

Homework Solutions

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Exercise 20

- (a) The response variable is the student's progress.
- (b) The explanatory variables are (1) the student's age, (2) the piano teacher, and (3) the teaching method used.
- (c) The number of pupils needed is $2 \times 5 \times 4 \times 6 = 480$. (2 methods, 5 age levels, 4 teachers, 6 pupils per treatment)