

Compositional data analysis of repeated measures in grasses

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The analysis of time or spatially repeated measures, imposes problems due to the association between successive observations on the same experimental unit. In some cases, for example in the analysis of grass forage production throughout time, summary measures such as total production would be useful, although some information could be lost. When the objective is to compare the production pattern of different species, raw data can be treated like compositional data. This can be advantageous when forage production is most evenly distributed throughout the growing season. An example with real data is presented.

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