|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Prey type** | **DAPC** | | **GLM for prey type presence (22 taxa)** | | **Best fitting GLM for prey type selectivity (Purcell, 1981) (7 taxa)** | |
| **Discrimination (%)** | **Top quartile variable contributions** | **Sign** | **R2** | **Sign** | **R2** |
| **Copepods** | 95.4 | Total nematocyst volume | - | 67.8 | **-\*** | 97.9 |
| Tentacle width | - | + |
| Haploneme elongation | - | + |
| Haploneme surface area/volume ratio | + | - |
| Haploneme row number | + | + |
| Cnidoband length | - | + |
| Cnidoband width | - | - |
| Cnidoband free length | + | + |
| **Fish** | 68.1 | Total haploneme volume | - | 45.8 | + | 96.0 |
| Heteroneme volume | + | - |
| Total nematocyst volume | - | + |
| Total heteroneme volume | - | - |
| Cnidoband length | - | - |
| Cnidoband free length | + | + |
| Involucrum length | - | - |
| Pedicle width | + | + |
| **Large crustaceans** | 81.8 | Involucrum length | **+\*** | 73.2 | + | 98.7 |
| Total heteroneme volume | - | - |
| Elastic strand width | - | **+\*** |
| Rhopaloneme length | + | + |
| Heteroneme volume | + | - |
| Haploneme elongation | - | + |
| Desmoneme length | - | - |
| Tentacle width | + | + |