Quantitative determination of polyphenols and flavonoids in *Cistus × incanus* on the basis of IR, NIR and Raman spectra

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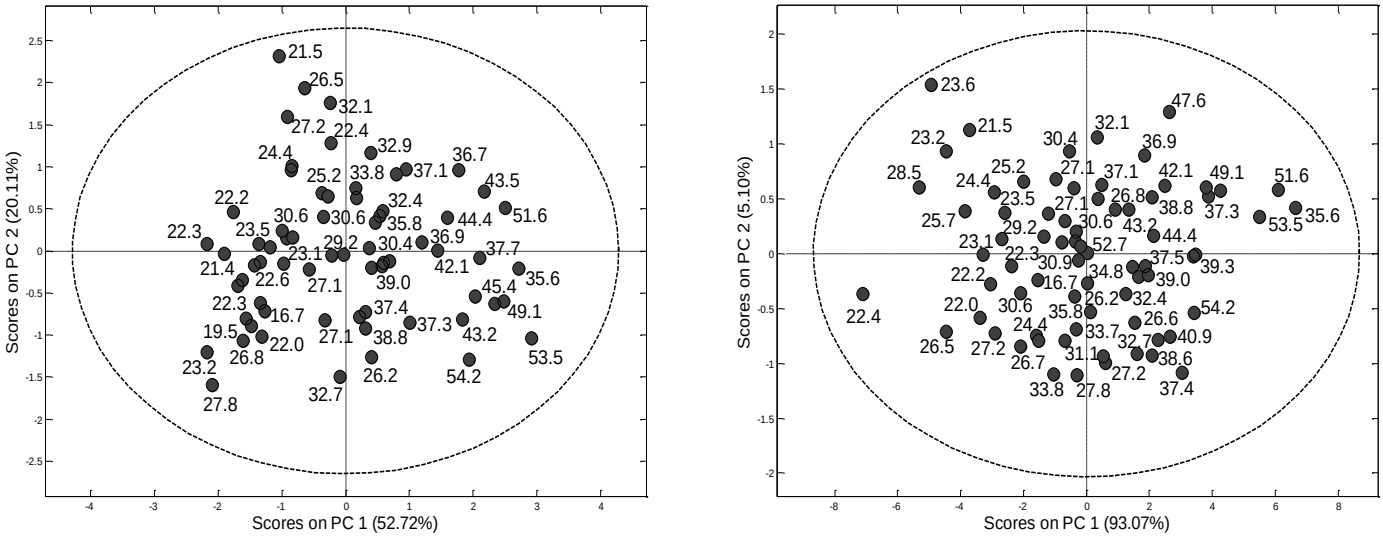

