Ocean Condition Models A. Physological Delay Model B. 1-Year Ecological Delay Model C. 2-Year Ecological Delay Model 0 Alanine Alanine -2 -3 -3 Glutamic Acid Glutamic Acid 0 Residuals Residuals Residuals Proline Proline Proline -2 -2 **-**-3 -3 **-**0 -Valine* Valine* -2 -2 • -3 -3 **-**1980 1960 2000 1960 1980 2000 1960 1970 1980 1990 2000 2010 Year Year Year