Program Name: **bi2by_ni_del**

Language: SAS/IML

Objective: Determining corrected nominal levels for the objective Bayesian test for one-sided equivalence of two binomial distributions with respect to the difference

Input:

N1	size of Sample 1
N2	size of Sample 2
EPS	noninferiority margin
SW	width of search grid
NSUB	number of subintervals used for partitioning the integration interval
ALPHA	significance level
MAXH	maximum number of iteration steps

Matrices to be loaded from external files:

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

Output:

N1	see list of input parameters
N2	" " " " " " " " "
EPS	" " " " " " " " "
ALPHA	" " " " " " " " "
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