



Supplemental Figure 1. Core and rim otolith $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ plotted in respect to a 1:1 line to illustrate both similarities and offsets between lionfish otolith composition across an individual's life. Each point describes an individual such that individuals that fall further from the 1:1 line demonstrate larger isotopic differences in otolith stable isotope composition between the rim (mixed stock) and core (source stock). Individuals falling along the 1:1 line do not demonstrate large differences in otolith composition through time and did not disperse outside of that stable isotope's isocline.