**Table S2.** Fitting parameters (R², P-value) for each experiment with linear (additive hypothesis) or polynomial (non-additive hypothesis) models.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Experiments** | | **Models** | | |
|  | | Linear | Polynomial | *Anova between fitted models* |
| A | R² | 0.02 | 0.02 | *0.774* |
|  | *P-value* | *0.359* | *0.634* |  |
| B | R² | 0.01 | 0.05 | *0.234* |
|  | *P-value* | *0.745* | *0.462* |  |
| C | R² | **0.15** | **0.22** | *0.147* |
|  | *P-value* | ***0.029*** | ***0.031*** |  |
| D | R² | **0.09** | 0.06 | *0.642* |
|  | *P-value* | ***0.042*** | *0.117* |  |
| E | R² | **0.14** | **0.17** | *0.324* |
|  | *P-value* | ***0.019*** | ***0.042*** |  |
| F | R² | **0.70** | **0.69** | *0.822* |
|  | *P-value* | ***<0.001*** | ***<0.001*** |  |