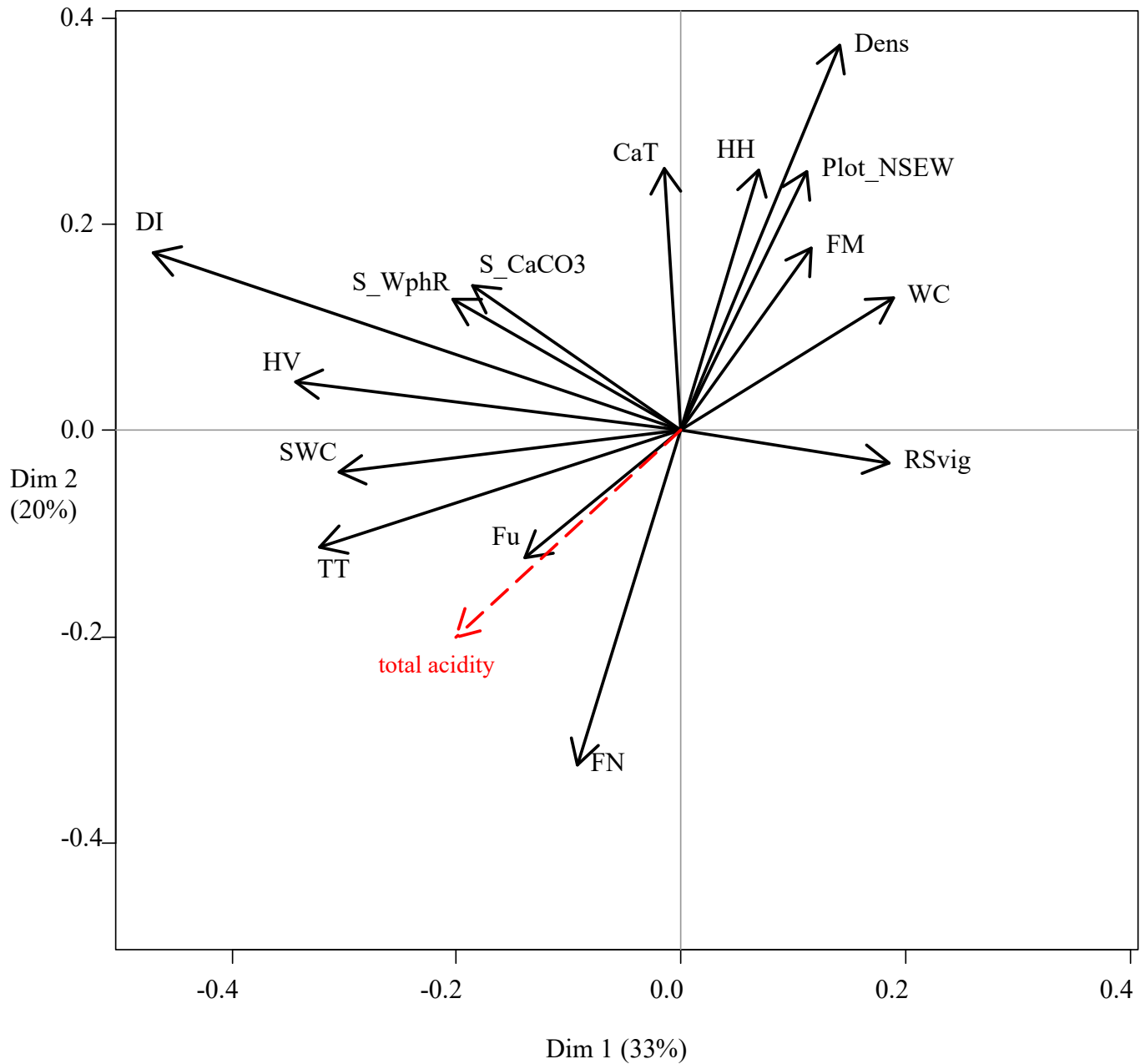
