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Determination of geographical origin of commercial tomato through analysis of stable isotopes, elemental composition and chemical markers

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- Different approaches to assign the country of origin to commercial tomato samples.
- Three sets of parameters were used: stable isotopes, elements, and chemical markers.
- The first use of the combination of proposed parameters.
- The elemental data provides the same predictive power as the combined data from all three approaches.
- In both cases, correct classification was obtained for 80% of samples.

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