

Program Name: **postmys**

Language: SAS

Objective: Computation of the posterior probability of the equivalence range specified for the standardized difference of means in the paired *t*-test setting

Input:

N	sample size
DQ	observed difference of means
SD	empirical standard deviation
EPS1	absolute value of the lower limit of the equivalence range
EPS2	upper limit of the equivalence range
TOL	upper limit to the approximation error due to truncating the range of integration to the right

Output:

N	value read from input file
DQ	" " " " " " "
SD	" " " " " " "
EPS1	" " " " " " "
EPS2	" " " " " " "
TOL	" " " " " " "
PPOST	posterior probability of the interval $(-\varepsilon_1, \varepsilon_2)$