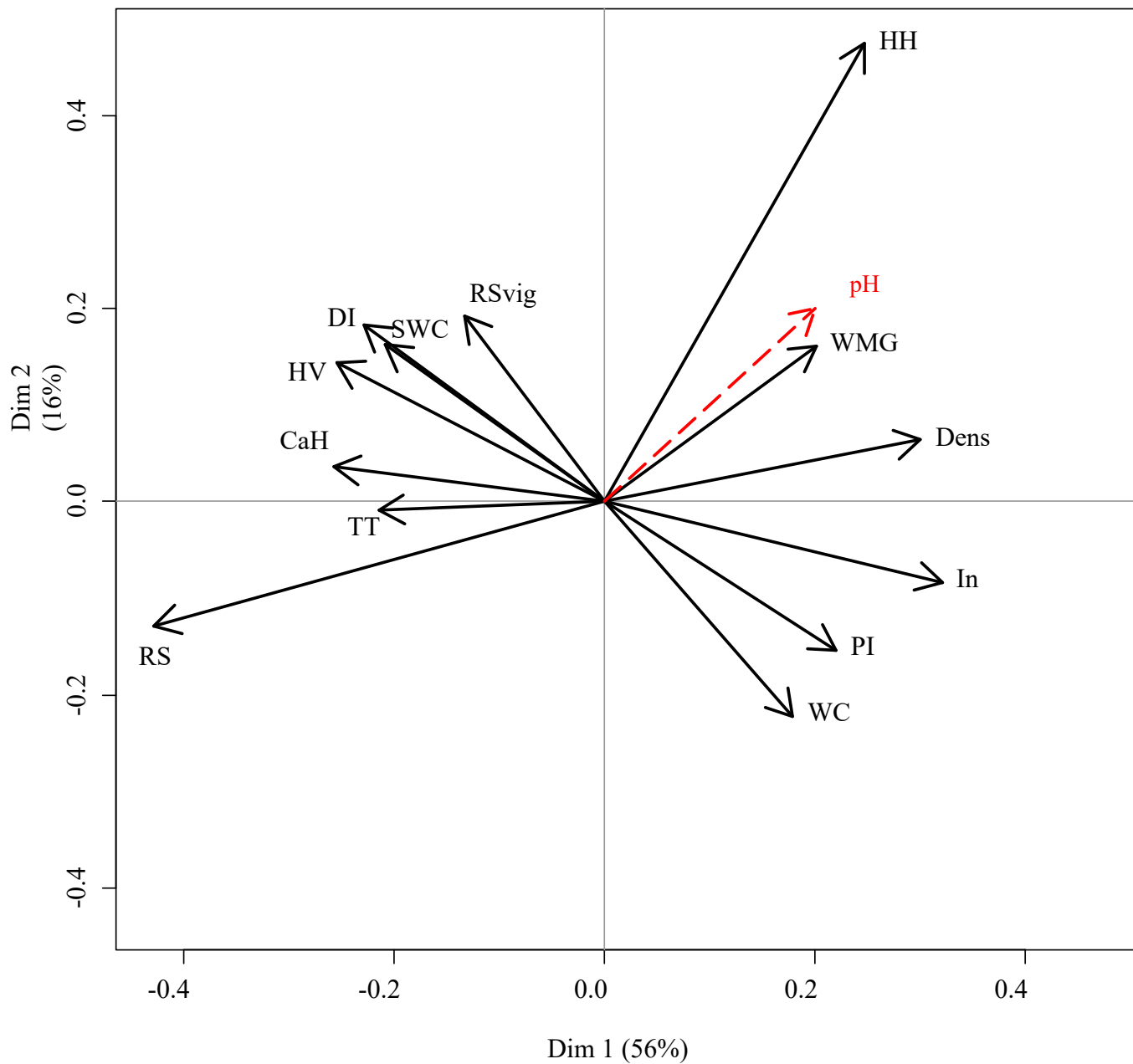


