**Table S6.** Relationship between the tadpole functional traits and RLQ axes in the fitted model of ponds (model with landscape descriptors)

|  |  |  |  |
| --- | --- | --- | --- |
| RLQ axes | Functional traits | Std. obs. values | Adj. p-value |
|  | BH | 1.397 | 0.16 |
|  | BL | -0.493 | 0.68 |
|  | BW | -1.565 | 0.14 |
|  | TMW | 1.069 | 0.32 |
|  | DFH | 0.159 | 0.89 |
|  | VFH | 0.484 | 0.62 |
|  | NTR | -0.643 | 0.64 |
|  | ODP anterior | -0.324 | 0.45 |
|  | ODP anteroventral | -0.827 | 0.28 |
|  | ODP ventral | <0.001 | 1.00 |
|  | MS | 1.397 | 0.16 |
| R1 |  |  |  |
|  | ES | 1.526 | 0.10 |
|  | SL | 0.390 | 0.58 |
|  | SW | 1.088 | 0.26 |
|  | ND | 1.295 | 0.23 |
|  | IED | 1.437 | 0.12 |
|  | Fl absent | 0.767 | 0.70 |
|  | Fl present | -0.729 | 0.34 |
|  | EP dorsal | 0.282 | 0.64 |
|  | EP dorsolateral | 1.252 | 0.89 |
|  | EP lateral | 1.408 | 0.14 |
|  | SP posterior | 0.014 | 0.63 |
|  | SP posterodorsal | 0.086 | 0.45 |
|  | SP sinistral | <0.001 | 1.00 |
|  | SP ventral | -0.653 | 0.30 |
|  | NP anteroventral | -0.469 | 0.48 |
|  | NP absent | -0.598 | 0.27 |
|  | NP dorsal | 0.386 | 0.62 |
|  | NP dorsolateral | -0.166 | 0.61 |
|  | NP lateral | -0.238 | 0.51 |
|  | NP laterodorsal | <0.001 | 1.00 |
|  | BH | 0.239 | 0.84 |
|  | BL | 0.174 | 0.86 |
|  | BW | 0.148 | 0.88 |
|  | TMW | 0.236 | 0.84 |
|  | DFH | 2.319 | 0.02 |
|  | VFH | 0.681 | 0.52 |
|  | NTR | -0.051 | 0.95 |
|  | ODP anterior | -1.042 | 0.16 |
| R2 | ODP anteroventral | 1.539 | 0.93 |
|  | ODP ventral | <0.001 | 1.00 |
|  | MS | 0.285 | 0.79 |
|  | ES | -0.071 | 0.94 |
|  | SL | 0.877 | 0.39 |
|  | SW | 1.223 | 0.23 |
|  | ND | 0.874 | 0.40 |
|  | IED | -1.148 | 0.25 |
|  | Fl absent | -2.347 | 0.02 |
|  | Fl present | 1.603 | 0.94 |
|  | EP dorsal | -1.588 | 0.04 |
|  | EP dorsolateral | -0.688 | 0.23 |
|  | EP lateral | 1.902 | 0.98 |
|  | SP posterior | -1.370 | 0.11 |
|  | SP posterodorsal | -1.773 | 0.05 |
|  | SP sinistral | <0.001 | 1.00 |
|  | SP ventral | 0.591 | 0.74 |
|  | NP anteroventral | -0.662 | 0.38 |
|  | NP absent | -0.171 | 0.47 |
|  | NP dorsal | -1.593 | 0.05 |
|  | NP dorsolateral | -0.135 | 0.36 |
|  | NP lateral | 0.113 | 0.51 |
|  | NP laterodorsal | <0.001 | 1.00 |
|  | SP posterodorsal | 0.086 | 0.45 |
|  | SP sinistral | <0.001 | 1.00 |
|  | SP ventral | -0.653 | 0.30 |
|  | NP anteroventral | -0.469 | 0.48 |
|  | NP absent | -0.598 | 0.27 |
|  | NP dorsal | 0.386 | 0.62 |
|  | NP dorsolateral | -0.166 | 0.61 |
|  | NP lateral | -0.238 | 0.51 |
|  | NP laterodorsal | <0.001 | 1.00 |
|  | BH | 0.239 | 0.84 |
|  | BL | 0.174 | 0.86 |
|  | BW | 0.148 | 0.88 |
|  | TMW | 0.236 | 0.84 |
|  | DFH | 2.319 | 0.02 |
|  | VFH | 0.681 | 0.52 |
|  | NTR | -0.051 | 0.95 |
|  | ODP anterior | -1.042 | 0.16 |
|  | ODP anteroventral | 1.539 | 0.93 |
|  | ODP ventral | <0.001 | 1.00 |
|  | MS | 0.285 | 0.79 |
|  | ES | -0.071 | 0.94 |
|  | SL | 0.877 | 0.39 |
|  | SW | 1.223 | 0.23 |
|  | ND | 0.874 | 0.40 |
|  | IED | -1.148 | 0.25 |
|  | Fl absent | -2.347 | 0.02 |
|  | Fl present | 1.603 | 0.94 |
|  | EP dorsal | -1.588 | 0.04 |
|  | EP dorsolateral | -0.688 | 0.23 |
|  | EP lateral | 1.902 | 0.98 |
|  | SP posterior | -1.370 | 0.11 |
|  | SP posterodorsal | -1.773 | 0.05 |
|  | SP sinistral | <0.001 | 1.00 |
|  | SP ventral | 0.591 | 0.74 |
|  | NP anteroventral | -0.662 | 0.38 |
|  | NP absent | -0.171 | 0.47 |
|  | NP dorsal | -1.593 | 0.05 |
|  | NP dorsolateral | -0.135 | 0.36 |
|  | NP lateral | 0.113 | 0.51 |
|  | NP laterodorsal | <0.001 | 1.00 |

R1 = Axis 1; R2 = Axis 2; Functional traits = Measured characteristics of tadpoles; Std. obs. values = Standard observed values; Adj. p-value

= Adjusted *p*-value.