|  |  |  |  |
| --- | --- | --- | --- |
|  | **This study** | **Literature** | **Total**  |
|  | Ray-finned fishes | Other vertebrates | All vertebrates | Ray-finned fishes | Other vertebrates | All vertebrates | Ray-finned fishes | Other vertebrates | All vertebrates |
| Root effect magnitude | 40 | 3 | 43 | 29 | 7 | 36 | 69 | 10 | 79 |
| Maximal retinal thickness | 34 | 5 | 39 | 0 | 14 | 14 | 34 | 19 | 53 |
| Retinal layer thicknesses | 31 | 6 | 37 | 0 | 0 | 0 | 31 | 6 | 37 |
| Choroid *rete mirabile* surface area | 19 | 0 | 19 | 0 | 0 | 0 | 19 | 0 | 19 |
| Magnitude of pre-retinal capillarization | 18 | 1 | 19 | 0 | 0 | 0 | 18 | 1 | 19 |
| Presence of choroid *rete mirabile* | 44 | 8 | 52 | 256 | 87 | 343 | 300 | 95 | 395 |
| Presence of intra-retinal capillarization | 34 | 8 | 42 | 2 | 49 | 51 | 36 | 57 | 93 |
| Presence of pre-retinal capillarization | 32 | 8 | 40 | 0 | 3 | 3 | 32 | 11 | 43 |
| Eye mass | 75 | 4 | 79 | 0 | 0 | 0 | 75 | 4 | 79 |
| **Total** | **79** | **8** | **87** | **260** | **89** | **349** | **309** | **95** | **404** |