

Notation Symbols

O = Observation

X = Treatment

R = Random Assignment to Group

--- = No Random Assignment

(Campbell, D.T. & Stanley, J.C.)

POSTTEST ONLY DESIGN

Between Subjects

R X O

R O

PRETEST-POSTTEST DESIGN

Within Subjects

$O_1 X O_2$

PRETEST-POSTTEST DESIGN

Mixed

RO_1XO_2

$RO_1 O_2$

NONEQUIVALENT CONTROL GROUP

$O_1 \quad X \quad O_2$

$O_1 \quad O_2$

NONEQUIVALENT POSTTEST ONLY DESIGN

X O

O