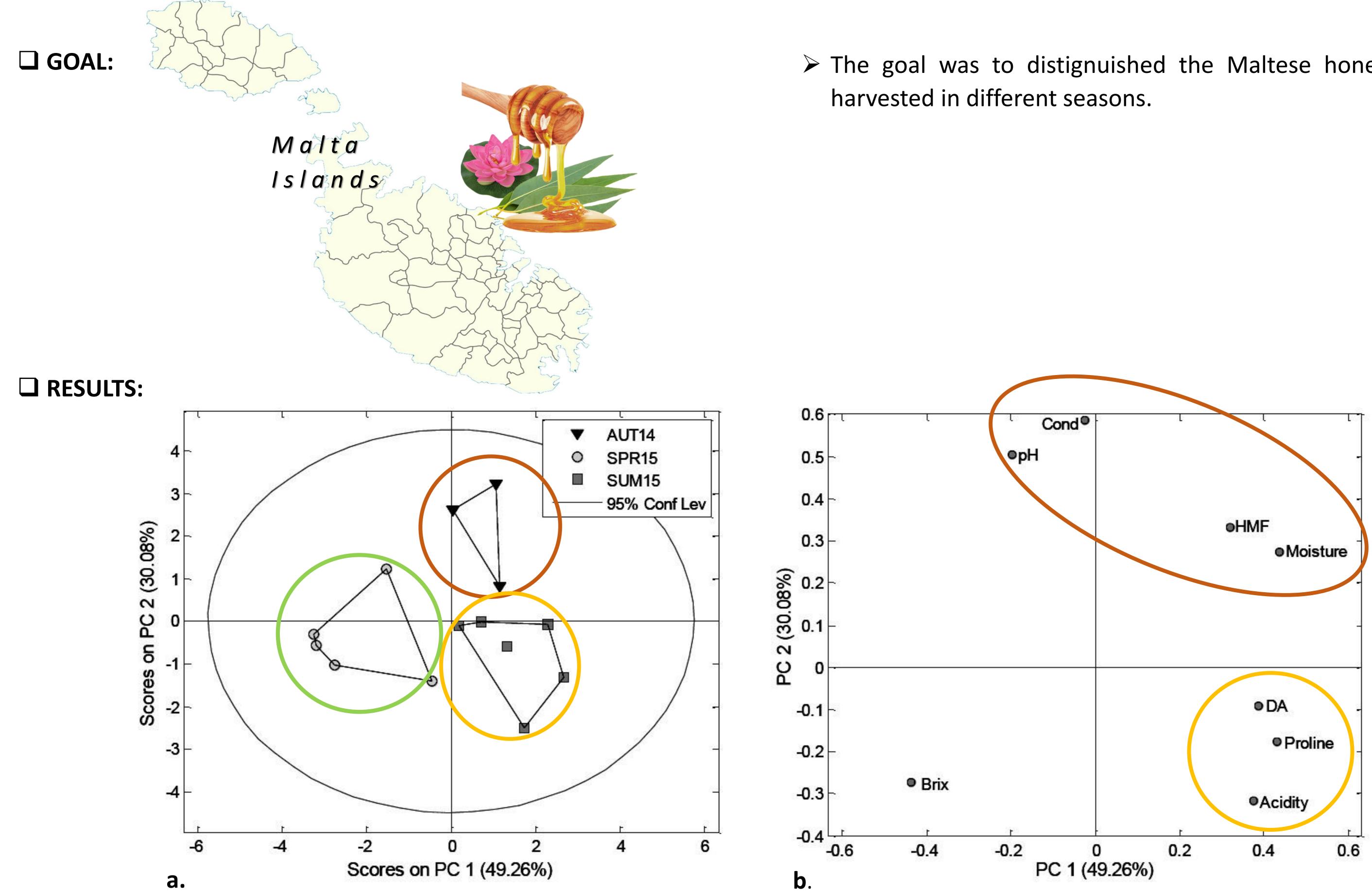
CHARACTERIZATION OF MALTESE HONEY HARVESTED IN DIFFERENT SEASONS BY USING PHYSICOCHEMICAL PARAMETERS AND APPLIED MULTIVARIATE DATA ANALYSIS

