

Tutorial Concept Sheet 2  
(Covers lectures of 09/03 and 09/05)

Threats to Validity

Internal Validity

- Maturation
- History
- Self-Selection
- Experimenter Effects
- Demand Characteristics

External Validity

- Interaction between selection and the experimental variable
- The File-Drawer Problem

Subscript Notation

Single Subscript Notation and Double Subscript Notation

- Describing where a number is with subscript notation
- Identifying a number from its subscript notation

Summation Notation

- Evaluating Summation Algebra Expressions

Summation Algebra

- The 3 rules of summation algebra
- Deriving results from summation algebra

**Discussion Example**

**“The Power of Prayer”**

- The “Fill in the Blanks” Assumption
- Affirming the Consequent
- Fuzzy Dependent Measures
- Subject Expectancy Effects
- Experimenter Effects
- File-Drawer Problem