Figure S1. PCA scores plots on the basis of ATR and NIR spectra of *C. incanus*

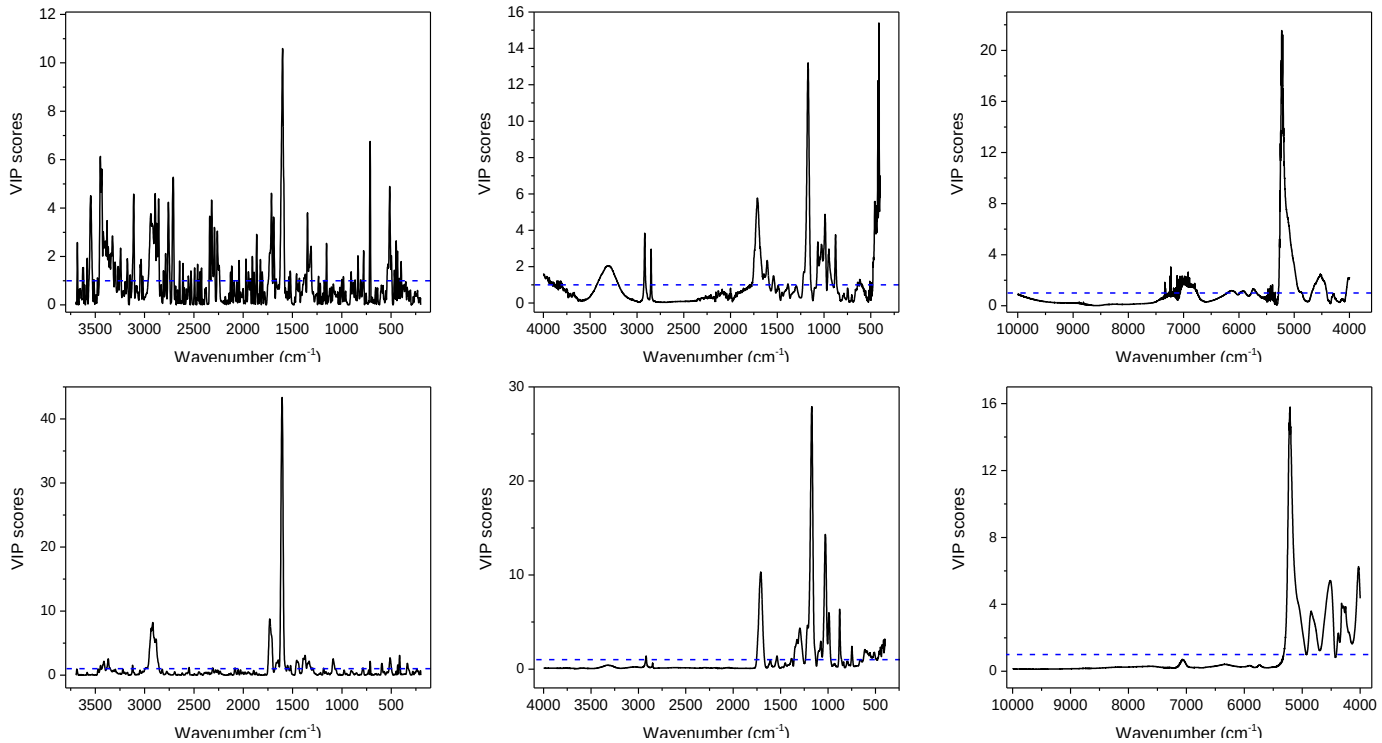

Figure S2. VIP scores for TPC (top) and FRAP antioxidant activity (bottom) obtained on the basis of Raman, MIR and NIR spectra of *C. incanus*