Annex 1 Common loading weights associated with the two first dimensions in the sugar rate model (the dashed arrow corresponds to the quality criterion studied).

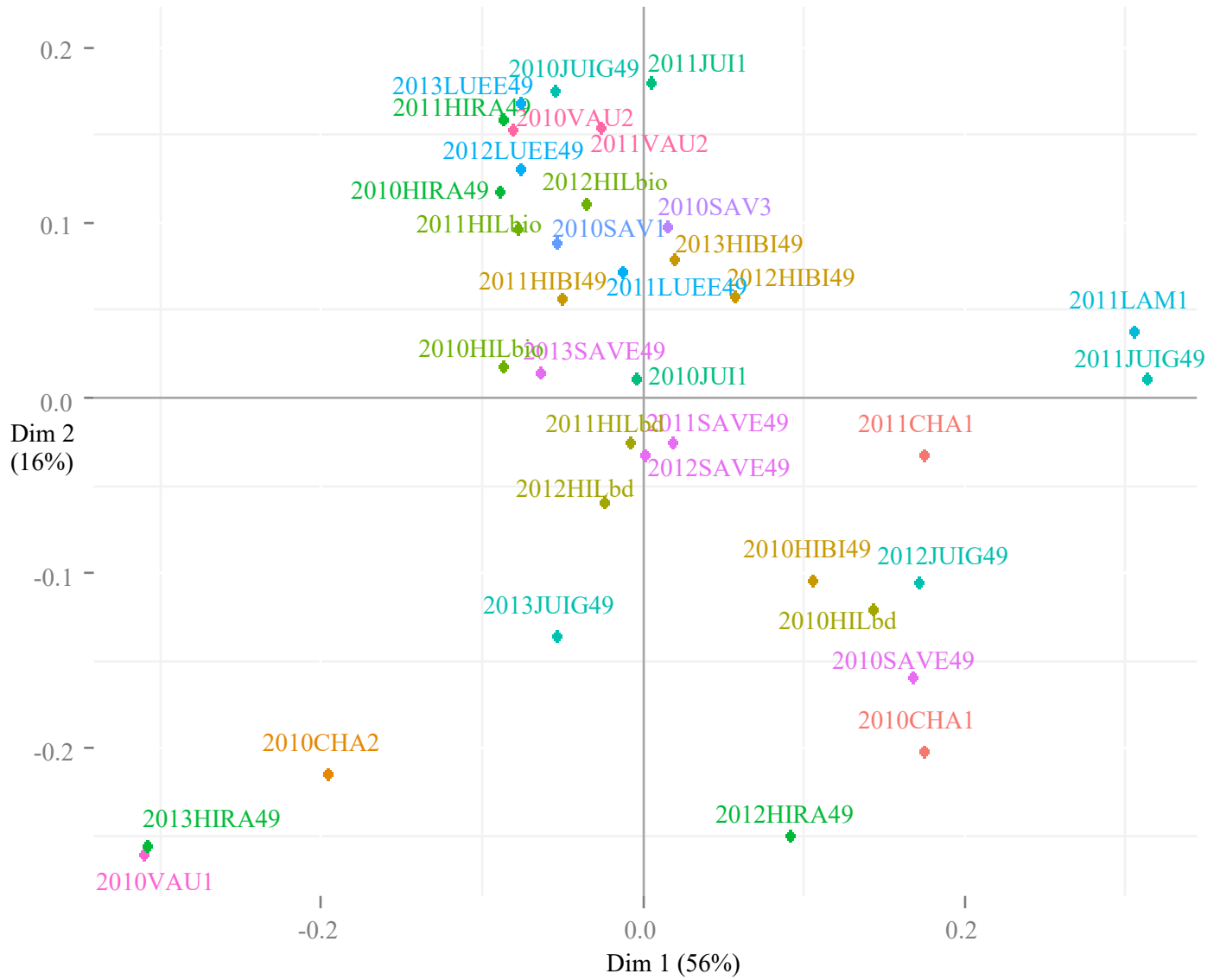


Annex 2 Common loading weights associated with the two first dimensions in the total acidity model (the dashed arrow corresponds to the quality criterion studied).

Grape health.

