

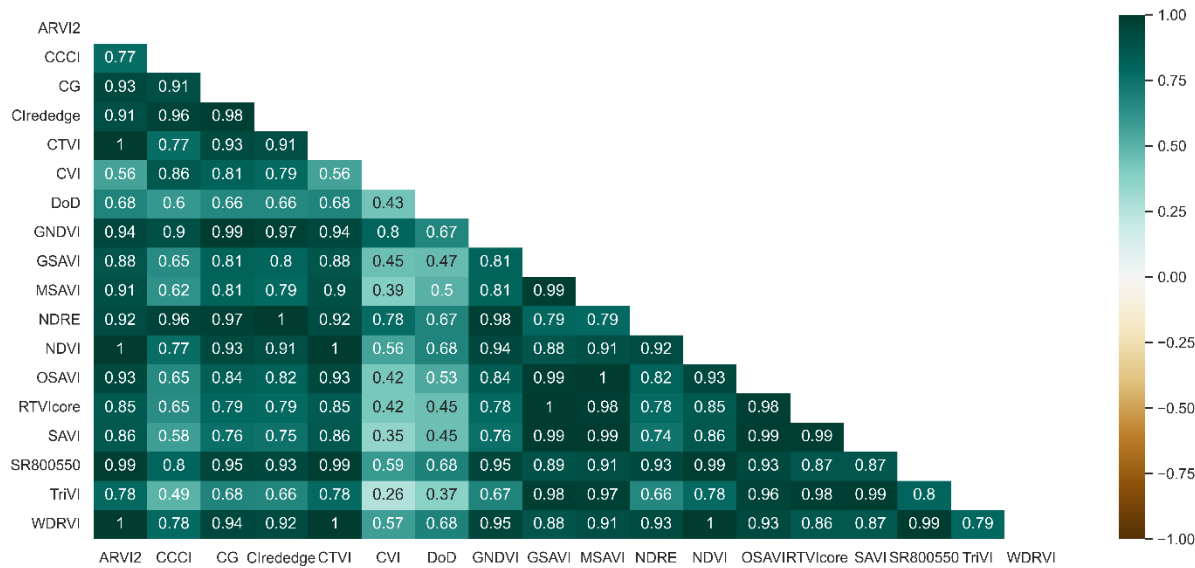
Supplement D

Applicability of above-ground crop monitoring to identify soil compaction

Heatmaps of vegetation indices correlations

Correlation matrix of all vegetation indices (VI) and sites. The heatmaps are from the dates with the highest (mean) VI plant development, i.e., green plants, full vegetation cover, no senescence. Values shown are correlation coefficients r . VIs are listed alphabetically.

