|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Predictors** | **Estimates** | **CI** | ***P*** | **Estimates** | **CI** | ***P*** | **Estimates** | **CI** | ***P*** | **Estimates** | **CI** | ***P*** |
|  | ~ L + A + L\*A + s(sex) | | | ~ L + A + L\*A + s(sex) + cage | | | ~ L + A + L\*A + s(sex) + r(cage) | | | ~ L\_A + s(sex) + r(cage) | | |
| Larval DR diet | 0.87 | 0.79 – 0.97 | **0.009** | 0.87 | 0.75 – 1.00 | 0.055 | 0.88 | 0.76 – 1.02 | 0.084 |  |  |  |
| Adult DR diet | 0.75 | 0.67 – 0.84 | **<0.001** | 0.97 | 0.86 – 1.10 | 0.670 | 0.76 | 0.65 – 0.89 | **<0.001** |  |  |  |
| Larval DR \* Adult DR | 1.18 | 1.02 – 1.36 | **0.030** |  |  |  | 1.14 | 0.92 – 1.41 | 0.237 |  |  |  |
| Cage id C\_C2 |  |  |  | 1.04 | 0.89 – 1.21 | 0.660 |  |  |  |  |  |  |
| Cage id C\_DR1 |  |  |  | 0.88 | 0.71 – 1.08 | 0.227 |  |  |  |  |  |  |
| Cage id C\_DR2 |  |  |  | 0.74 | 0.61 – 0.89 | **0.002** |  |  |  |  |  |  |
| Cage id DR\_C1 |  |  |  | 1.06 | 0.93 – 1.22 | 0.380 |  |  |  |  |  |  |
| Cage id DR\_DR1 |  |  |  | 0.80 | 0.69 – 0.93 | **0.004** |  |  |  |  |  |  |
| Larval\_Adult C\_DR |  |  |  |  |  |  |  |  |  | 0.76 | 0.65 – 0.89 | **<0.001** |
| Larval\_Adult DR\_C |  |  |  |  |  |  |  |  |  | 0.88 | 0.76 – 1.02 | 0.084 |
| Larval\_Adult DR\_DR |  |  |  |  |  |  |  |  |  | 0.76 | 0.65 – 0.88 | **<0.001** |
| Observations | 3132 | | | 3132 | | | 3132 | | | 3132 | | |
| R2 Nagelkerke | 0.011 | | | 0.015 | | | NA | | | NA | | |