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> The goal was to distignuished the Maltese honeys samples

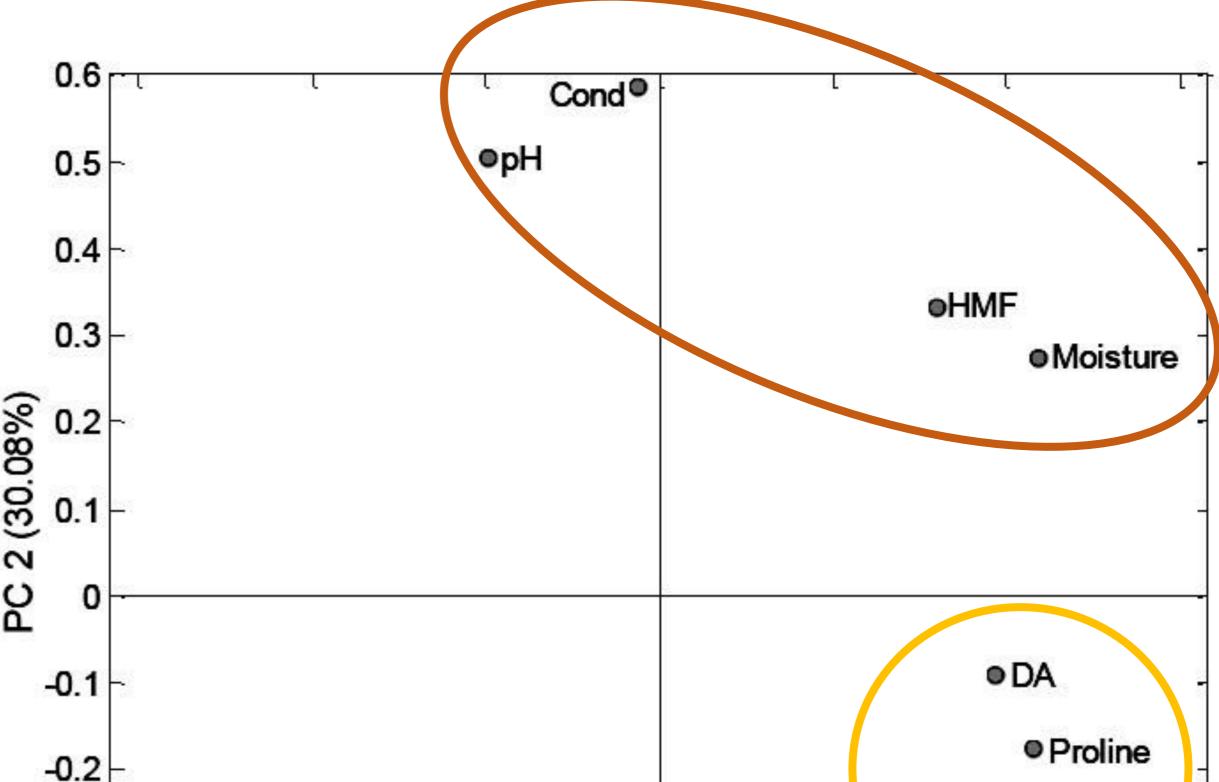


Figure 1. PCA model based on physicochemical parameters for Maltese honey collected at different seasons, a. score plot, b. loading plot

CONCLUSION: PCA analysis performed on the data of physicochemical parameters revealed distinctly grouping of the samples according to seasonal variability.

> AUTUMN HONEY samples was determined by moisture content, electrical conductivity and HMF content.

 \succ SPRING HONEY samples possessed the lowest value of all physicochemical parameters.

> SUMMER HONEY samples was distignuished by free acidity, diastase activity and proline content.

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