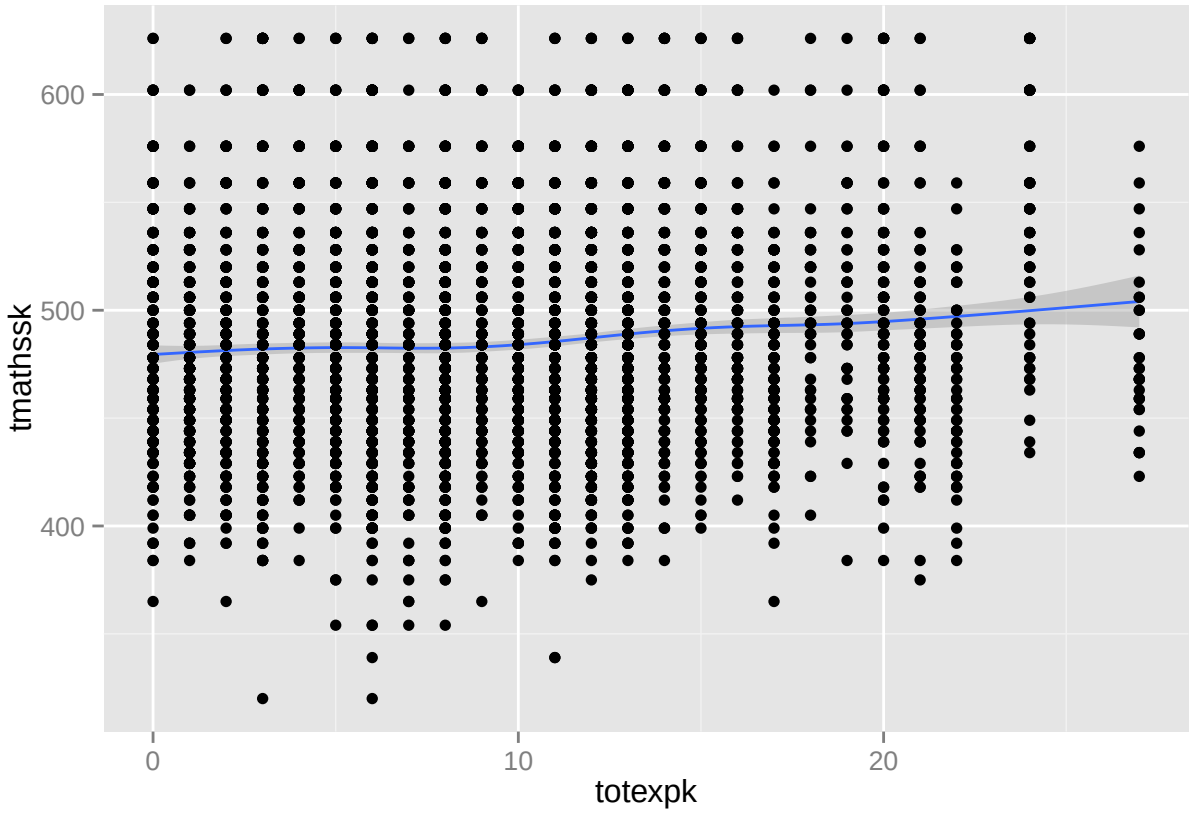

0.0075
0.0050
0.0025
0.0000
density
400
500
600
tmathssk


0.0075
0.0050
0.0025
0.0000
density
400
500
600
tmathssk
sex
girl
boy

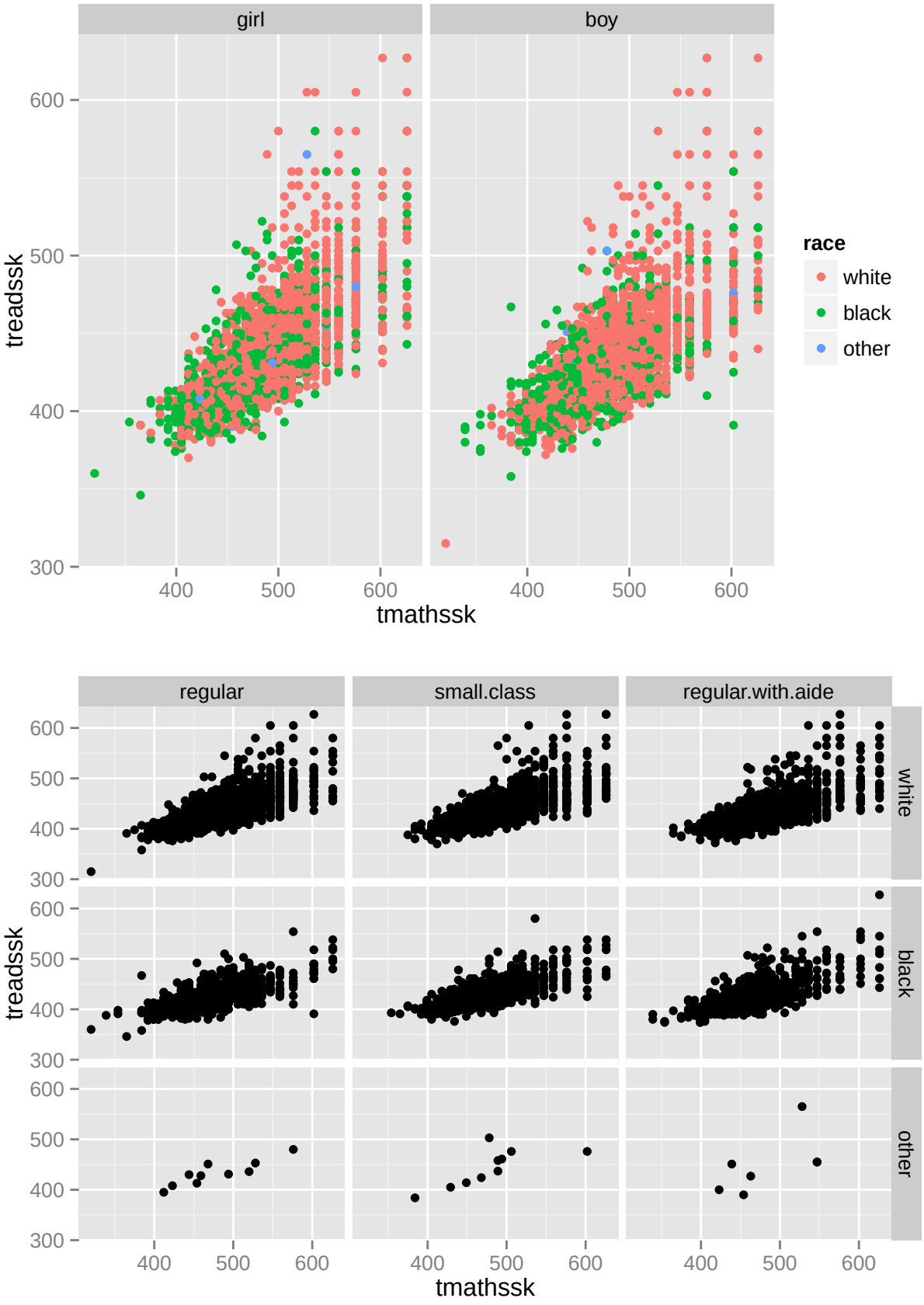

