Pam 1: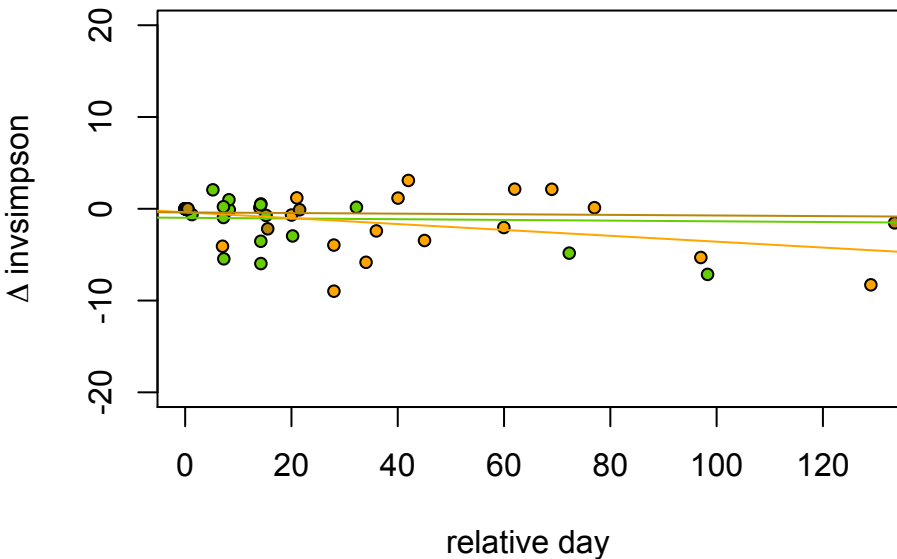 Change in diversity, over sampling   **Pam 2: Change in diversity, over sampling**