Three research designs are presented and the influences of these various threats on each are discussed. (see Table 1, p. 8)

-The "One-Shot" Case Study

I O

The authors designate this as the least worthwhile design.

The lack of control and lack of comparison except with "implicit common knowledge" lead to the "error of misplaced precision."

This design also suffers from all of the threats to which these that involve multiple measurements.

-The Gne-Group Pretest-Posttest Design

o<sub>1</sub> I o<sub>2</sub>

while this design is deemed bette: then doing nothing, the suthors use it as an example of many of the threats to internal validity. Of all of the threats, only ellection and mortality are controlled. As an interesting note, it is the feature of "experimental isolation" that allows the physical sc/ences to often gain control ever the threat of history when using this design.

-The Static-Group Comparison

Here, one group experiences the treatment, and the other does not. The dotted line shows that no means are used to test whether the are differences between groups in the to treatment. This design controls for all threats, except for selection and mortality.