SI Table 6: Results of Two-Way ANOVAs on the effect of the factors ‘simulated DVM’ and ‘fish cue’ on the relative unsaturation index (UI) in *Daphnia magna* and their offspring.UI was calculated as the sum of the relative molar concentration of each fatty acid multiplied by its respective number of double bonds. Significant effects are highlighted in bold, N=4.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **unsaturation index** | **Df** | **SS** | **MS** | **F** | **p-value** |   | **mothers** |
| simulated DVM | 1 | 0.028002 | 0.028002 | 17.433 | **0.00129** | \*\* |
| fish cue | 1 | 0.001495 | 0.001495 | 0.931 | 0.35367 |   |
| simulated DVM x fish cue | 1 | 0.000873 | 0.000873 | 0.543 | 0.47521 |   |
| residuals | 12 | 0.019274 | 0.001606 |   |   |   |
| **unsaturation index** | **Df** | **SS** | **MS** | **F** | **p-value** |   | **offspring** |
| simulated DVM | 1 | 0.18069 0 | 0.18069  | 62.616  | **4.2e-06**  | \*\*\* |
| fish cue | 1 | 0.00028 0 | 0.00028 | 0.096 | 0.762 |   |
| simulated DVM x fish cue | 1 | 0.00015 0 | 0.00015 | 0.051 | 0.825 |   |
| residuals | 12 | 0.03463 0 | 0.00289 |   |   |   |