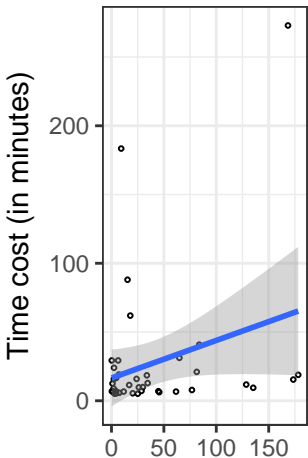
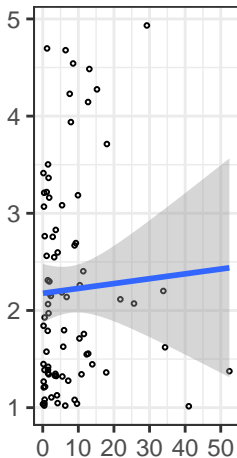


long



medium

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