



Figure S1. Receiver Operating Characteristic (ROC) curves for the number of selected Partial Least-Squares Discriminant Analysis (PLS-DA) components having as input the processed (Savitzky-Golay filter with the first derivative) X-ray fluorescence reflectance spectra of *Merluccius merluccius*, *Octopus vulgaris*, *Raja clavata*, *Sparus aurata* and *Scomber colias* samples collected along the Portuguese coast.