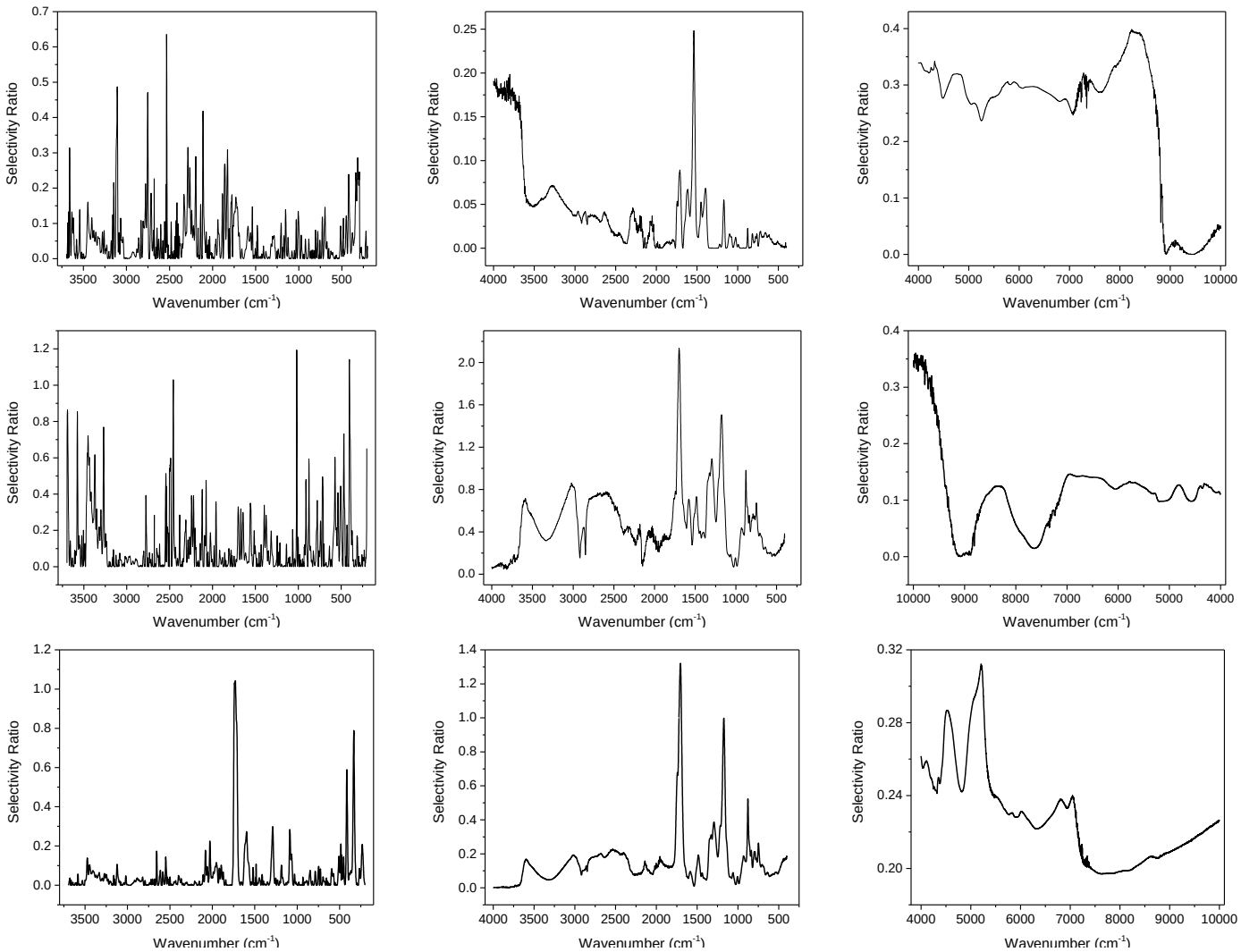

Figure S3. Selectivity ratio plots for TPC (top), TF (middle) and FRAP antioxidant activity (bottom) obtained on the basis of Raman, MIR and NIR spectra of *C. incanus*

