

Program Name: **mcnby_ni_pp**

Language: SAS/IML

Objective: Computing the posterior probability of the alternative hypothesis of noninferiority in the McNemar setting, given a specific point in the sample space

Matrices to be loaded from external files:

C abscissas for 96-point Gauss-Legendre integration
G weights " " " " " " " " "

Input:

N sample size
DELO equivalence margin
N01 observed frequency of discordant pairs of the first kind [treatment A inferior to B]
N10 observed frequency of discordant pairs of the second kind [treatment A superior to B]

Output:

N see list of input parameters
DELO " " " " " " " "
N01 " " " " " " " "
N10 " " " " " " " "
PPOST observed posterior probability of the hypothesis of noninferiority