

Inferring labrid functional roles through morphological and ecological traits

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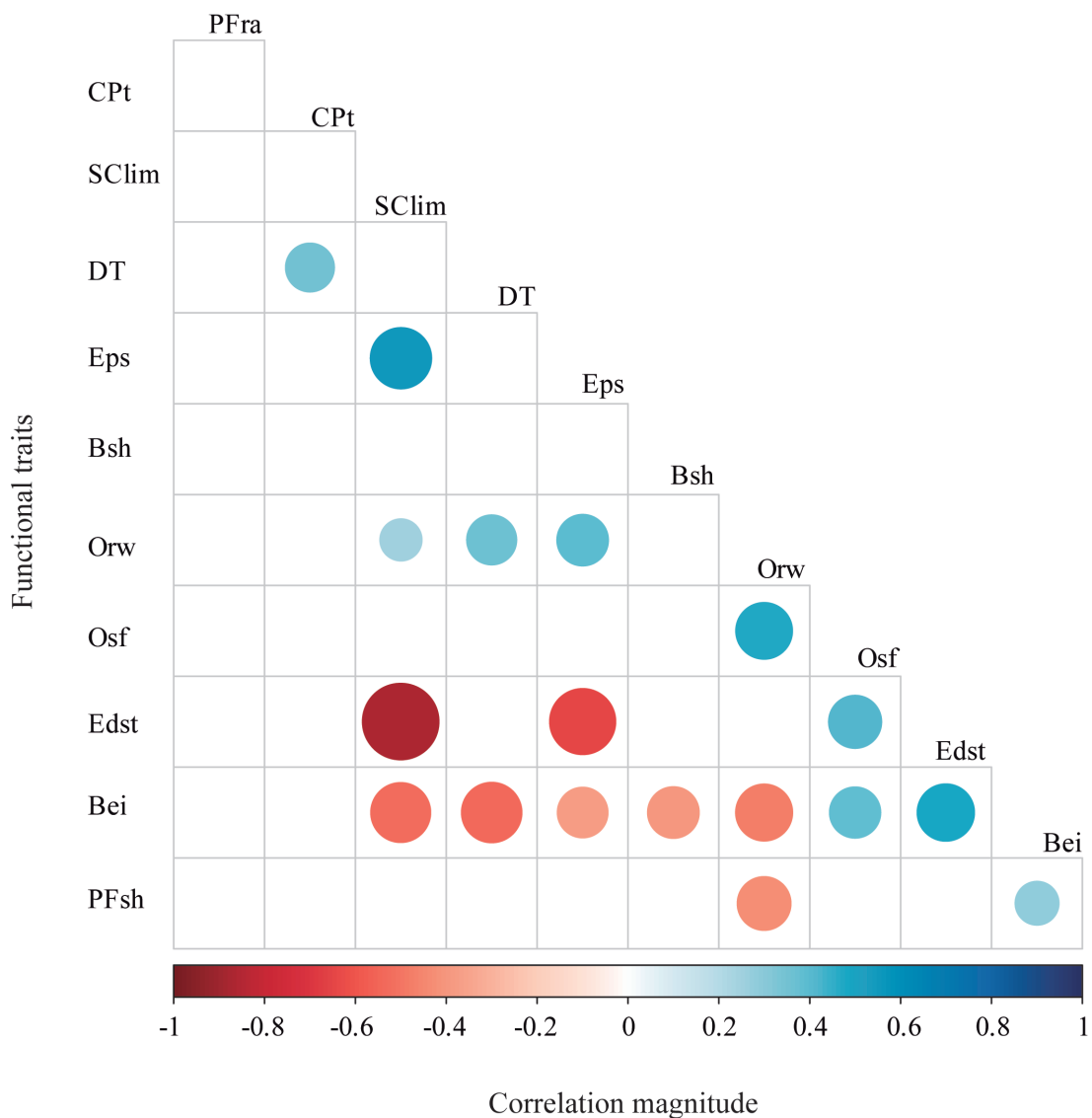


Figure S1: Spearman correlation tests among functional traits. Only significant correlations ($\alpha = 0.01$) have been plotted with colors representing sign (red and blue for negative and positive respectively) and size of the circles representing strength of correlations. Acronyms: Osf – Oral gape surface; Orw – Oral width; Edst – Eye size; Eps – Eye position; Bsh – Body transversal shape; PFSh – Pectoral fin shape; PFra – Pectoral fin relative area; CPt – Caudal peduncle throttling; BEI – Body elongation index; DT – Dentition type; SClim – Size Class limit.

