

## Legend of Abbreviations

*Data from:*

### **Towards a functional understanding of species coexistence: Ecomorphological variation in relation to whole-organism performance in two sympatric lizards**

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We have examined the intra- and interspecific variation in functional morphology and whole-organism performance in a sympatric lizard species pair, *Iberolacerta horvathi* and *Podarcis muralis*, in the area with a high potential for competition.

Bite forces were measured using a 20N force gauge (SAUTER GmbH, Germany) mounted on a vertical holder. Lizards bite a pair of thin metal plates connected to the force transducer. Each lizard was tested five times and the maximal value recorded per individual was retained for statistical analysis.

Sprinting and climbing speed were measured on a 1-m long and 15-cm wide racetrack with cork substrate. For sprinting speed the racetrack was placed horizontally and for climbing speed it was tilted to an angle of 60°. All trials were filmed with a digital camera (Canon EOS 60D, Tokyo, Japan) at a filming speed of 50 fps. All animals were tested three times in each setting and the maximal value recorded per individual was retained for statistical analysis.

Morphometric characters were measured to the nearest 0.1 mm by using digital calipers.

The data package includes the data used to create plots and perform all analysis. Each row represents values of one individual.

Legend of abbreviations used in column labels:

SP = Species: IHOR = *Iberolacerta horvathi*, PMUR = *Podarcis muralis*

SEX = Sex: F = Female, M = Male

MAXBITE = Maximal value of bite force (N)

MAXRUN = Maximal value of sprinting speed (cm/sec)

MAXCLIMB = Maximal value of climbing speed (cm/sec)

SVL = Snout-vent length (mm)

TRL = Trunk length (mm)

HL = Head length (mm)

PL = Pileus length (mm)

HW = Head width (mm)

HH = Head height (mm)

MO = Mouth opening (mm)

FLL = Fore limb length (mm)

HLL = Hind limb length (mm)