Correlation

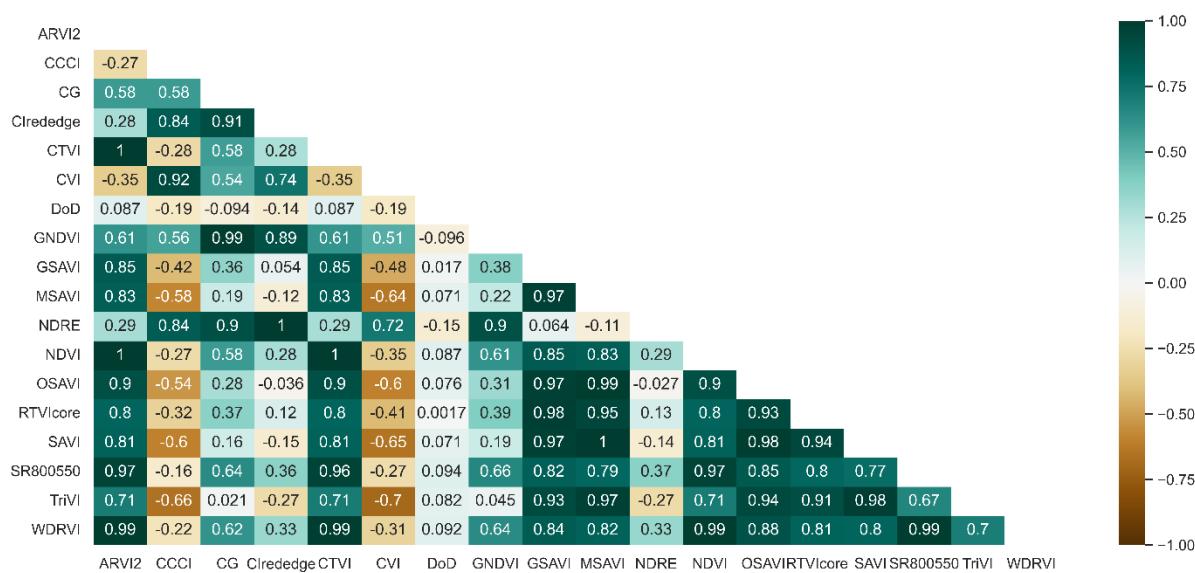


Herzogbirbaum

10 June 2022

winter wheat

Correlation

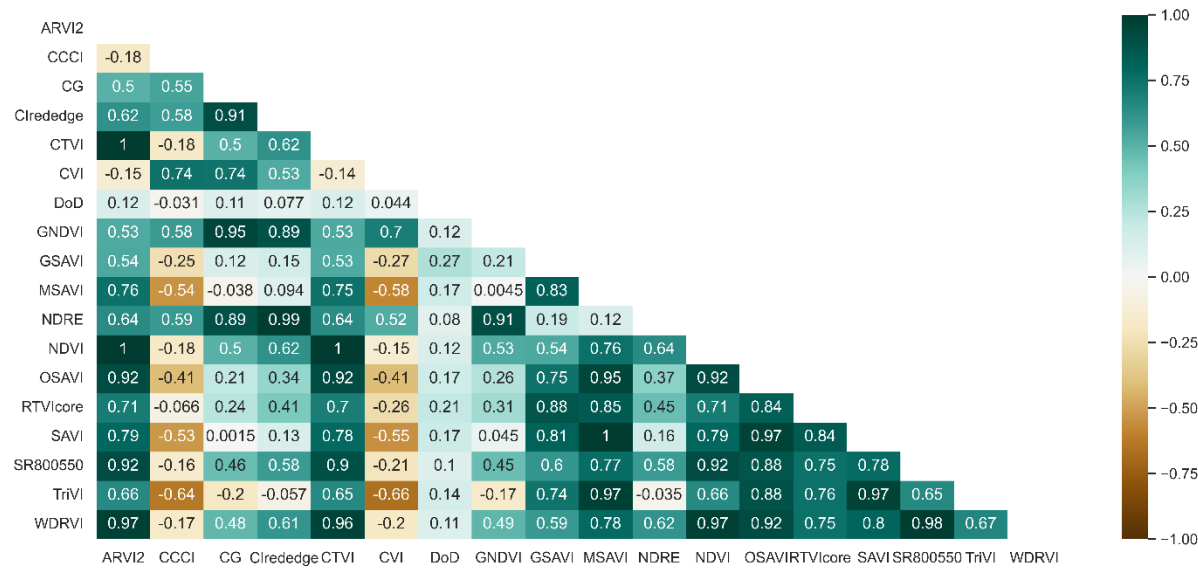


Herzogbirbaum

24 May 2023

rapeseed

Correlation

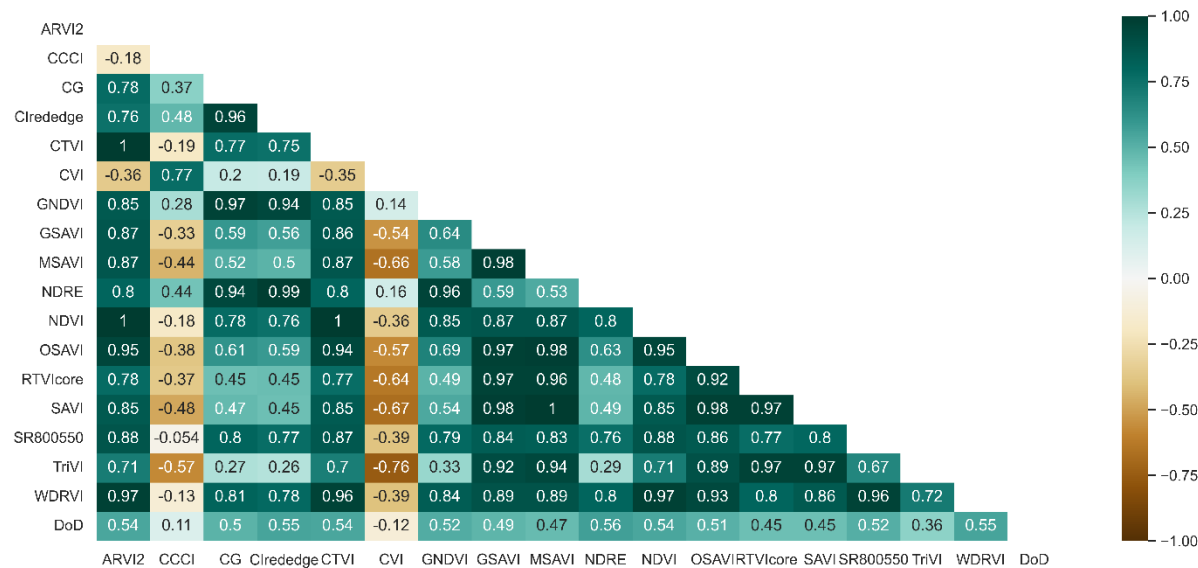


Groß-Enzersdorf

