**Appendix**

**Fish morphometric body condition indices reflect energy reserves but other physiological processes matter**

**Authors**

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Figure S1: Scree Plot of the percentage of variance explained by each Principal Component from the principal component analysis including all physiological variables.



Figure S2: Factor loadings for physiological variables in sardine for each of the three main principal components. Cortisol: individuals’ cortisol levels; Oxy: total anti-oxidant defences, d-ROM: total oxidative damages; FA\_total: total amount of fatty acids; EPA, 20:5n-3; DHA 22:6n-3; ARA, 20:4n-6; LIN, 18:2n-6; ALA, 18:3n-3; AP: alkaline phosphatase; AN: leucine aminopeptidase; and GGT: γ-glutamyl transpeptidase.