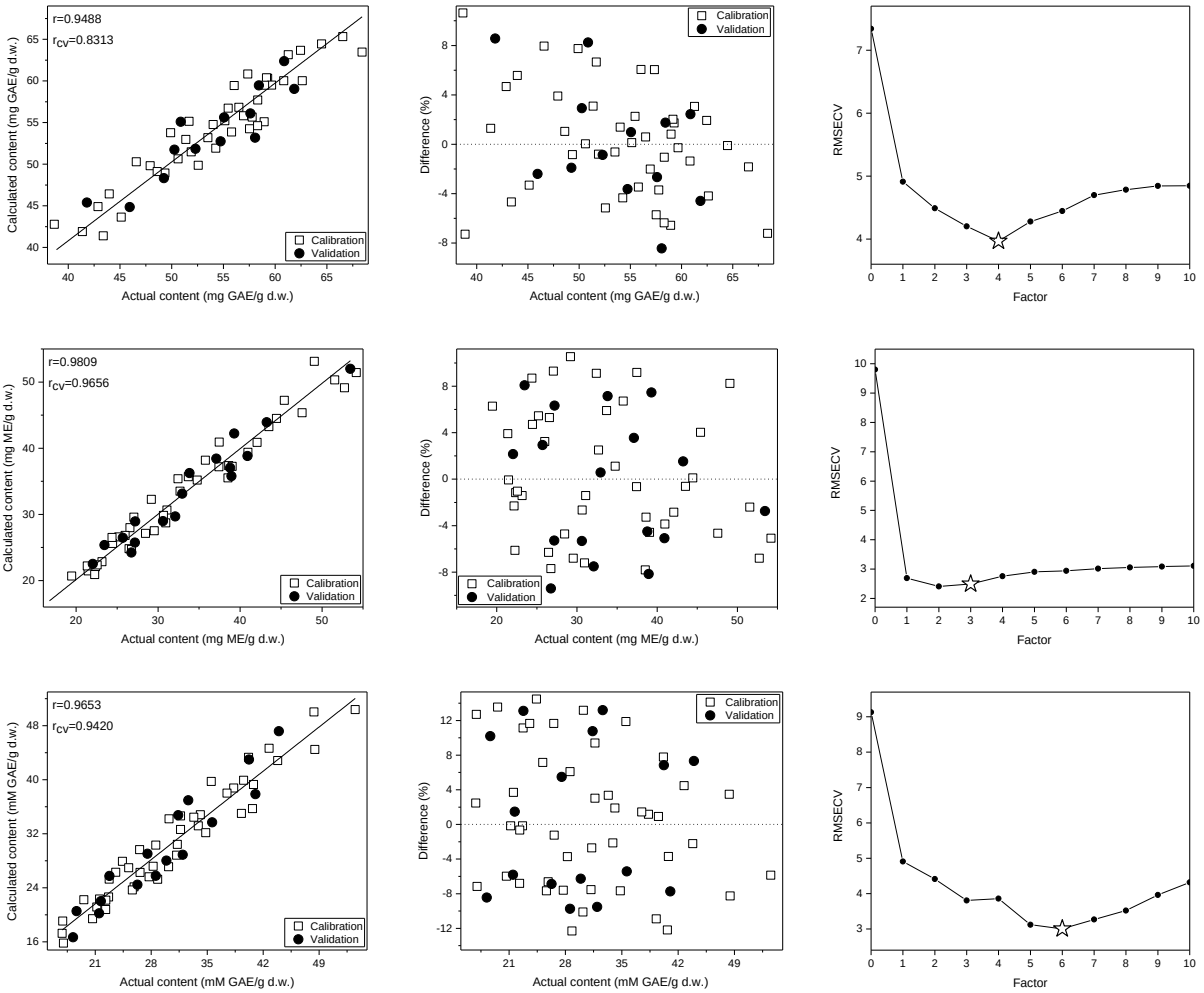

Figure S4. Prediction curves, relative errors and RMSECV plot for the TPC (top), TF content (middle) and FRAP antioxidant activity (bottom) in the *C. incanus* material on the basis of ATR spectra

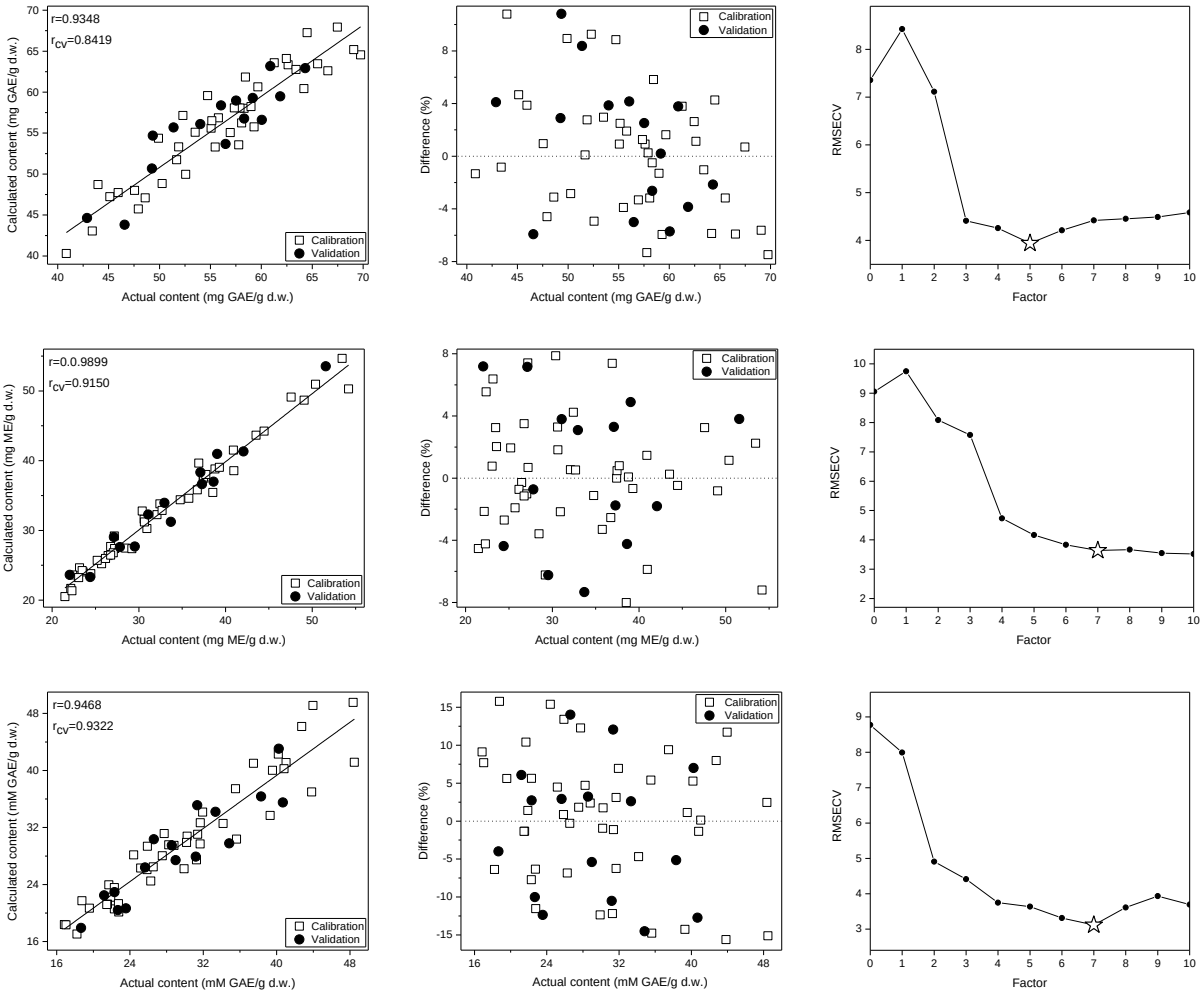

Figure S5. Prediction curves, relative errors and RMSECV plot for the TPC (top), TF content (middle) and FRAP antioxidant activity (bottom) in the *C. incanus* material on the basis of NIR spectra