0.0075
0.0050
0.0025
0.0000
density
400
500
600
tmathssk
sex
girl
boy

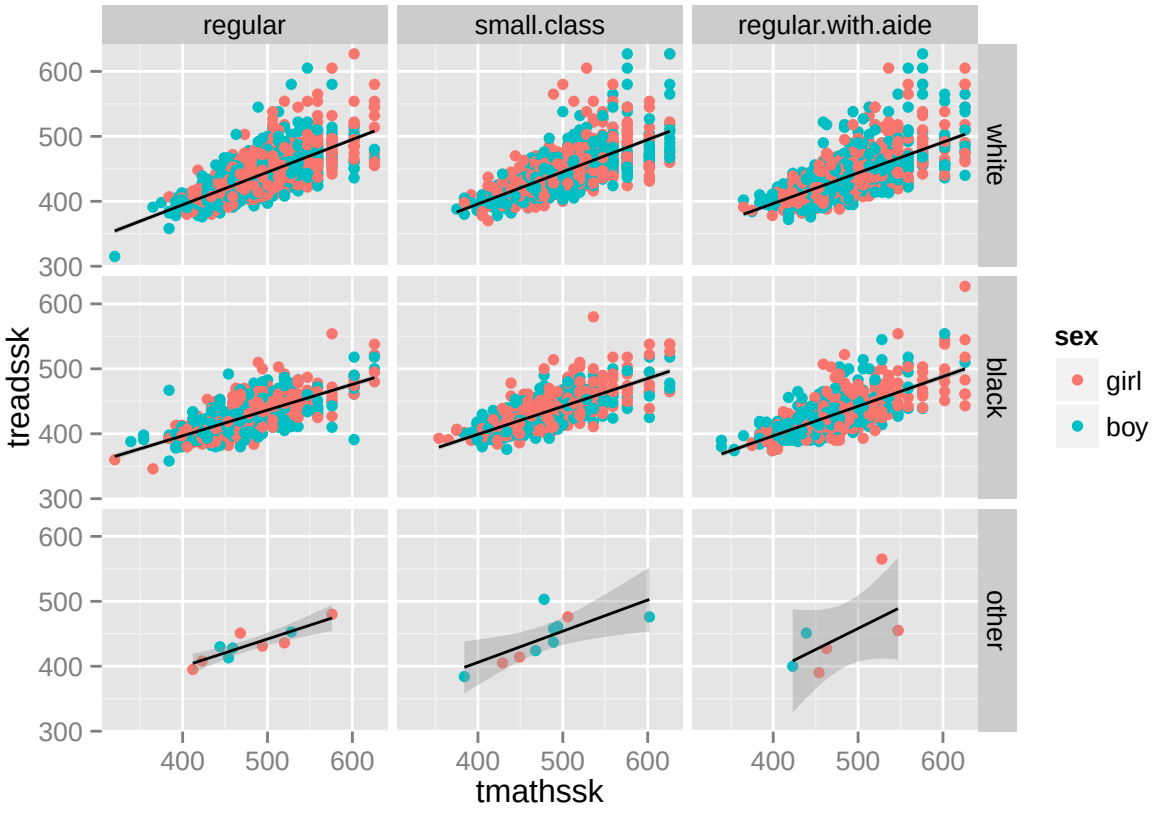

600
500
400
tmathssk
girl
boy
sex
sex
girl
boy

