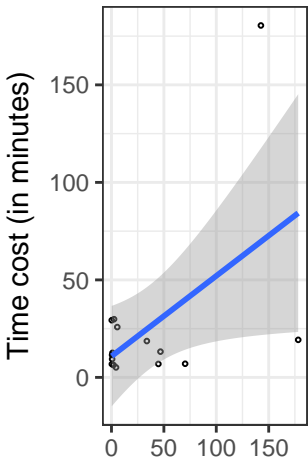
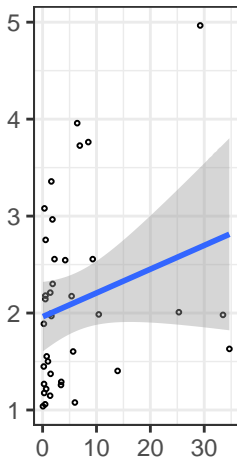


long



medium



Number of test cases ($\times 10^2$)