

Program Name: **bi2wld_ni_del**

Language: SAS/IML

Objective: Determining corrected nominal levels for the Wald-type (asymptotic) 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 |
| ALPHA | significance level |
| MAXH | maximum number of iteration steps |

Output:

| | |
|----------|--|
| N1 | see list of input parameters |
| N2 | " " " " " " " " " |
| EPS | " " " " " " " " " |
| ALPHA | " " " " " " " " " |
| SW | " " " " " " " " " |
| 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 |
| ERR_IND | indicator which would be set equal to 1 if an exception concerning the form of the rejection region should occur |