Gas consumption in a single-family home

Gas bill ($) vs. Average monthly temperature (Fahrenheit)

Straight line fit (OLS)
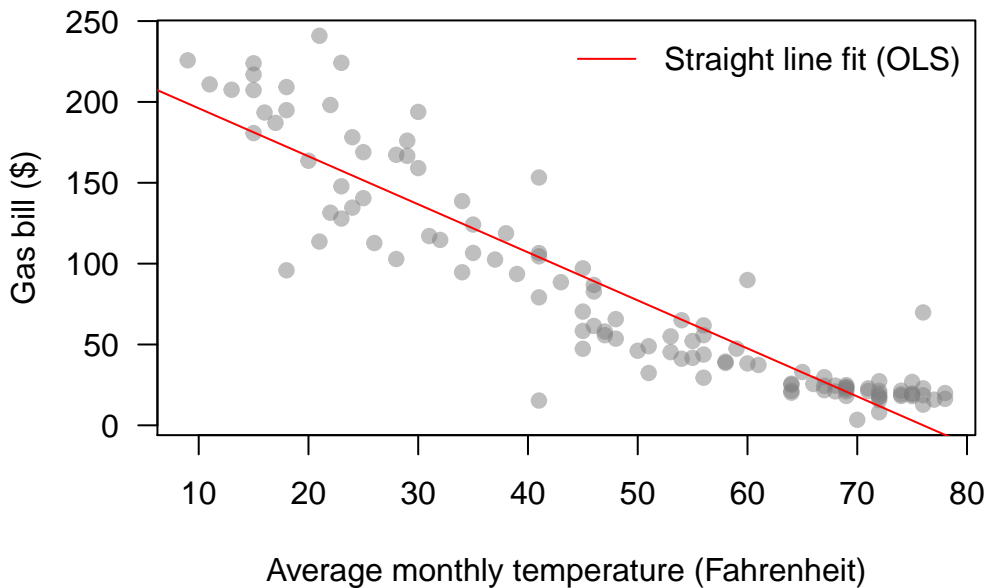
Residuals from linear model

Residual vs. Average monthly temperature (Fahrenheit)