Effect of hatchery releases on rec5_n in Upper Salmon MPG spring total summer 0.0 -0.2 -0.4 -0.6 0.0 -0.2 2 -0.4 -0.6 $\begin{array}{c} \text{interaction coefficient} \\ -0.2 \\ -0.4 \\ -0.6 \end{array}$ offset ω 5 0.0 -0.2 -0.4-0.6 0.0 -0.2 5 -0.4 -0.6

1960 1970 1980 1990 2000 20101960 1970 1980 1990 2000 20101960 1970 1980 1990 2000 2010 **year**