Program Name: **bi2rlv2**

Language: Fortran

Objective: Computation of sample sizes for the exact Fisher type test for relevant differences

Input[1]:

RHO1   lower irrelevance limit to the odds ratio
RHO2   upper 〞 〞 〞 〞 〞 〞 〞 〞
ALPHA   level of significance
P1   probability of a positive response ("success") in Group 1
P2   〞 〞 〞 〞 〞 〞 〞 〞 〞 〞 〞 〞 〞 Group 2
BETA   minimal power to be achieved against the alternative (P1,P2)
QLAMBD sample-size ratio = [number of observations in Sample 1]/
        [number of observations in Sample 2]

Output[2]:

RHO1   〞 〞 〞 〞 〞 〞 〞
RHO2   〞 〞 〞 〞 〞 〞 〞
ALPHA   〞 〞 〞 〞 〞 〞 〞
P1   〞 〞 〞 〞 〞 〞 〞
P2   〞 〞 〞 〞 〞 〞 〞
BETA   〞 〞 〞 〞 〞 〞 〞
LAMBDA 〞 〞 〞 〞 〞 〞 〞 [= QLAMBD]
M   sample size required for Group 1
N   〞 〞 〞 〞 〞 〞 Group 2
POW   exact rejection probability under (P1,P2) with (M,N) observations

---

[1] to be read from the file specified in the first OPEN statement
[2] written to the file specified in the second OPEN statement