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Variability in grape composition and phenology of 'Tempranillo' in zones located at different elevations and with differences in the climatic conditions

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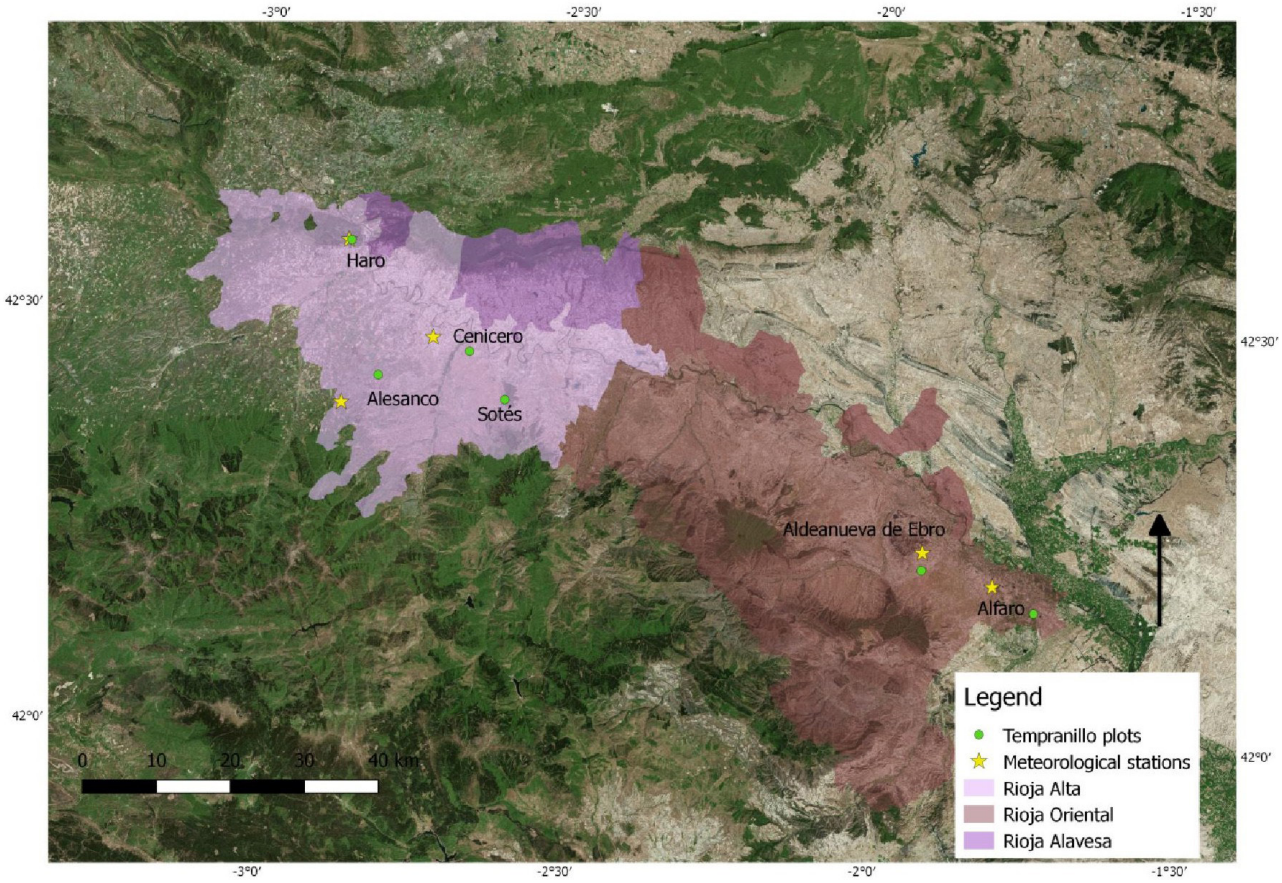

Fig. S1: Location of the plots and meteorological stations used in this research.

