Supplementary Material

Optimization of electro-Fenton process applied to the treatment of codfish brines in a context of industrial symbiosis

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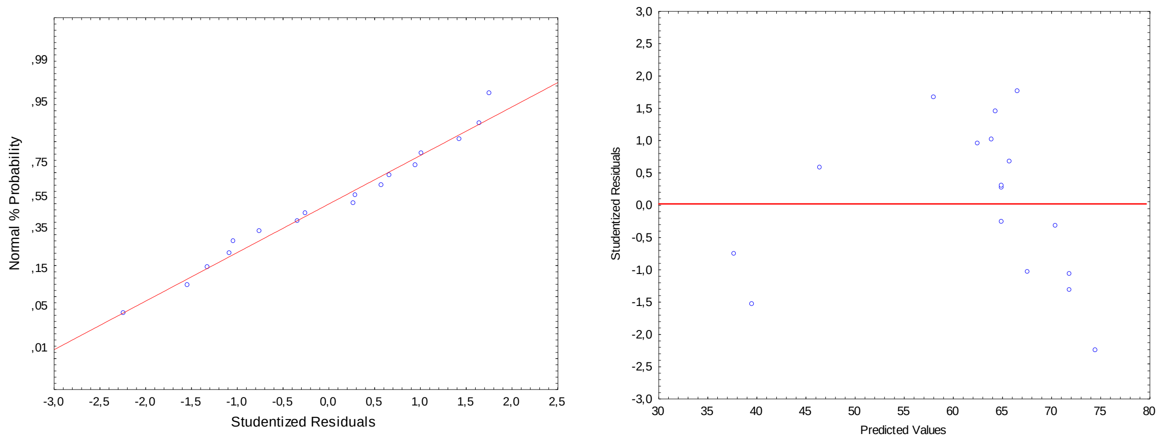
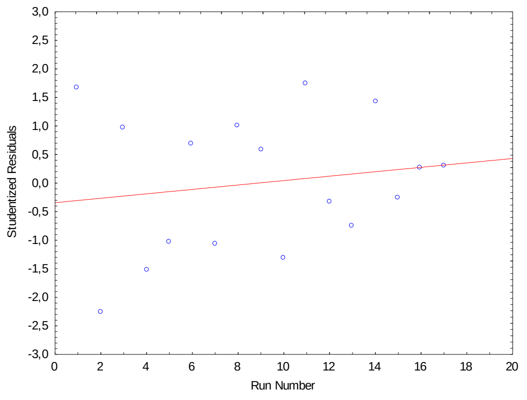
Number of figures: 1

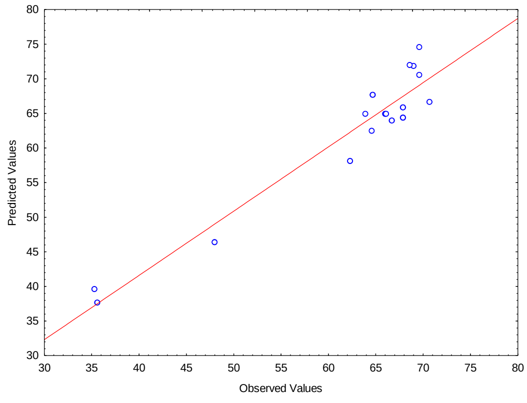
Validation of the assumptions of the regression model



(a) (b)



(c)



(d)

Figure S1. (a) normal (%) probability vs studentized residuals; (b) studentized residuals vs predicted response; (c) outlier t plot; (d) predicted vs observed values.

Figure S1 (a) verifies the normality of the residuals, with data points closely aligning with the straight line, indicating that the residuals follow a normal distribution. Figure S1 (b) confirms the randomness of the residuals, as points are evenly distributed above and below the central horizontal line and randomly scattered around zero, showing no clear pattern. Furthermore, Figure S1 (c) shows no evidence of outliers, with all values falling within ± 3.0 standard deviations from the mean. The random distributions of points around zero further supports the absence of systematic deviations. Finally, Figure. S1 (d) demonstrates that the predicted values closely match the observed ones, with data points ideally aligning along a 45° diagonal line.