**Table S9.** The relationship between tadpole functional traits and RLQ axes of the fitted model which included tadpoles in streams

|  |  |  |  |
| --- | --- | --- | --- |
| RLQ axes | Environment descriptor | Std. obs. values | Adj. p-value |
|  | BH | 0.591 | 0.56 |
|  | BL | -1.873 | 0.05 |
|  | BW | -2.127 | 0.02 |
|  | TMW | 2.136 | 0.02 |
|  | DFH | -0.645 | 0.55 |
|  | VFH | 1.015 | 0.32 |
|  | NTR | 0.005 | 0.99 |
|  | ODP anterior | -0.768 | 0.03 |
|  | ODP anteroventral | 0.049 | 0.36 |
|  | MS | 1.537 | 0.11 |
|  | ES | 1.868 | 0.05 |
| R1 | SL | -1.104 | 0.28 |
|  | SW | -0.226 | 0.81 |
|  | ND | 1.754 | 0.07 |
|  | IED | 1.751 | 0.07 |
|  | Fl absent | -1.292 | 0.14 |
|  | Fl present | 0.766 | 0.74 |
|  | EP dorsal | -1.417 | 0.08 |
|  | EP dorsolateral | 1.100 | 0.87 |
|  | EP lateral | 0.789 | 0.75 |
|  | SP posterior | 0.222 | 0.67 |
|  | SP posterodorsal | -0.551 | 0.24 |
|  | SP ventral | 0.738 | 0.79 |
|  | NP anteroventral | 0.738 | 0.79 |
|  | NP dorsal | -1.849 | 0.03 |
|  | NP dorsolateral | -0.492 | 0.35 |
|  | NP lateral | 0.060 | 0.60 |
|  | BH | -0.521 | 0.64 |
|  | BL | -0.591 | 0.57 |
|  | BW | 0.236 | 0.82 |
|  | TMW | -1.062 | 0.30 |
|  | DFH | 1.449 | 0.14 |
|  | VFH | 1.572 | 0.12 |
|  | NTR | -1.422 | 0.16 |
|  | ODP anterior | -0.785 | 0.23 |
|  | ODP anteroventral | -1.370 | 0.11 |
|  | MS | -0.911 | 0.38 |
|  | ES | -0.916 | 0.37 |
| R2 | SL | -1.580 | 0.12 |
|  | SW | 0.060 | 0.96 |
|  | ND | -1.342 | 0.19 |
|  | IED | -1.342 | 0.18 |
|  | Fl absent | -0.648 | 0.26 |
|  | Fl present | 0.982 | 0.84 |
|  | EP dorsal | -1.594 | 0.04 |
|  | EP dorsolateral | 1.440 | 0.93 |
|  | EP lateral | 0.811 | 0.79 |
|  | SP posterior | 0.182 | 0.60 |
|  | SP posterodorsal | -0.597 | 0.26 |
|  | SP ventral | 0.968 | 0.82 |
|  | NP anteroventral | 0.986 | 0.82 |
|  | NP dorsal | -1.925 | 0.02 |
|  | NP dorsolateral | 1.137 | 0.87 |

R1 = Axes 1; R2 = Axes 2; Std. obs. values = Standard observed values; Adj. p-value = Adjusted p-value.