

3-23-06

Types of problems

RSS

- structural sensitivity
- % contribution to uncertainty
- Range of values to a given confidence

Factorial

- Degrees of freedom + replicates
- Main effects
- Reading F chart (~~and~~ ~~infer~~) 25%, 5%, 1%
- Identify true probability statements.

Confidence Intervals

- Degrees of freedom
- using t table
- difference in means, when are statements true?

Calibration

- Degrees of Freedom
- calculate parameters ~~also~~ (will not have to do matrix algebra)
- give confidence interval for $\beta_0 + \beta_1$
- use calibration to predict y given x
- Prediction interval \rightarrow ~~same as~~ like confidence interval for dependant variable

Some simple questions, some harder
average has been $\sim 75\%$