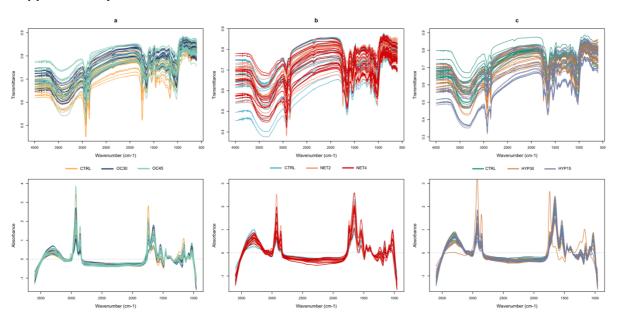
Mid-infrared spectroscopic screening of metabolic alterations in stressexposed Gilthead seabream (*Sparus aurata*)

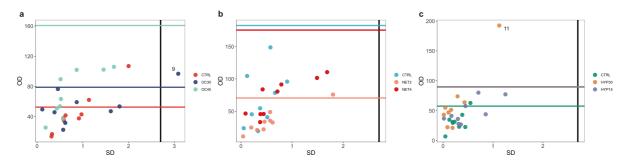
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Supplementary Information



Supplementary Figure S1 - Fourier transform infrared (FTIR) spectra (n = 18 per experimental condition) of Gilthead seabream (*Sparus aurata*) liver submitted to three different stressful rearing conditions ((a) – OC trial, (b) – NET trial, (c) – HYP trial). Raw transmittance spectra are represented in the first row, while processed absorbance spectra, used for multivariate and univariate analyses, are displayed in the second row.



Supplementary Figure S2 – Multivariate outlier detection on the fourier transform infrared (FTIR) spectra of Gilthead seabream (*Sparus aurata*) liver submitted to three different stressful rearing conditions (**(a)** – OC trial, **(b)** – NET trial, **(c)** – HYP trial). A robust principal component analysis was performed through the projection pursuit method using the GRID algorithm. Bad leverage points and orthogonal outliers which proved to be a some kind of measurement error were eliminated from the datasets, here represented by the corresponding sample number.