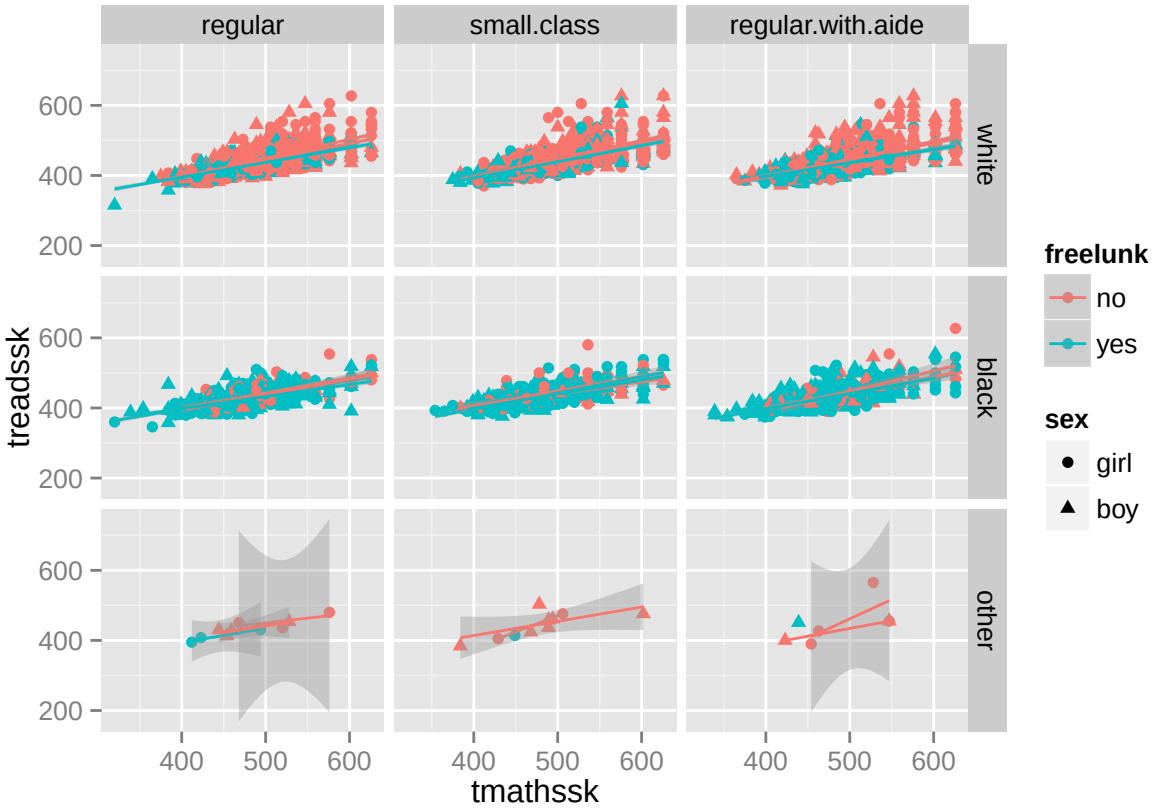

510
500
490
480
tmathssk
0
10
20
totexpk


600
500
400
tmathssk
0
10
20
totexpk

Part 2


girl
boy
treadssk
tmathssk
race
white
black
other
regular
small.class
