

**S2 Table. All at-vessel metrics that were used in analyses.**

<b>Category</b>	<b>Metric</b>
Behavioural metrics	Release condition Nictitating membrane reflex Bite reflex Flex reflex Equilibrium reflex
Environmental metrics	Water temperature Dissolved oxygen level
Morphological metrics/ at-vessel measurements	Time on line Total length Girth Sex
Blood metrics	
<i>Blood composition</i>	pH Hematocrit
<i>Metabolites</i>	Lactate Glucose
<i>Electrolytes</i>	K <sup>+</sup> Na <sup>+</sup> Mg <sup>2+</sup> Ca <sup>2+</sup> Cl <sup>-</sup>

Metrics are divided by categories, which are also referred to in the text.