Program Name: **mcnby_ni**

Language: SAS/IML

Objective: Computing corrected nominal levels and rejection probabilities under selected alternatives in the objective Bayesian test for noninferiority in the McNemar setting

Matrices to be loaded from external files:

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

Input:

N	sample size
DEL0	equivalence margin
K1,K2,K3	parameters of the Dirichlet prior
NSUB	number of subintervals used for partitioning the integration interval
SW	width of search grid
ALPHA	significance level
MAXH	maximum number of iteration steps

Output:

N	see list of input parameters
DEL0	" " " " " " " " "
K1,K2,K3	" " " " " " " " "
SW	" " " " " " " " "
NSUB	" " " " " " " " "
ALPHA0	corrected nominal level
SIZE0	size of the test when carried out at nominal level ALPHA0
SIZE_UNC	size of the test when carried out at nominal level ALPHA
POW	vector power values computed under different null alternatives