Models on all data

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | L + A + L\*A + s(S) + c(C) | | | L + A + L\_A\*s(S) + c(C) | | | L + A + L\_A + s(S) + c(C) | | | L + A + L\_A + s(S) | | | L + A + L\_A | | |
| *Predictors* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* | *Estimates* | *CI* | *p* |
| LDR | 0.87 | 0.79 – 0.97 | **<0.001** | 0.88 | 0.76 – 1.02 | 0.084 | 0.87 | 0.79 – 0.97 | **<0.001** | 0.87 | 0.79 – 0.97 | **0.009** | 0.90 | 0.81 – 0.99 | **0.035** |
| ADR | 0.75 | 0.67 – 0.84 | **<0.001** | 0.76 | 0.65 – 0.89 | **<0.001** | 0.88 | 0.80 – 0.97 | 0.097 | 0.88 | 0.80 – 0.97 | **0.011** | 0.85 | 0.77 – 0.94 | **0.001** |
| LDR\*ADR | 1.18 | 1.02 – 1.36 | 0.099 | 1.14 | 0.92 – 1.41 | 0.237 |  |  |  |  |  |  |  |  |  |
| LC\_ ADR |  |  |  |  |  |  | 0.85 | 0.73 – 0.98 | 0.099 | 0.85 | 0.73 – 0.98 | **0.030** | 0.85 | 0.74 – 0.99 | **0.031** |
| N |  | | | 8 cageID | | |  | | |  | | |  | | |
| Observations | 3132 | | | 3132 | | | 3132 | | | 3132 | | | 3132 | | |
| R2 Nagelkerke | 0.011 | | | NA | | | 0.011 | | | 0.011 | | | 0.014 | | |