| **Order** | **Log-odds** | **95% CI** |
| --- | --- | --- |
| Carcharhiniformes | -3.1 | [-4.7, -1.3] |
| Echinorhiniformes | -2.8 | [-4.4, -0.9] |
| Heterodontiformes | -2.7 | [-4.6, -0.8] |
| Hexanchiformes | -2.8 | [-4.7, -0.9] |
| Lamniformes | -2.8 | [-4.8, -1.2] |
| Myliobatiformes | -2.7 | [-4.2, -0.9] |
| Orectolobiformes | -2.8 | [-4.4, -0.8] |
| Pristiophoriformes | -2.8 | [-4.2, -1.1] |
| Rajiformes | -1.5 | [-3.8, -0.7] |
| Rhinopristiformes | -2.8 | [-4.3, -0.8] |
| Squaliformes | -3.0 | [-4.6, -1.1] |
| Squatiniformes | -2.8 | [-4.4, -1] |
| Synechodontiformes | -1.4 | [-4.3, -0.8] |
| Torpediniformes | -3.1 | [-4.5, -0.7] |
| incertae sedis | -1.5 | [-4, -0.8] |

| **Family** | **Log-odds** | **95% CI** |
| --- | --- | --- |
| Alopiidae | -3.3 | [-5, -1.4] |
| Anacoracidae | -1.3 | [-2.3, -0.6] |
| Anacorcidae | -1.4 | [-3, -0.5] |
| Archaeolamnidae | -1.5 | [-4.1, 0.2] |
| Arhynchobatidae | -3.0 | [-4.6, -1.1] |
| Brachaeluridae | -3.2 | [-5.1, -0.8] |
| Carcharhinidae | -3.3 | [-5.2, -1.7] |
| Carchariidae | -1.5 | [-3.6, -0.6] |
| Cardabiodontidae | -1.4 | [-4.4, 1.2] |
| Centrophoridae | -3.3 | [-5.4, -1.3] |
| Cetorhinidae | -2.8 | [-3.7, -0.9] |
| Chlamydoselachidae | -2.5 | [-4.8, -0.4] |
| Crassodontidanidae | -1.3 | [-3.3, 0.1] |
| Cretoxyrhinidae | -1.5 | [-4.4, -0.6] |
| Cyclobatidae | -1.2 | [-1.8, -0.5] |
| Dalatiidae | -2.9 | [-4.6, -0.9] |
| Dasyatidae | -2.3 | [-4, -0.6] |
| Echinorhinidae | -2.6 | [-4.4, -0.8] |
| Eoptolamnidae | -1.5 | [-3.3, -0.7] |
| Etmopteridae | -2.7 | [-4.7, -0.9] |
| Ginglymostomatidae | -2.9 | [-4.8, -0.9] |
| Gymnuridae | -2.9 | [-4.9, -0.9] |
| Haimirichiidae | -1.5 | [-4, -0.5] |
| Hemigaleidae | -3.0 | [-4.7, -1.1] |
| Hemiscylliidae | -2.4 | [-4.7, -0.6] |
| Heterodontidae | -2.6 | [-4.9, -0.9] |
| Hexanchidae | -3.1 | [-5.4, -1.2] |
| Hexatrygonidae | -3.0 | [-4.8, -0.8] |
| Hypsobatidae | -1.3 | [-3.9, -0.5] |
| Lamnidae | -3.3 | [-5.3, -1.4] |
| Leptochariidae | -1.4 | [-4, -0.2] |
| Megachasmidae | -2.9 | [-4.7, -1.1] |
| Mitsukurinidae | -2.1 | [-4.4, -1.1] |
| Mobulidae | -2.9 | [-4.9, -1.1] |
| Myliobatidae | -2.8 | [-4.6, -1] |
| Narcinidae | -3.9 | [-5.4, -1.9] |
| Odontaspididae | -2.7 | [-5, -1.2] |
| Orectolobidae | -2.6 | [-4.8, -0.7] |
| Orthacodontidae | -1.6 | [-4.7, -0.6] |
| Otodontidae | -2.8 | [-4.9, -1] |
| Oxynotidae | -2.4 | [-6.2, -0.9] |
| Palaeospinacidae | -1.5 | [-4.6, -0.6] |
| Paraorthacodontidae | -1.6 | [-4.7, -0.3] |
| Parapalaeobatidae | -1.2 | [-2.5, 0] |
| Parascylliidae | -2.2 | [-5.2, 0.4] |
| Pentanchidae | -2.6 | [-4.9, -0.9] |
| Platyrhinidae | -3.5 | [-5.2, -0.8] |
| Potamotrygonidae | -3.0 | [-4.9, -1.1] |
| Pristidae | -3.2 | [-5, -1.2] |
| Pristiophoridae | -2.8 | [-4.6, -1] |
| Protospinacidae | -1.3 | [-2, -0.7] |
| Pseudocarchariidae | -3.0 | [-4.9, -1.1] |
| Ptychodontidae | -1.4 | [-3.1, -0.7] |
| Ptychotrygonidae | -1.3 | [-6.2, 0.7] |
| Rajidae | -2.7 | [-4.5, -0.8] |
| Rhincodontidae | -3.0 | [-5.6, -1] |
| Rhinidae | -2.5 | [-6, -0.9] |
| Rhinobatidae | -1.3 | [-4.3, -0.4] |
| Rhinopteridae | -3.4 | [-5.8, -1.3] |
| Rhombodontidae | -1.2 | [-3, -0.4] |
| Rhynchobatidae | -3.1 | [-5.3, -1.1] |
| Sclerorhynchidae | -1.2 | [-4, 0] |
| Scyliorhinidae | -2.7 | [-4.6, -0.9] |
| Serratolamnidae | -1.3 | [-3.2, 0.6] |
| Somniosidae | -3.0 | [-4.9, -1.2] |
| Spathobatidae | -1.4 | [-3.3, -0.7] |
| Sphyrnidae | -3.4 | [-6, -1.5] |
| Squalidae | -2.9 | [-5.2, -0.8] |
| Squatinidae | -2.9 | [-4.9, -1.2] |
| Stegostomatidae | -3.0 | [-4.4, -0.9] |
| Torpedinidae | -3.0 | [-4.8, -0.6] |
| Triakidae | -2.7 | [-4.4, -0.7] |
| Truyolsodontidae | -1.4 | [-3.7, -0.3] |
| Trygonorrhinidae | -1.4 | [-2.3, -0.6] |
| Urolophidae | -3.0 | [-5, -1.2] |
| Urotrygonidae | -2.2 | [-3.2, -1.3] |
| Zanobatidae | -3.9 | [-5.3, -2.4] |
| incert.fam. | -1.2 | [-4.3, -0.5] |
| incet.sedis | -1.2 | [-2.1, -0.5] |

| **Family** | **Log-odds** | **95% CI** | **Scale** |
| --- | --- | --- | --- |
| Otodontidae | -20 | [-90, 220] | Genera - Stages |
| Lamnidae | 20 | [-60, 340] |
| Alopiidae | 20 | [-70, 380] |
| Otodontidae | 10 | [-40, 140] | Species - Stages |
| Lamnidae | 30 | [-20, 170] |
| Alopiidae | 20 | [-30, 170] |
| Otodontidae | 0 | [-40, 90] | Species - Cenozoic subset |
| Lamnidae | 10 | [-40, 100] |
| Alopiidae | 10 | [-40, 90] |