

**THE BASIC STEPS REQUIRED TO INSTALL AND RUN BIOVOICE ARE DESCRIBED HERE. PLEASE, READ  
CAREFULLY BEFORE INSTALLING BIOVOICE**

### **Installing BioVoice**

In order to use BioVoice, the computer must be equipped with at least an Intel® Core™i3 processor running a 64-bit version of Windows OS (from Windows 7 on). It has not been tested on Mac OS or Linux.

BioVoice requires MATLAB® Runtime R2017b. If your computer is not provided with MATLAB® Runtime R2017b, when you launch BioVoice an error message will appear on your screen (Figure 1). Please download it from <https://www.mathworks.com/products/compiler/matlab-runtime.html> and install the runtime.

The download may take several minutes, depending on the computer in use. Then go to the Downloads folder and launch the runtime installer. Follow the instructions as explained in Figure 2 to install Matlab runtime.

Matlab runtime is free and you do not need a Matlab license to have it installed on your computer.

Maybe warnings will appear that advise against installing this app, depending on the antivirus program that runs on the computer. Ignore such warnings and proceed with the installation. The Runtime installation requires 2'-10' depending on the computer: be patient!

BioVoice is delivered in a .zip file named BioVoice-master.zip. It is freely downloadable following the link <https://github.com/ClaudiaManfredi/BioVoice>. Sign up is not requested. Just click on the green “clone or download” button on the top right side of the window as shown in Figure 3 (top left picture). Then, click on “Download ZIP” (top right picture). Save the BioVoice-master.zip file and unzip it. The .zip file contains the executable file BioVoice.exe and a Readme.txt file that describes the main features of BioVoice and how to install it. You can move the folder “BioVoice-master” where you prefer.

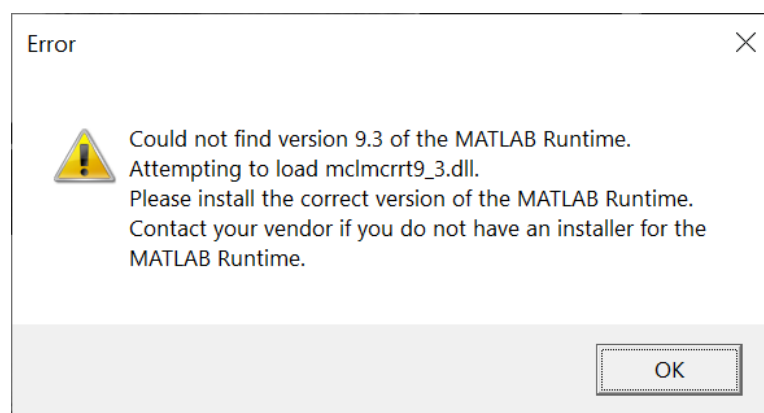


Figure 1 – Message Box. This message appears when MATLAB® Runtime R2017b is not installed on your computer.

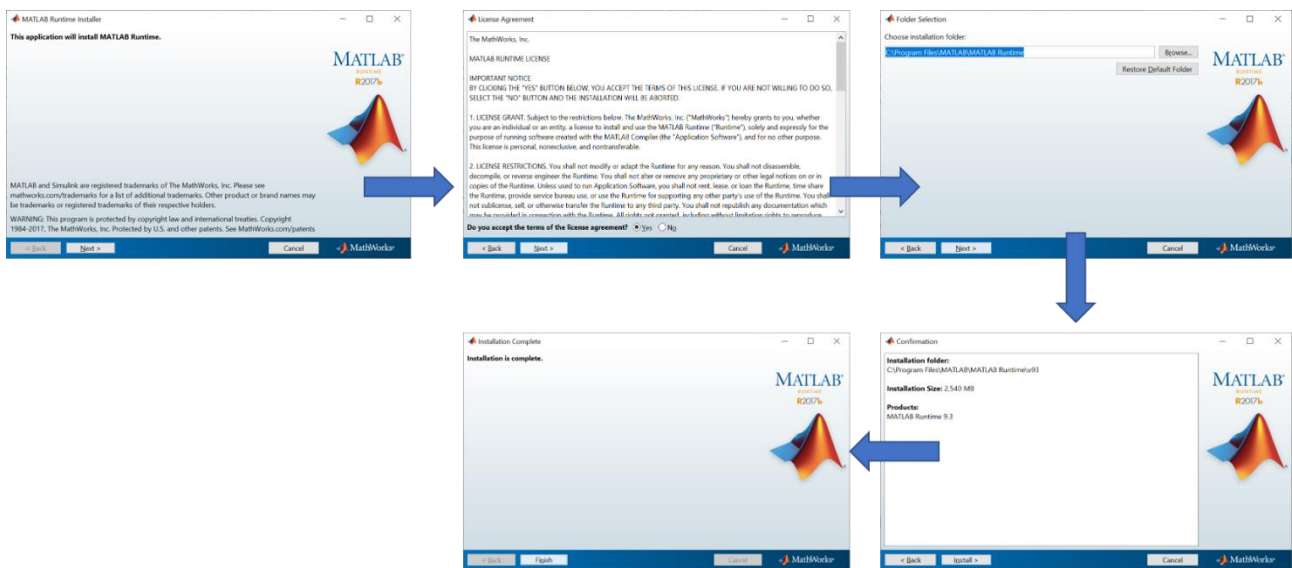


Figure 2 - MATLAB® Runtime R2017b installation. The main windows displayed during installation of Matlab runtime are shown clockwise starting from the upper left picture