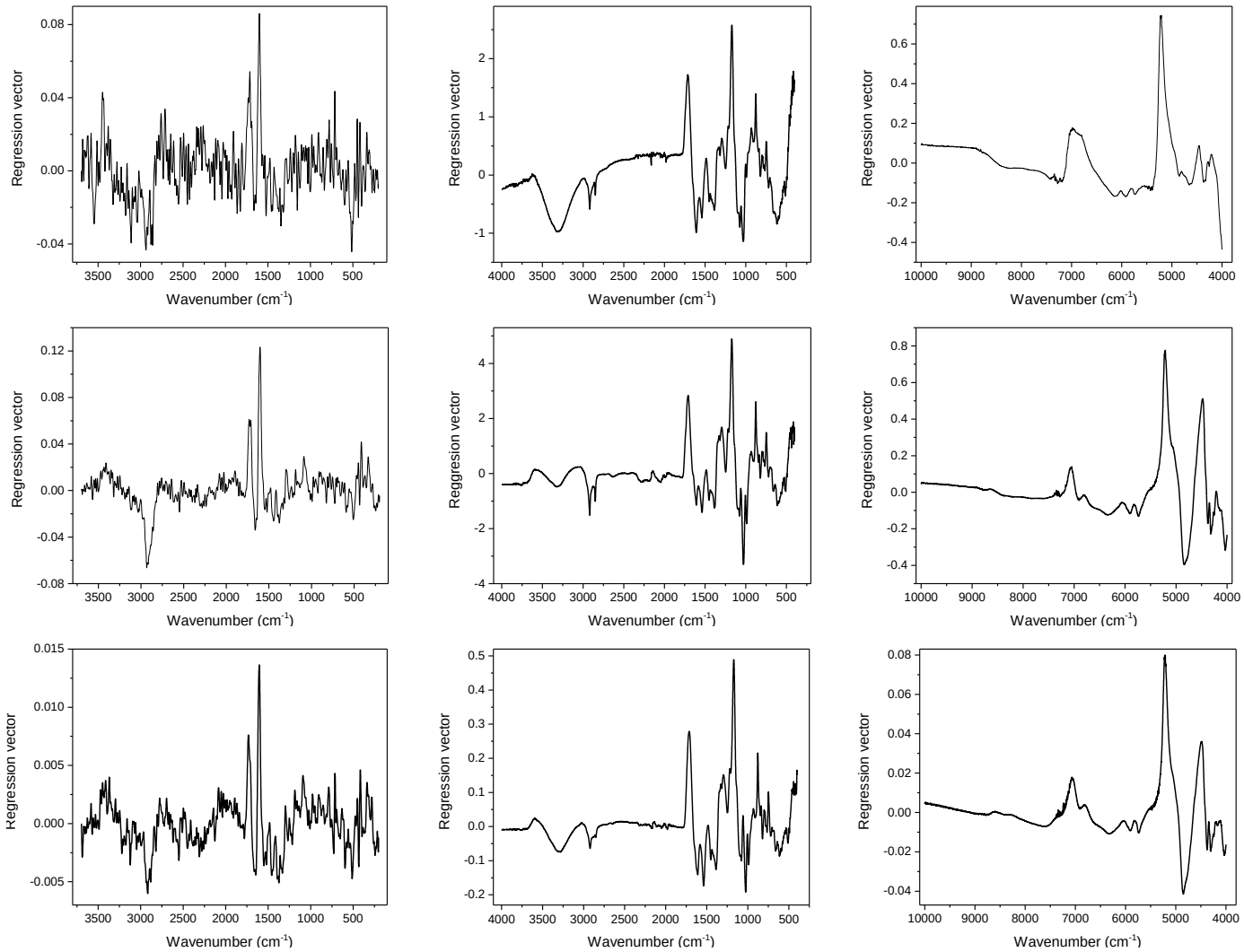

Figure S6. Regression coefficient plots for TPC (top), TF content (middle) and FRAP antioxidant activity (bottom) obtained on the basis of Raman (left panel), MIR (middle panel) and NIR (right panel) spectra of *C. incanus*