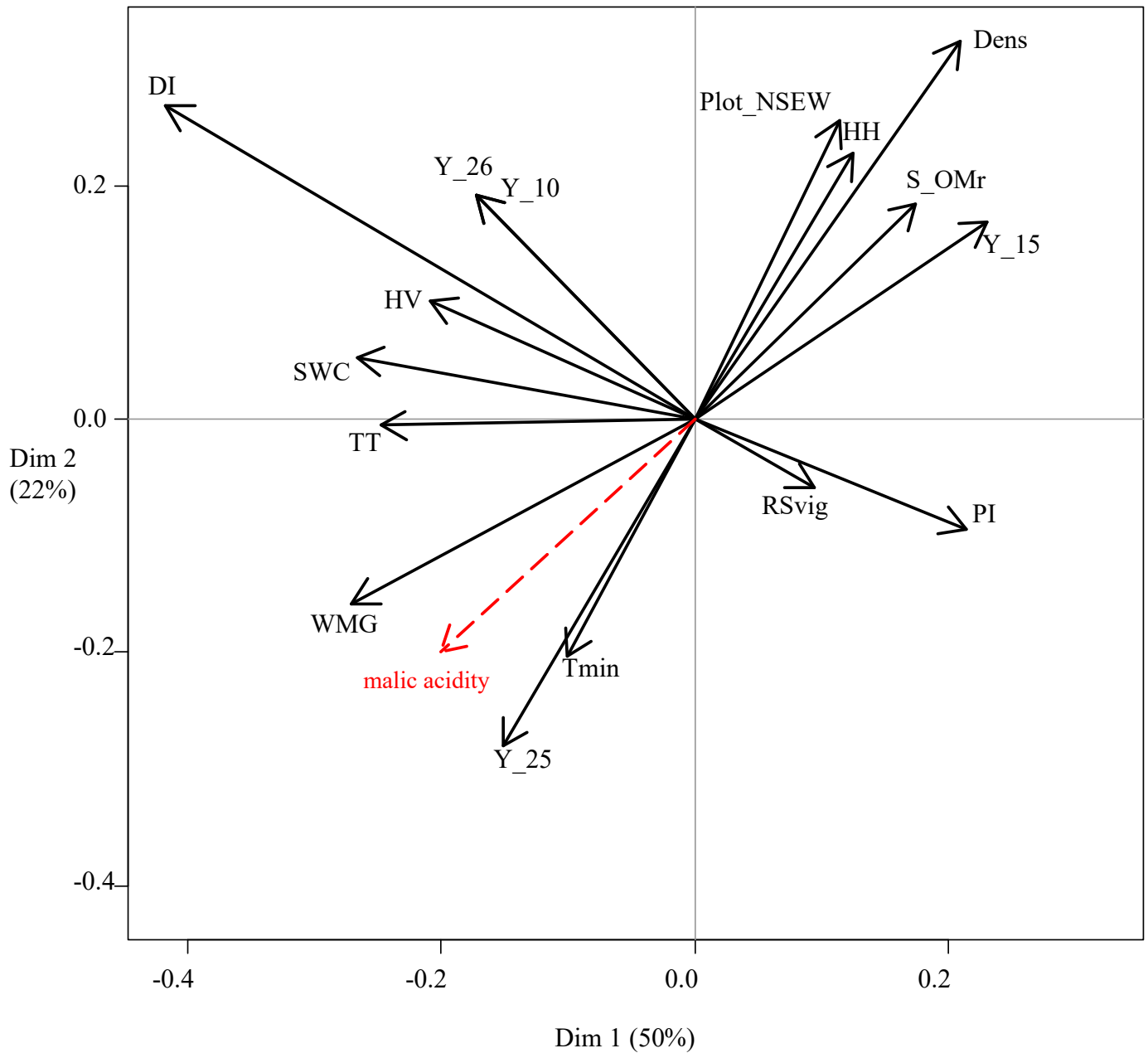


Annex 5 Common loading weights associated with the two first dimensions in the pH model (the dashed arrow corresponds to the quality criterion studied).



Annex 6 Score plot of the individuals for the two first dimensions in the pH model.

