

MATH 4939 Feb. 9, 2022

## Quing #4

Using the 'hs' data set in spida2:

*y is mathach*

1. Fit a model that has interactions among Sector, Sex (student-level) and ses.
2. Plot the lines for the fitted model on panels showing the data for individual schools.

Note: You do not need to do anything fancy for the plot of data, e.g. no need to label or order the schools in any particular way.

You may cut and paste lines from 'latticeExtra\_examples.R', in particular the definition of the function 'pred.grid'