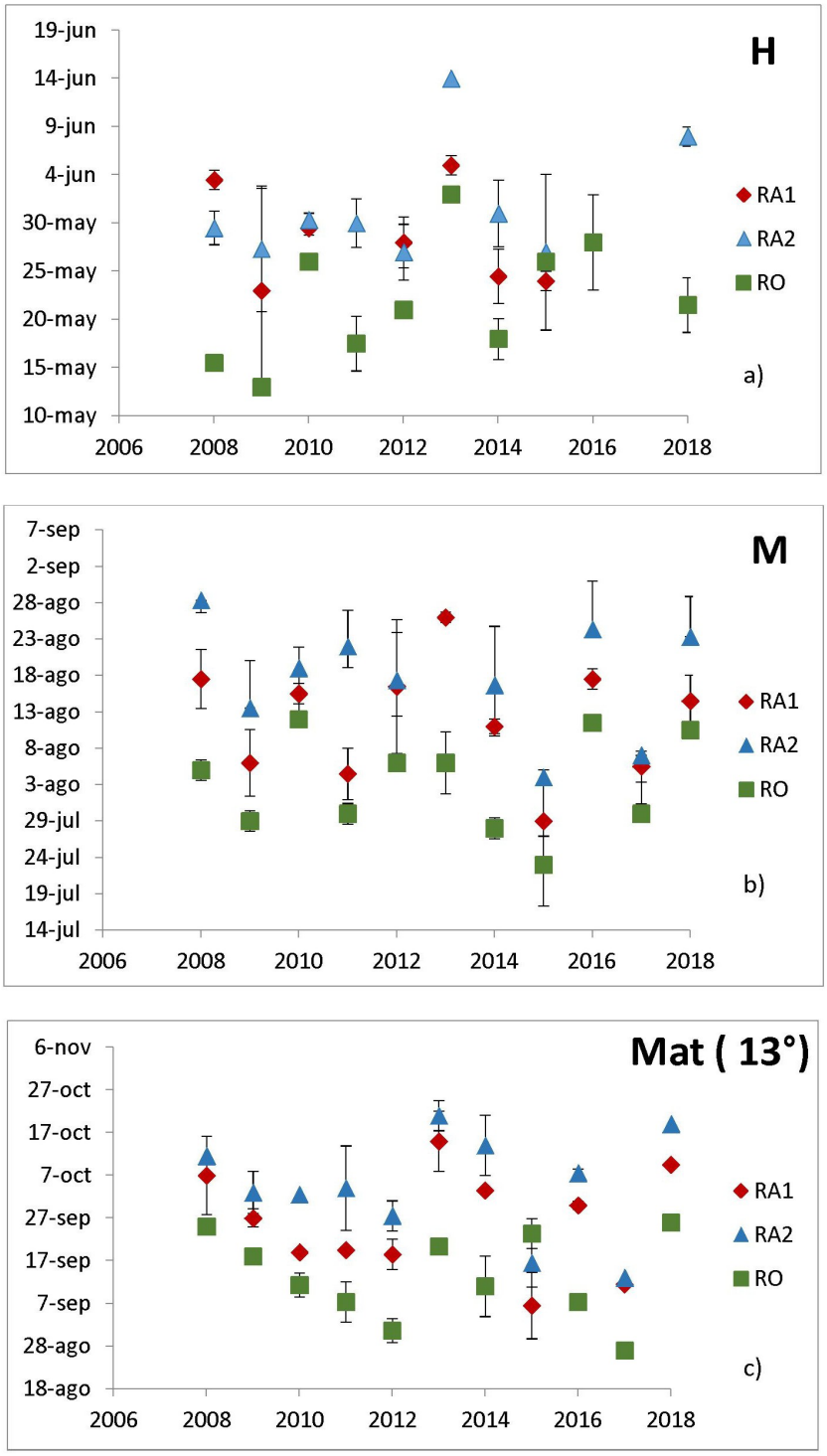

Fig. S2: Variation of phenological dates recorded during the period of analysis in the three analysed areas (Rioja Alta 1 (RA1), Rioja Alta 2 (RA2) and Rioja Oriental (RO)): **a**) stage H (flowers separated), **b**) stage M (veraison) and **c**) maturity (date at which the PVAD = 13° was reached).

