- 1. True? A correct model has unbiased estimates and
 expected value of residuals is 0. However, there may
 still be a lot of irreducible error/hoise. We want to reduce ME
 without over fitting as it reduces predictive expability

 False Many nuisance X variables results in large variance,
 with low bias.
- Filse R² is a poor model selection criterion 2s it does not decrease 2s more predictors we added on top of an existing model.
- True all else held equal, a decrease in SSE, will result in a lower Cp. AIC, and BIC (provided equivalent model complexity)
- True This is true as its numerator value is the same while the denominator value is lower in PRESSP, so PRESSP will always be greater.
- DTrue (clog n) p > 2p for clog n > 2, so BIC gendizes more complex models for n 28.
- DFdse- The stephise procedures are not guaranteed to find the best model and is only done because best subset selection is computationally expensive for large p and large n.