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SUPPLEMENTARY MATERIAL

Spatially resolved spectral determination of polysaccharides in hydrothermally carbonized biomass

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Fig. A.1: Hydrothermally carbonized olive mill residues in spectrograph sample holders under the hyperspectral camera.



Fig. A.2: A false color image of the olive mill trimmings hypercube. The RGB image was generated by selecting specific wavelengths as red (1345 nm), green (1749 nm) and blue (2152 nm). The contrast of the image was enhanced.



Fig. A.3: A score image of the first principal component (88%) based on PCA.



Fig. A.4: A score image of the second principal component (10%) based on PCA.



Fig. A.5: A score image of the third principal component (0.6%) based on PCA.



Fig. A.6: A score image of the fourth principal component (0.4%) based on PCA.