regular.with.aide
white
black
other
300
400
500
600

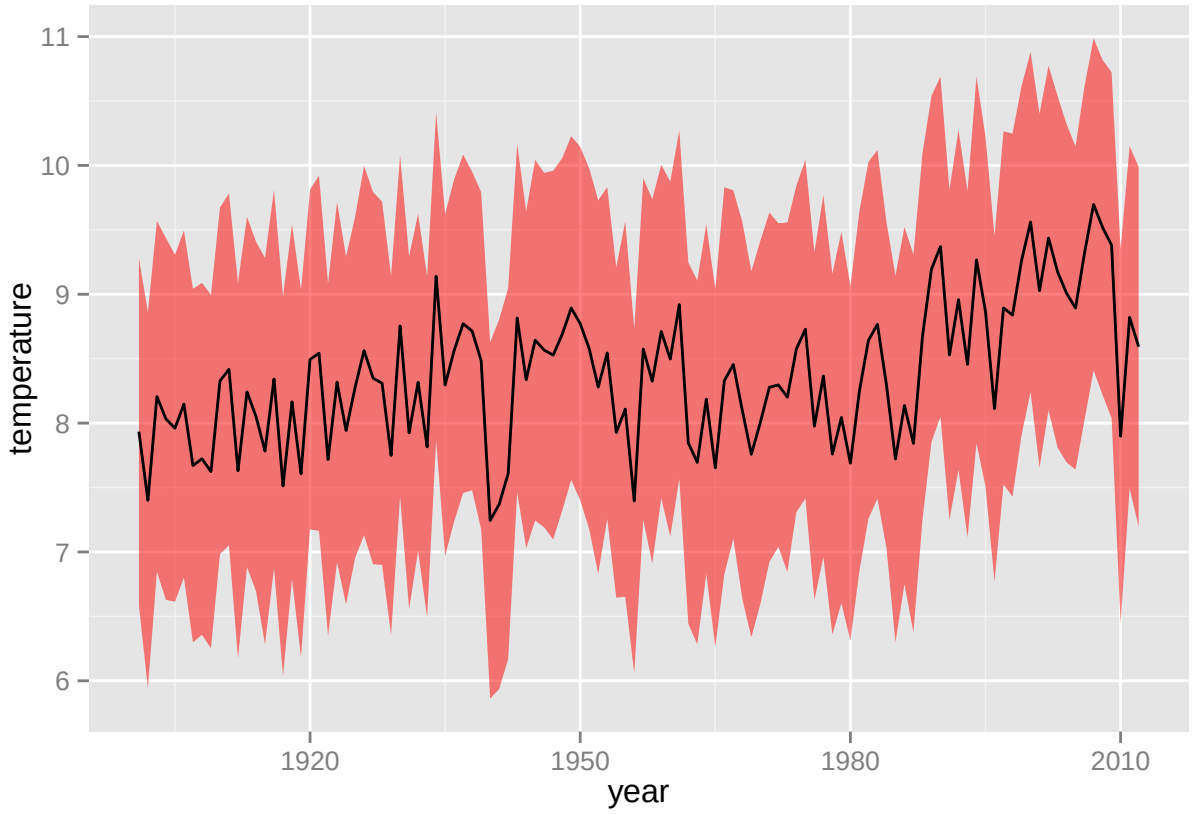

regular
small.class
regular.with.aide
white
black
other
treadssk
tmathssk
600
500
400
300
sex
girl
boy

