Intro to Statistics with R: Analysis of Variance (ANOVA)

Post-hoc tests

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- E.g. Tukey's procedure

- Allow for multiple pairwise comparisons without an increase in the probability of a Type I error

- Vary from liberal to conservative

  - Most liberal = no adjustment

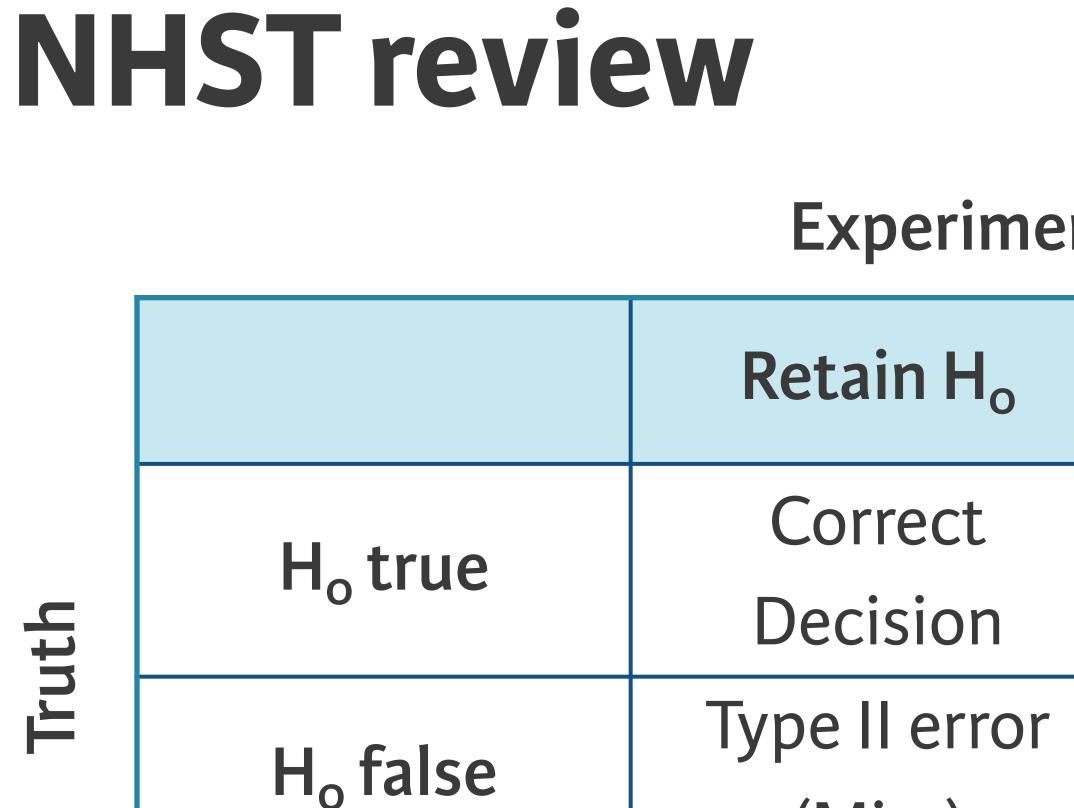 - Most conservative = adjust for every possible comparison that *could* be made

    Bonferroni's procedure

NHST review

Experimenter Decision

Truth		Retain H_o	Reject H_o
	H_o true	Correct Decision	Type I error $p = 0.05$
	H_o false	Type II error (Miss)	Correct Decision