

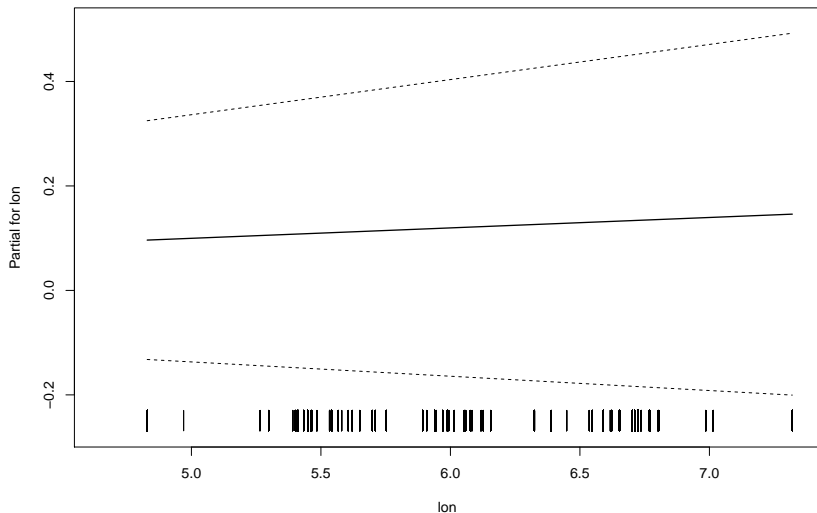
## Family size models

## Hypotheses 1 - 3

1. Families are larger in the west,
2. Families are smaller in larger flocks
3. Family size decreases through the winter

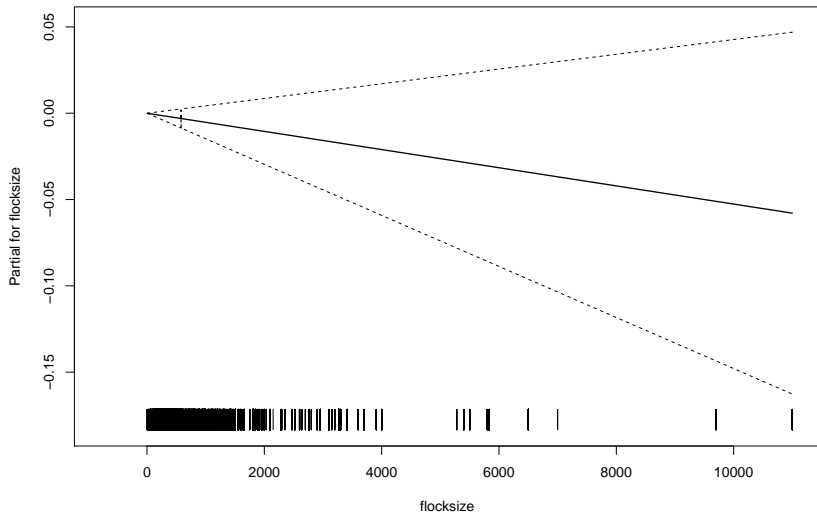
# Family size $\sim$ longitude

- Not a significant effect



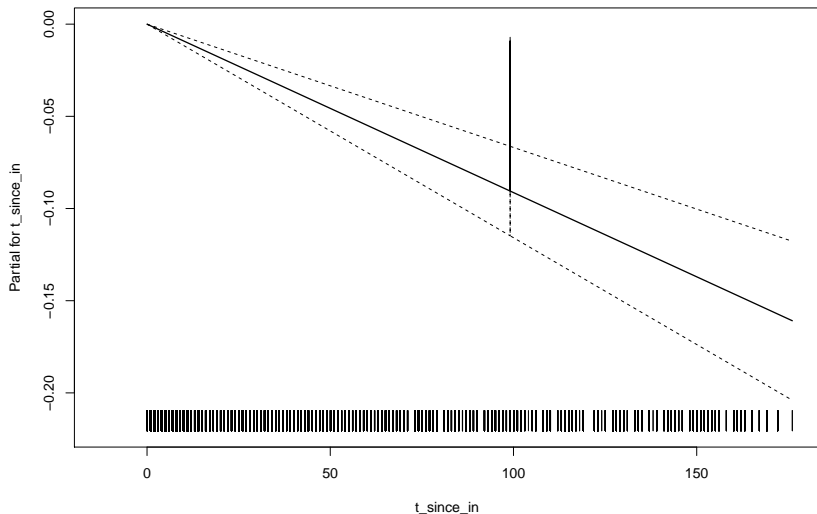
# Family size $\sim$ flocksize

- Not a significant effect