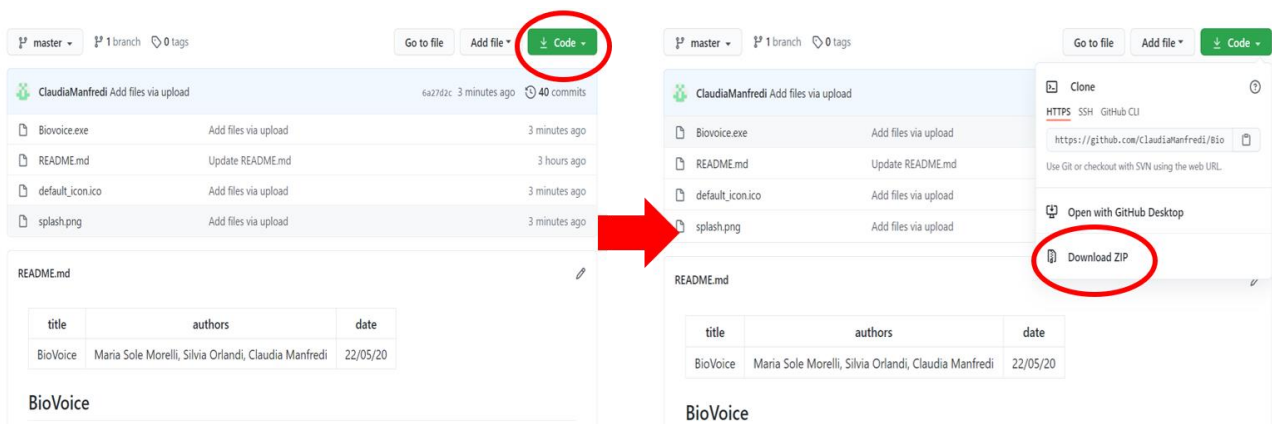


Figure 3 – BioVoice download. The main windows displayed during the download of BioVoice are shown clockwise starting from the upper left picture

## Running BioVoice

BioVoice can be launched from the folder where it was installed or through a link on the desktop. A picture showing the logo is displayed (Figure 4). After 1'-2' (be patient again!) the main BioVoice interface appears along with a warning message (Figure 5). Excel files or figures concerning previous analysis must be closed, otherwise, BioVoice could stop running.



Figure 4 – BioVoice Logo

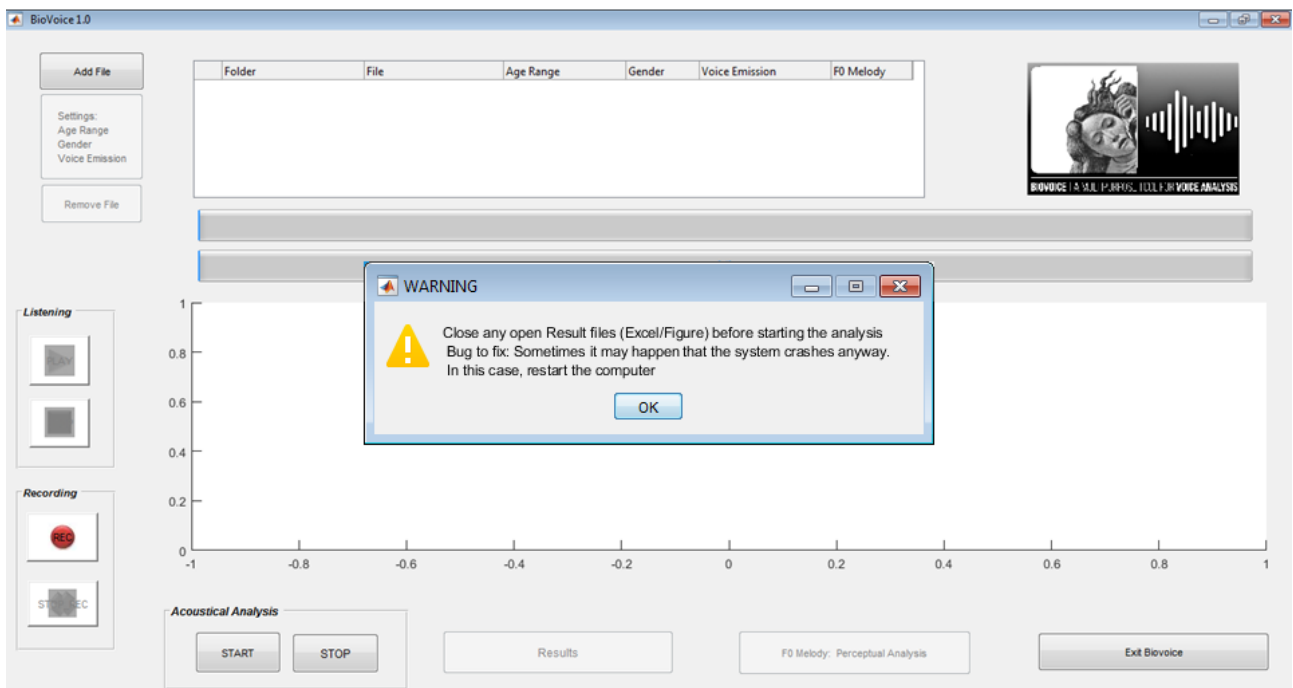


Figure 5 – BioVoice user-friendly interface. Buttons on the left and lower side allow several choices.