

Lecture 4: Comments on Assignment

- Reviewed interplay of experimental design, modelling and analysis in statistics.
- Argued for hypothesis testing as the appropriate tool for Q1.
- Pointed that the data speak strongly to one side of the question; weak conclusions to be avoided.
- Q2: $W = 0$ is different case than $W = k > 0$.
- Pearson-Lee height data: emphasis variance-bias trade-off in smoothing.
- Monte Hall: emphasized difference between unconditional and conditional analysis.

