

READ ME FIRST

It is our pleasure to offer you, with our compliments, the computer programs of cancer survival analysis based on the Boag model and its extensions. When you read **Overview**, you will find several significant features of our analysis that distinguish it from conventional analyses supplying desiderata for clinicians and patients.

In order to perform cancer survival analysis, at least one application program file and one data file are required. Maetani programs contains three application programs, each named after the author who originally designed the underlying statistical model, i.e., **Boag**, **Gamel** and **Cox**. These three programs were originally written in HTBasic for Windows and later translated into **Visual Basic for Application** (VBA). Please read **HOW_TO_RUN_VBA** to use these applications.

As for the data file, each user needs to create Microsoft Excel data from their own cancer patients (see **HOW_TO_CREATE_DATA**). Maetani programs contains two examples of such datasets, one is taken from the gastric cancer patients operated on in Tenri Hospital between 1966 and 1973 (**GC_TENRI.wls**). The other example is cited from a randomized controlled trial of acute lymphoblastic leukemia reported by Freireich et al (**ALL_ALGB.wls**); you can try survival analysis using these examples.

In addition, to predict the patient life expectancy, the life tables of the same nation as that of the patients are preferable. There are life tables of six nations in the Maetani programs, including American (**LIFETAB_A**), British (**LIFETAB_B**), Dutch (**LIFETAB_D**), France (**LIFETAB_F**), German (**LIFETAB_G**), and Japanese (**LIFETAB_J**). If no life-table is available for your patients, select the most appropriate one among the above list or give up the prediction of life expectancy.