**Appendix III.** Parameters of the total length (*L*T), mm and weight equation of *Squalus acanthias* from the present and other studies

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Area** | **Author** | **Sex** | **a****(±SD)** | ***b*****(±SD)** | **95% confidence intervals of *b*** | **R2** | **N** | **Size range****(mm)** |
| E. Ionian | Present work | Total | 0.009611(±9.83) | 1.894(±1.46) | 1.471 - 2.317 | 0.667 | 11 | 600-930 |
| North Aegean Sea, Eastern Mediterranean | Filiz and Mater (2002) | Total | 0.0031  | 3.106\* |  |  | 32 | 270-705 |
| Females | 0.0112  | 2.775\* |  |  | 16 | 270-705 |
| Males | 0.0023  | 3.182\* |  |  | 16 | 380-565 |
| North Aegean Sea, Eastern Mediterranean | Ismen *et al.* (2009) | Total | 0.0037  | 3.048\* | 3.0014–3.0940 | 0.967 | 565 | 171-1150 |
| Females | 0.0027  | 3.1280\* | 3.0723–3.1836 | 0.975 | 312 | 171-1150 |
| Males | 0.0072  | 2.8678\* | 2.7916–2.9441 | 0.956 | 253 | 208-875 |
| Eastern Adriatic Sea | Pallaoro *et al.* (2005) | Total | 0.0020  | 3.150\* |  | 0.987 | 421 | 191-1173 |
| North Aegean Sea, Eastern Mediterranean | Yigin & Ismen (2013) | Females | 0.003  | 3.11\* |  | 0.98 | 346 | 208-1216 |
| Males | 0.0075  | 2.86\* |  | 0.98 | 274 | 171-1150 |
|  |  |  |  |  |  |  |
| South-eastern Black Sea | Avsar (2001) | Total | 0.0040  | 2.95\* | 2.92-2.98 | 0.988 | 328 |  |
| Females | 0.0035  | 2.99\* | 2.90-3.08 | 0.993 | 160 |  |
| Males | 0.0045  | 2.92\* | 2.87-2.97 | 0.987 | 168 |  |
| Central Aegean Sea & Crete  | Chatzispyrou & Megalofonou (2005) | Females | 0.0000009 | 3.25 |  | 0.967 | 119 | 320-755 |
| Males | 0.000007 | 2.91 |  | 0.980 | 61 | 350-820 |
| Adriatic Sea | Gračan *et al*. (2012) | Females | 0.0000007  | 3.406 |  | 0.955 | 122 | 195-1120 |
| Males | 0.0000006 | 3.279 |  | 0.918 | 87 | 209-816  |
| Northern Mediterranean  | Capapé & Reynaud (2011) | Females | 0.001414 | 3.43 |  | 0.99 | 17 | 250-550 |
| Males | 0.002606 | 3.19 |  | 0.99 | 59 | 250-530 |
| Kuril Islands, (Pacific Ocean) | Orlov *et al*. (2011) | Total | 0.0000067  | 2.81 |  |  |  | 670-1230 |
| Females | 0.0000069 | 2.81 |  | 0.66 |  |  |
| Males | 0.0000039 | 2.92 |  | 0.77 |  |  |
| Atlantic coast of Canada | Campana *et al*. (2009) | Total | 0.000003 | 3.1554 |  | 0.89 | 6404 | 210-1000 |
| New Zealand | Dunn *et al*. (2013) | Total | 0.0032\*  | 3.08 |  | 0.98 | 295 | 552-1057 |

\*Estimation of parameters with size in cm