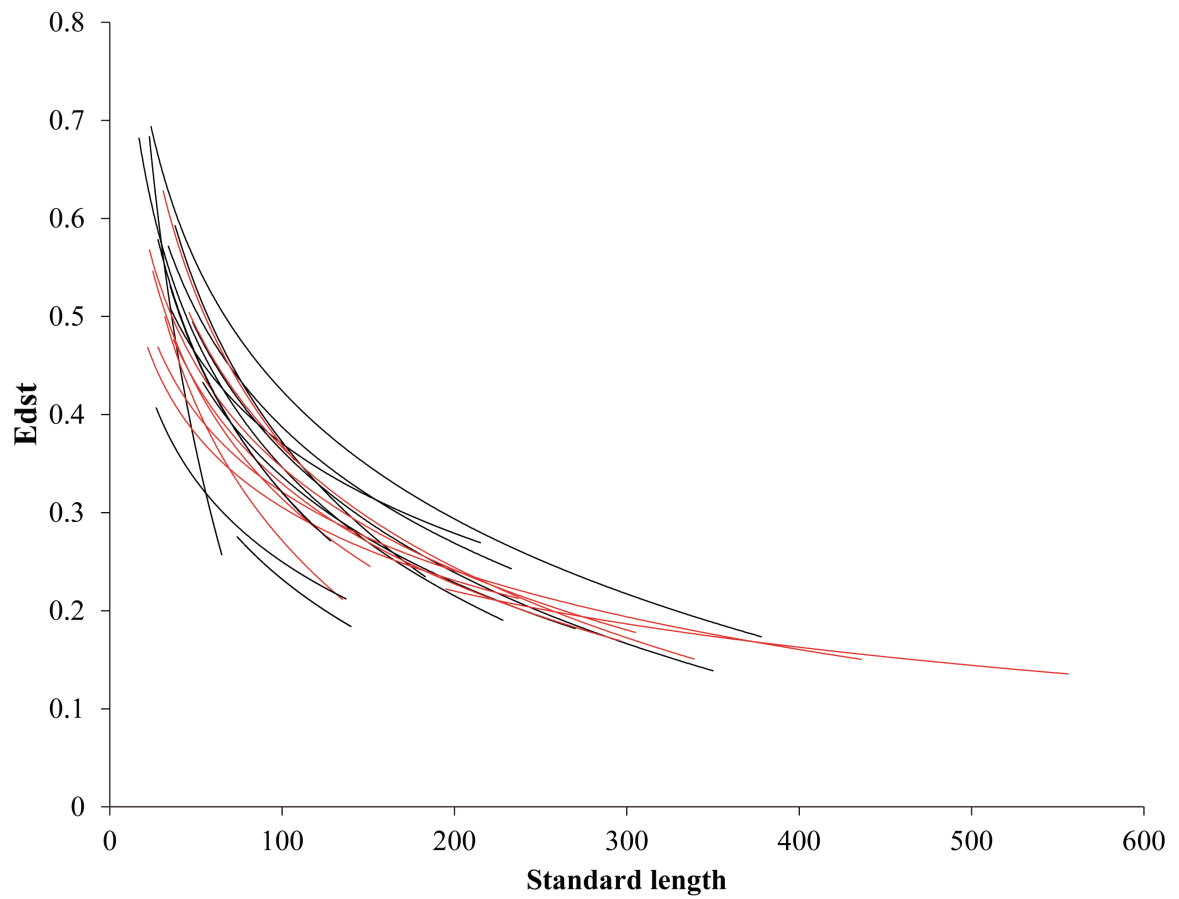


Figure S2: Relationships between standard length (mm) and the functional trait Eye size (Edst) for herbivores (Scarini, red lines) and invertivores / planktivores (non-Scarini, black lines) labrid species. Each line ($y = a \cdot \ln(x) + b$) represents one species and was computed using all individual specimens (Table 1).