**Presentation of spline functions (whatever animal type and criterion)**

Since the protocols was first published is has come to our attention that the spline functions in the protocols are not presented in a completely correct way and we therefore encourage the users of these protocols to use the correct numbers for the spline functions as presented in the excel file “Spline functions.xlsx”.

A spline function is used to compute the index into a score, with the general formula:

Score = a + b x I + c x I2 + d x I3

with a, b, c, d differing when I is lower or equal to a specific value (called knot) vs. equal or higher that

this value.

The values for a, b, c, d and the knot are:

|  |  |
| --- | --- |
| knot  | 80 |
| a when I < knot  | 0 |
| a when I > knot  | -2961.3146422677 |
| b when I < knot  | 0.2216596254 |
| b when I > knot  | 111.2709595652 |
| c when I < knot  | -0.0027707453 |
| c when I > knot  | -1.3908870043 |
| d when I < knot  | 0.0000592709 |
| d when I > knot  | 0.0058430887 |

In blue: values that change between animal types and criteria