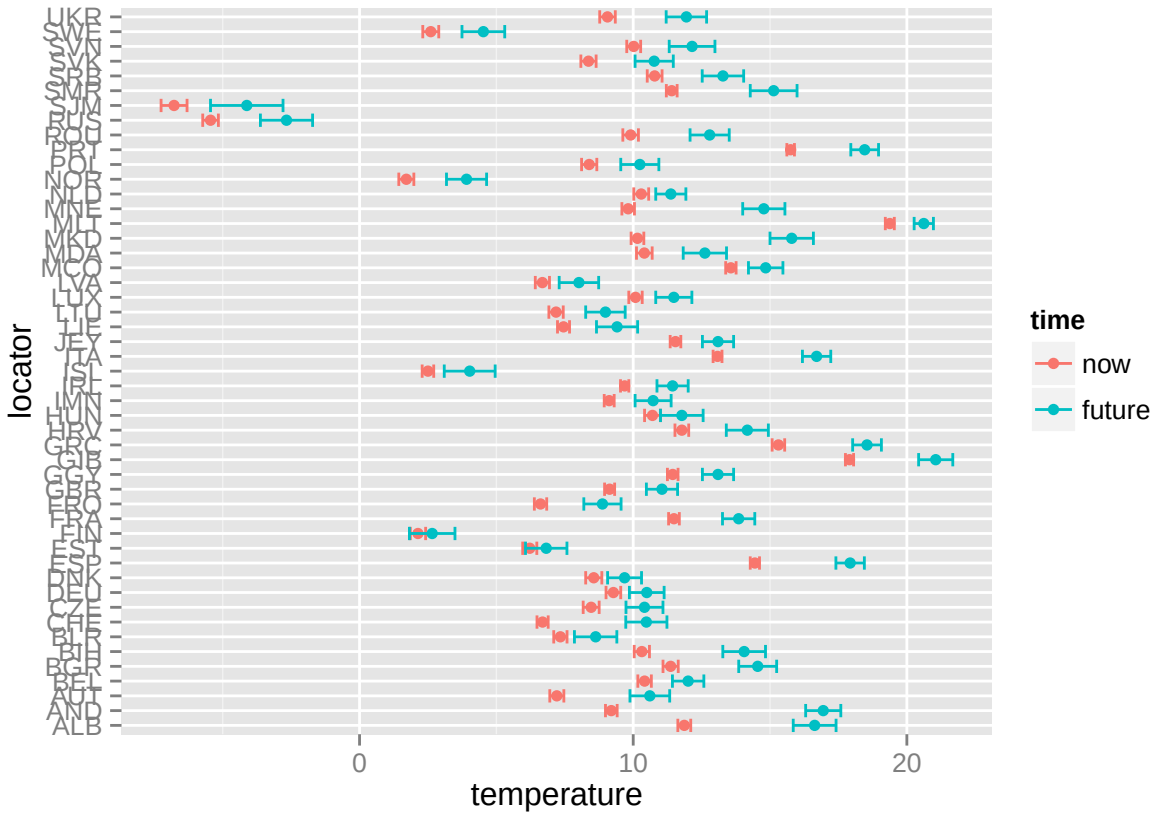


Still have time? Change the axis labels, add a title

Part 3

The file climatetemperatures.RData is a list with two data frames. Temperature_by_year is used in the first plot; futureeuropetemp is based off of 15 or so climate models predicting the temperature of european countries in the end of the 21st centure. Hint: The 95 percent confidence intervals (which are plotted below are 1.96 times the standard error over/under the mean)


temperature
year
11
10
9
8
7
6
1920
1950
1980
2010


locator
temperature
time
now
future
0
10
20

Have more time? Change the theme. Start exploring scales, and change the colours of the points. Change the y-axis to go from the minimum to the maximum. Can you change the title of the legend?