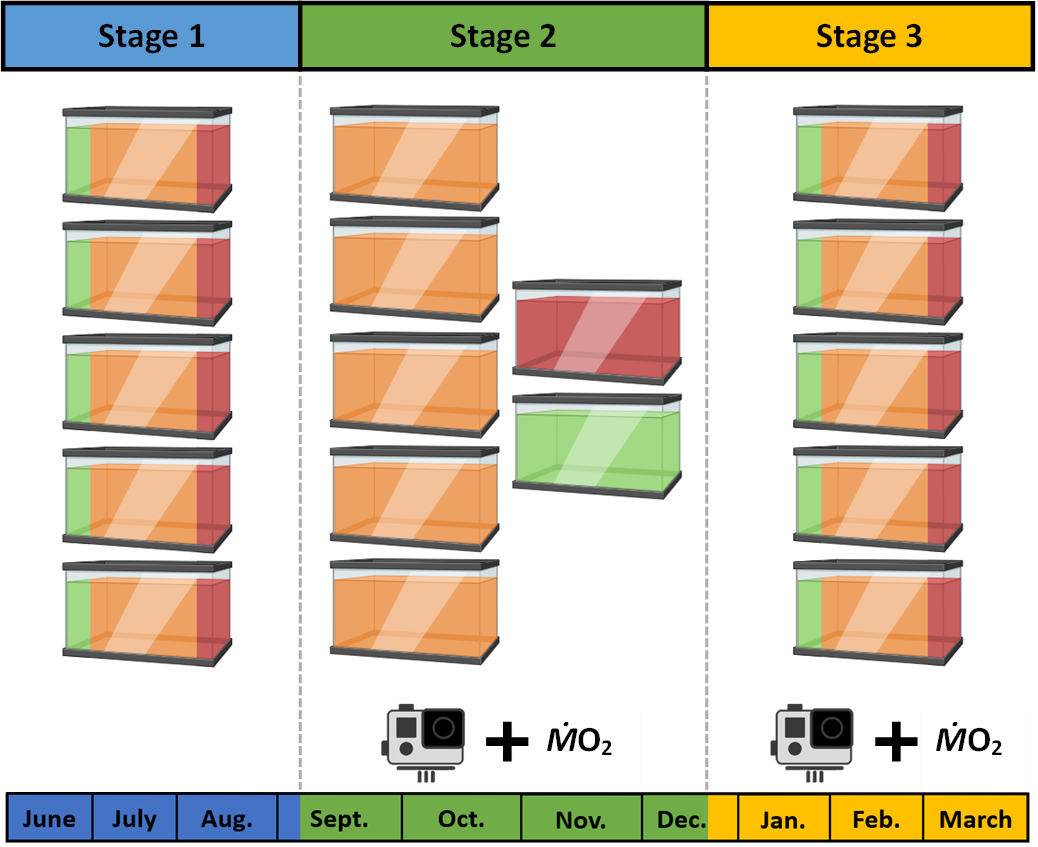
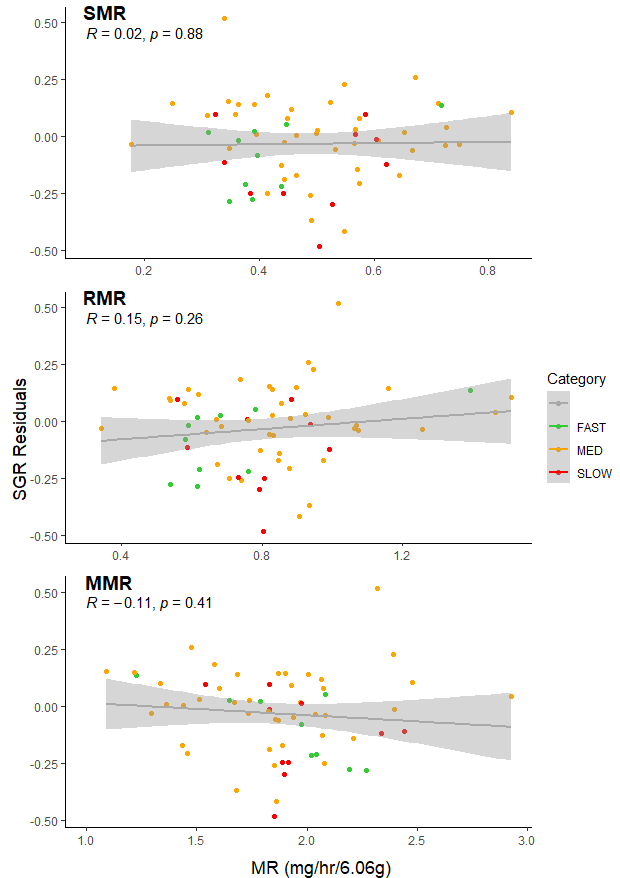
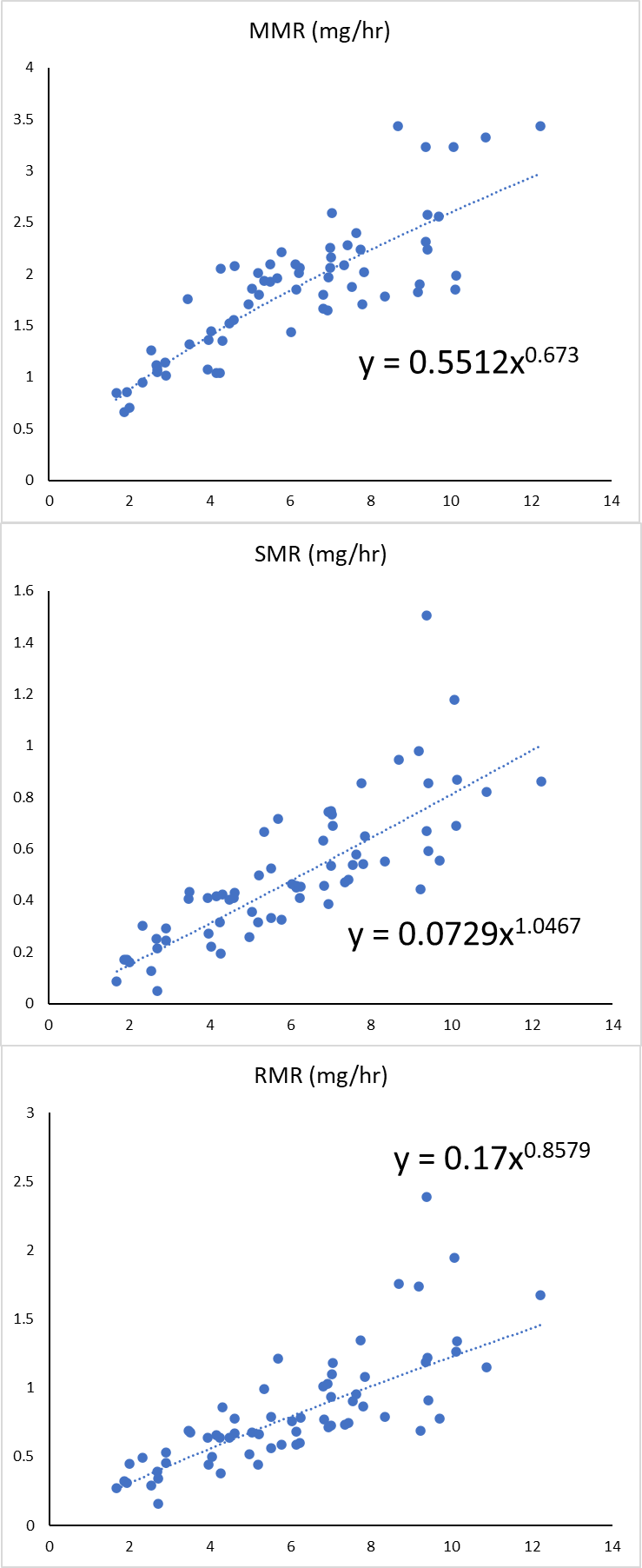
**Supplementary Materials**



**Figure 1:** Timeline schematic showing tank distributions over the three stages. In Stage 1, five tanks held seven randomly selected fish each. In Stage 2, the fastest and slowest growing fish identified in Stage 1 were pooled into two new tanks, leaving behind the intermediate-growing fish in the original five tanks. Pooled fish were then returned to their original tanks in Stage 3. Video recordings of behavior and metabolic measurements were collected in Stages 2 and 3. Camera art from cleanpng.com, fish tank graphics created in biorender.com.



**Fig. 2:** SGR residuals vs. metabolic rates across both time periods.



**Fig. 3:** Best-fit power functions used to mass-standardize metabolic rate calculations. See sheet “2 - Mass Standardization.xlsx”.