

Program Name: **mcnempow**

Language: SAS

Objective: Computing the exact power of the asymptotic McNemar test at any nominal level against an arbitrary specific alternative

Input:

ALPHA	significance level
N	sample size
DEL0	absolute value of both limits of the equivalence range for DELTA= P10-P01
P10	probability of a positive response to Treatment 1 and a negative one to Treatment 2
P01	probability of observing the reverse response pattern

Output:

ALPHA	value read from input file
N	" " " " " " "
DEL0	" " " " " " "
P10	" " " " " " "
P01	" " " " " " "
POW	exact power against the selected alternative (P10,P01)
ERROR	character string with possible values 'none' [<=> no violation of the basic condition that each section of the rejection region must exhibit the form of an interval] and '!!!!' [<=> violation occurred]