

APPLICATIONS OF SRD-METHOD IN HORTICULTURAL AND FOOD SCIENCES

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Scientific questions in horticultural and food sciences can be classified by their complexity. On the one hand, the effect of an attribute is evaluated without changing other factors. The other type is when the effect of the interactions of different treatments is analysed. In some cases, it would be necessary to use new approaches. How can we evaluate cultivars, methods, proceedings, treatments, *etc.* meanwhile using all parameters at the same time? Sum of Ranking Differences (SRD) is an alternative statistical method, implemented by Héberger (2010). Validation and the software implementation was done by Héberger and Kollár-Hunek (2011). Cultivars, methods, proceedings, treatments, *etc.* can be compared successfully with SRD-method. Several international publications proved the relevancy of the methodology. In this study, SRD-method is introduced, as well as those researches, which conducted in horticultural and food sciences. Based on these, new fields of application are suggested.

Acknowledgements: This project was supported by the Ignaz Bartos Research Scholarship of the Hungarian Academy of Sciences.