



Temperature to seawater nitrate relationship inside kelp forests along the mainland coast of the Santa Barbara Channel using data collected by the Santa Barbara Coastal Long-Term Ecological Research project. The black line represents the best nonlinear fit through the data and the grey shaded area represents 2x standard error. The dashed black line shows the $1 \mu\text{mol L}^{-1}$ seawater nitrate concentration where giant kelp begins to become nutrient stressed.