28 June 2022

maize

Correlation

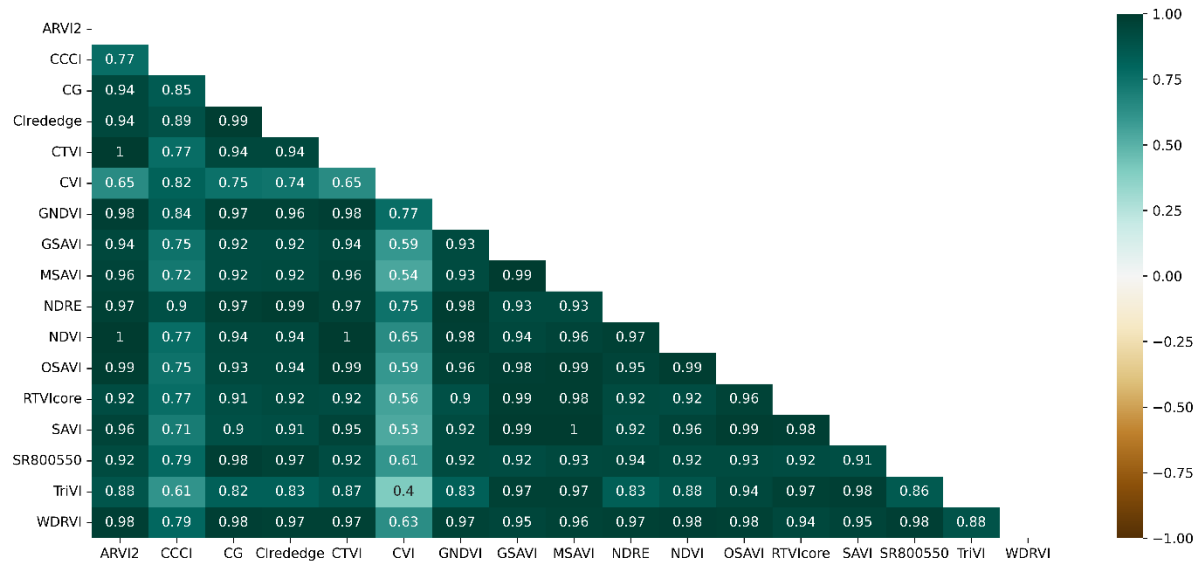


Groß-Enzersdorf

30 June 2023

maize

Correlation

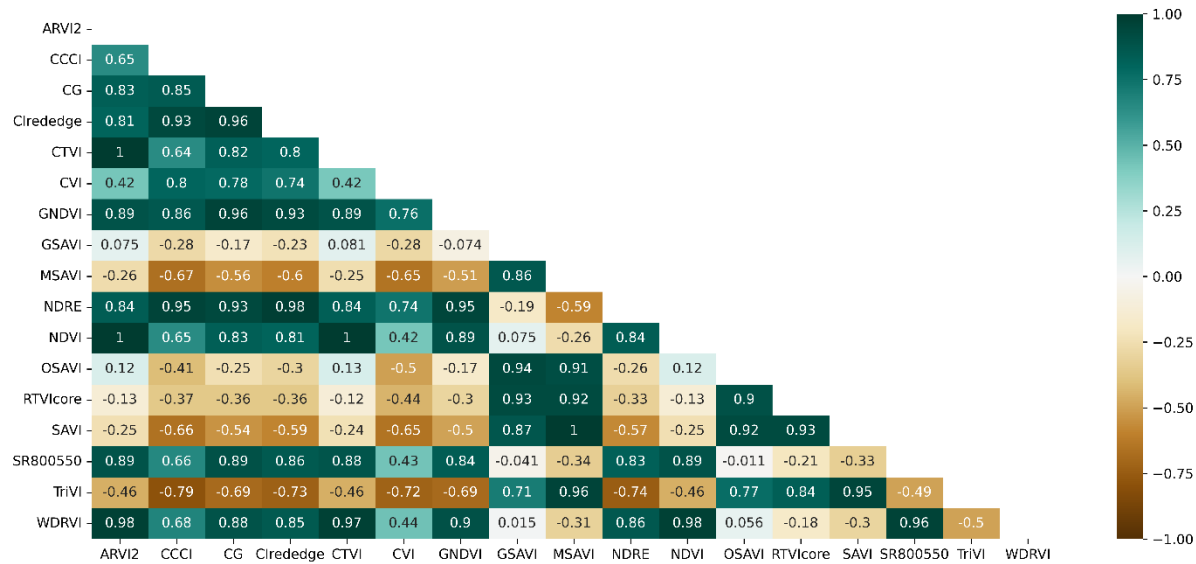


Gavere

16 June 2022

sommer wheat

Correlation



Gavere

10 August 2023

maize