

- New issues with 2- (3-, ... ) way ANOVA:  
multi-way ANOVA

None of this was  
relevant in one-way

Interactions

- See: figures
- Test: ANOVA tables
- Interpret:
  - ↳ what should we do?

↳ start here, get this out of the way.

Order of factors



More than one factor

- Effects on testing. } Anova  
Type II

- estimates of effects
- p-values

- ↳ Order matters
- ↳ " does not matter, but adding other terms changes p-values.

- Interpretation.

Order & interactions  
in 3-, 4-... way:

- Always higher order interactions first
- marginality principle & terms in model.