Task 3 (warm-up)

Load the data (ab.mat), consisting of two vectors ***a*** and ***b***. Elements of these vectors are the results of an experiment and they describe the mass of Brussels sprouts grown in different fields. It is not known which field each sample belongs to. The average weight of sprouts for both fields are equal to **10.5 g** and **9 g**.

You need to create a rule (or try to guess) that will allow us to determine which field the samples belong to.

Do it !!!

(Brussels [brʌslz] sprouts [spraʊts])

Step-by-step hint

1) Download *ab.mat*
2) Did we receive averages for both General populations or for both samples?
3) Compare the volume of the two samples. If they are different, you need to consider their values in algorithm.
4) Is it important to know the value of sample average in our case (task)?
5) What kind of measurement (or measure) helps us determine the correspondence of samples to the fields under consideration.
6) Using the selected measure determine the link between the samples and the fields determined by their average values.
7) Draw conclusions