Female models (tied): Individual diet effects. Estimate = exponentiated coefficient. Only models passing the PH assumption shown

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | L + s(A) + L \*A + c(C) | | | L + s(A) + L\*A | | |
| *Predictors* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* |
| LDR | 0.87 | 0.84 – 0.91 | **<0.001** | 0.87 | 0.77 – 0.99 | **0.032** |
| LDR\*ADR | 1.24 | 1.01 – 1.51 | **0.035** | 1.24 | 1.03 – 1.49 | **0.025** |
| Observations | 1954 | | | 1954 | | |
| R2 Nagelkerke | 0.003 | | | 0.003 | | |

Male models (1&2 are tied and NPH): Individual diet effects

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | L + s(A) + L\*A + c(C) | | | L + s(A) + L\*A | | | L + s(A) | | |
| *Predictors* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* |
| LDR | 0.90 | 0.75 – 1.07 | **0.006** | 0.90 | 0.75 – 1.07 | 0.236 | 0.92 | 0.82 – 1.04 | 0.193 |
| LDR\*ADR | 1.05 | 0.82 – 1.34 | 0.590 | 1.05 | 0.82 – 1.34 | 0.690 |  |  |  |
| Observations | 1178 | | | 1178 | | | 1178 | | |
| R2 Nagelkerke | 0.002 | | | 0.002 | | | 0.001 | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Model | Predictors | Estimate | CI | P | K | ΔAICc | AICcWt |
| Females |  |  |  |  |  |  |  |
| L + s(A) + L \*A + c(C) | LDR | 0.87 | 0.84 – 0.91 | **3.7e-11** | 3 | 0 | 0.38 |
|  | LDR\*ADR | 1.24 | 1.01 – 1.51 | **0.035** |  |  |  |
| L + s(A) + L\*A | LDR | 0.87 | 0.77 – 0.99 | **0.032** | 3 | 0 | 0.38 |
|  | LDR\*ADR | 1.24 | 1.03 – 1.49 | **0.025** |  |  |  |
| L + s(A) | LDR | 0.96 | 0.88 – 1.06 | 0.414 | 1 | 1 | 1.00 |
|  |  |  |  |  |  |  |  |
| Males |  |  |  |  |  |  |  |
|  | LDR | 0.90 | 0.75 – 1.07 | **0.006** |  |  |  |
|  | ADR | 0.73 | 0.63 – 0.85 | 3.6e-5 |  |  |  |
|  | LDR\*ADR | 1.05 | 0.82 – 1.34 | 0.590 |  |  |  |
| L + s(A) + L\*A + c(C) | LDR | 0.90 | 0.83 – 0.97 | 0.006 |  |  |  |
|  | LDR\*ADR | 1.05 | 0.88 – 1.26 | 0.590 |  |  |  |
| L + s(A) + L\*A | LDR | 0.92 | 0.82 – 1.04 | 0.193 |  |  |  |
| L + s(A) |  |  |  |  |  |  |  |