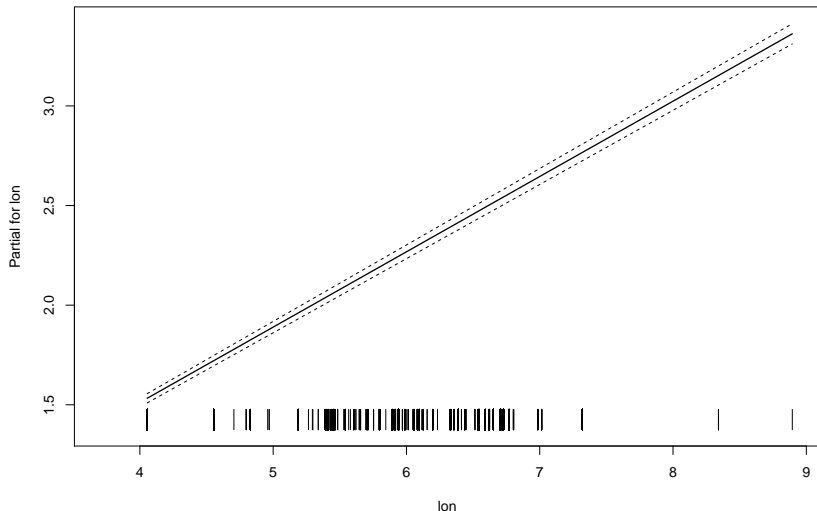
# Family size $\sim$ time in winter

- Highly significant effect



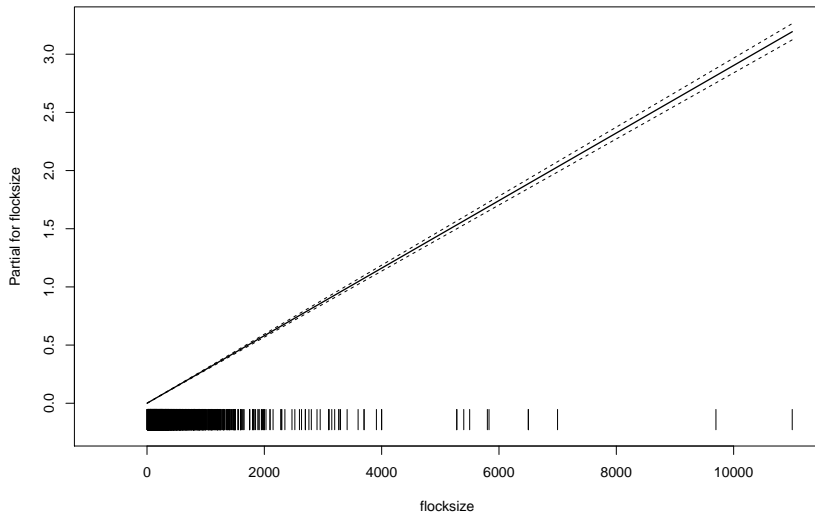
## Hypothesis 4: Flocksize $\sim$ longitude

- Highly significant effect. Flocks are smaller in the west.



## Hypothesis 5: Number of families $\sim$ flocksize

- Significant effect



# Juvenile % $\sim$ winter

## ► Significant effect