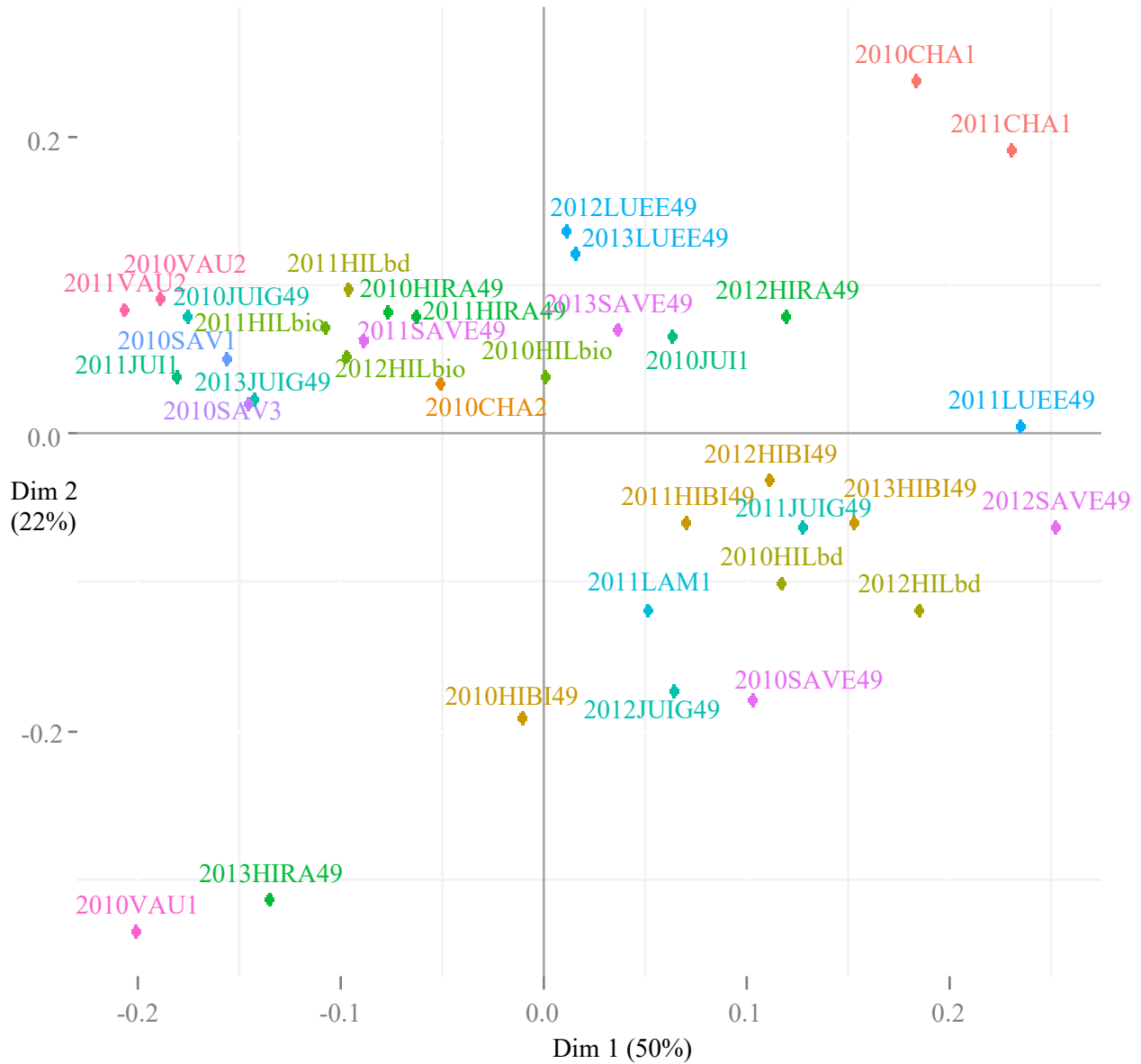
Balance of acids.



Annex 7 Common loadings weights associated with the two first dimensions in the malic acidity model (the dashed arrow corresponds to the quality criterion studied).

SUPPLEMENTARY DATA

Beauchet S., Cariou V., Renaud-Gentie C., Meunier M., Siret R., Thiollet-Scholtus M., & Jourjon F. (2020). Modeling grape quality by multivariate analysis of viticulture practices, soil and climate. *OENO One*, 54(3), 601-622. <https://doi.org/10.20870/oeno-one.1067>



Annex 8 Score plot of the individuals for the two first dimensions in the malic acidity model.