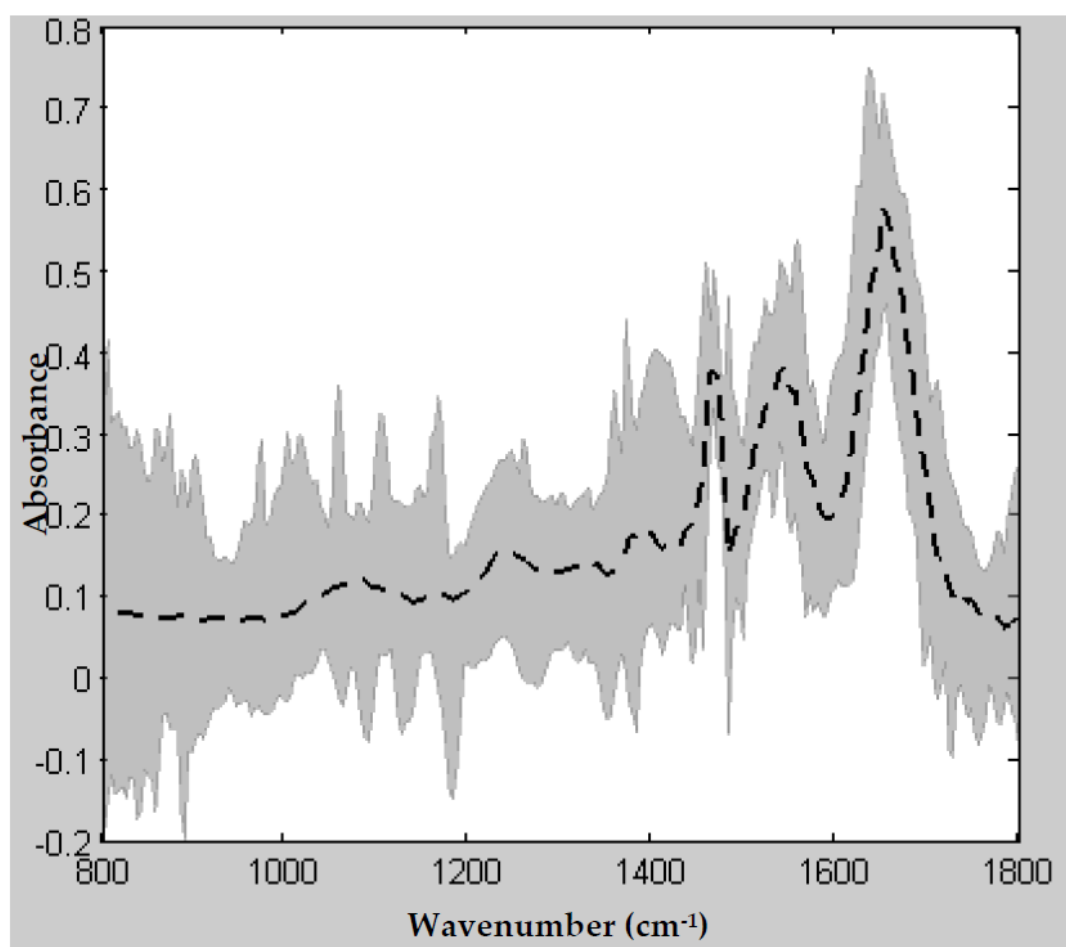


*Supplementary Materials*

# Identification of neoadjuvant chemotherapy response in muscle-invasive bladder cancer by Fourier-Transform infrared micro-imaging

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**Figure S1.** Whole dataset after the pre-processing step that includes reduction on the 800–1800  $\text{cm}^{-1}$  spectral range and EMSC. The spectrum in the dotted line corresponds to the target spectrum (exhibiting vibrations associated with the protein content such as Amide I and Amide II bands but also paraffin signal around 1450  $\text{cm}^{-1}$ ) and the grey area the maximal variations of intensity observed at each wavenumber. EMSC aims at neutralizing the variability of the paraffin signal, eliminating outlier spectra, and normalizing the data according to the target spectrum.



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