

TABLE 3
SOURCES OF VALIDITY FOR QUASI-EXPERIMENTAL DESIGNS 13 THROUGH 16

Quasi-Experimental Designs

Continued:

SOURCES OF INVALIDITY FOR QUASI-EXPERIMENTAL DESIGNS 7 THROUGH 12			
		Sources of Invalidity	
		Internal	External
History	Maturity	Testing	Instrumentation
Quasi-Experimental Designs:			
		Motivation	Regression
		Selection	Measurement
		Interaction of Selection and Motivation	Interaction of Testing and X
			Interaction of Testing and X
			Interaction of Selection and X
			Arranging Gmcmenu
			Reactive
			Multiple-X
			Intercference

Quasi-Experimental Designs:											
7. Time Series	- + + ? + + + + + +	-	?	?	-	?	?	-	-	-	-
0 0 0 X 0 0 0 0 0 0 0	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
8. Equivalent Time	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
Samples Design	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
X 0 X 0 X 0 X 0, etc.	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
9. Equivalent Materials	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
Samples Design	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
M 0 X 0 M 0 X 0, etc.	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
10. Nonequivalent Control Group Design	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
X 0 0	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
11. Counterbalanced Designs	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 X 0 0	+ + + + + + + + + +	-	?	?	-	?	?	-	-	-	-
12. Separate-Sample Pretest-Posttest Design	- - + + + + + + + +	-	?	?	-	+	+	-	-	-	-
R O (X) R X 0 R 0 (X) R X 0	- - + + + + + + + +	-	?	?	-	+	+	-	-	-	-
12a. R O (X) R X 0 R 0 (X) R X 0	- + + ? + + + + + +	-	?	?	-	+	+	-	-	-	-
12b. R O 1 (X) R O 2 (X) R X O 1 R X O 2	- + + ? + + + + + +	-	?	?	-	+	+	-	-	-	-
12c. R Q 1 (X) R Q 2 (X) R X Q 1 R X Q 2	- + + ? + + + + + +	-	?	?	-	+	+	-	-	-	-