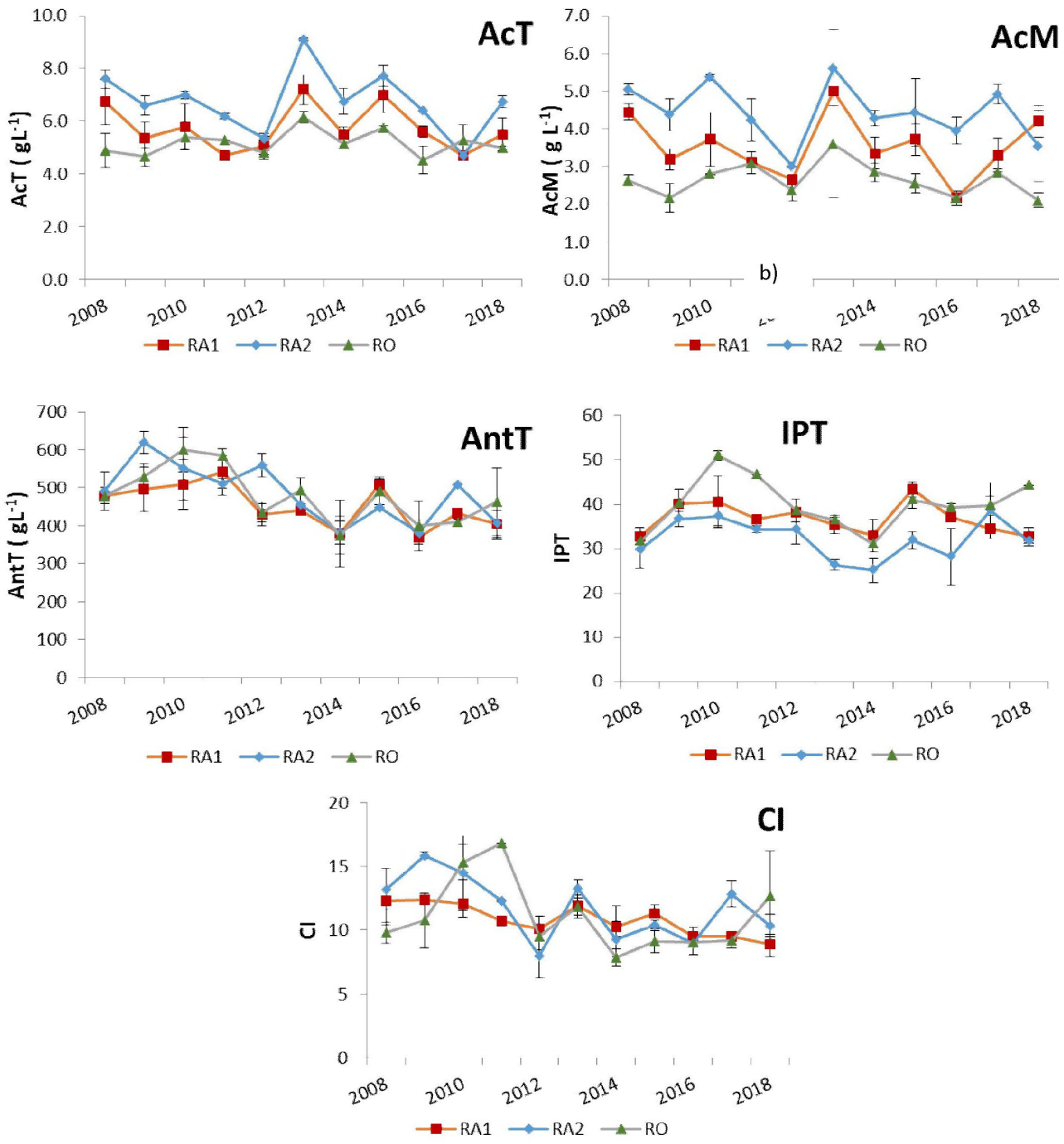

Fig. S3: Average values of **a**) total acidity (AcT), **b**) malic acid concentration (AcM) **c**) total anthocyanins (AntT), **d**) polyphenol index (IPT) and **e**) colour intensity (CI) recorded during the period of analysis in the three zones when PVAD = 13° was reached (average values of two plots in each area).