**S10** Output table of the multiple logistic regression model, with age (subadult *vs* adult), distance (10, 30 or 50 m) and direction (upstream or downstream) as predictors and homing success as the dependent variable.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Predictor** | **Estimate (B)** | **Standard error** | **Wald** | ***p*** |
| Age | 0.849 | 0.514 | 2.732 | 0.098 |
| Distance | -0.530 | 0.273 | 3.782 | 0.052 |
| Direction | 0.042 | 0.469 | 0.008 | 0.928 |

Model statistics: R2 = 0.094 (Cox and Snell), 0.126 (Nagelkerke); Model x2(1) = 8.071, p < 0.045.