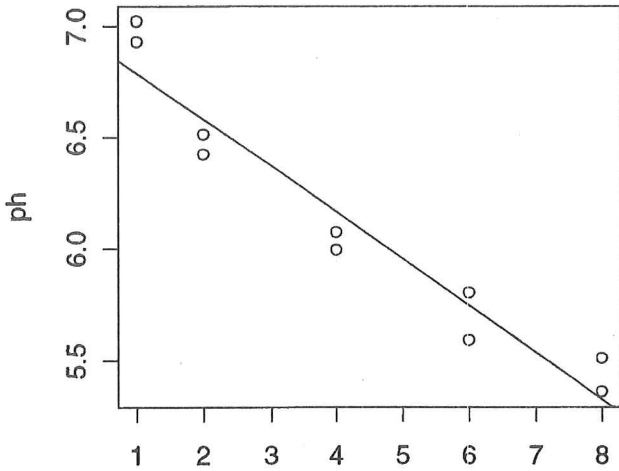


# Meat pH data

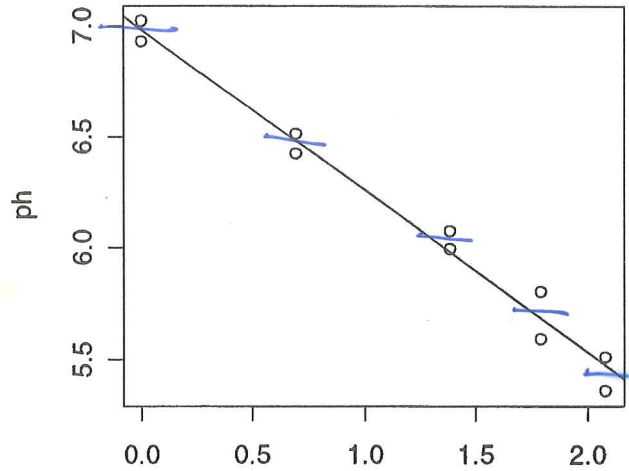
Regression on time



$$\hat{\beta}_1 = -0.21 \text{ (0.020)} \quad p < 0.0001$$

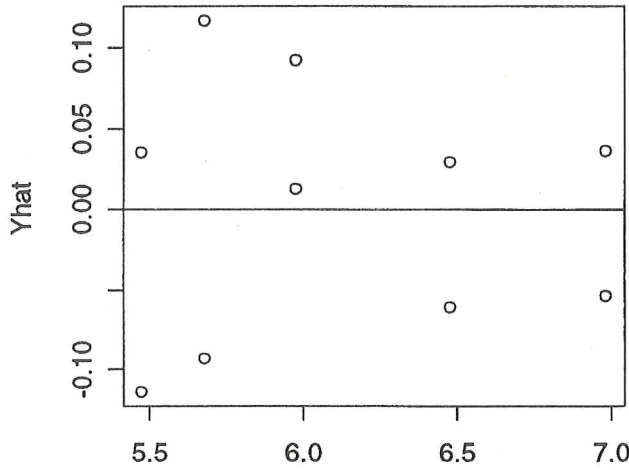
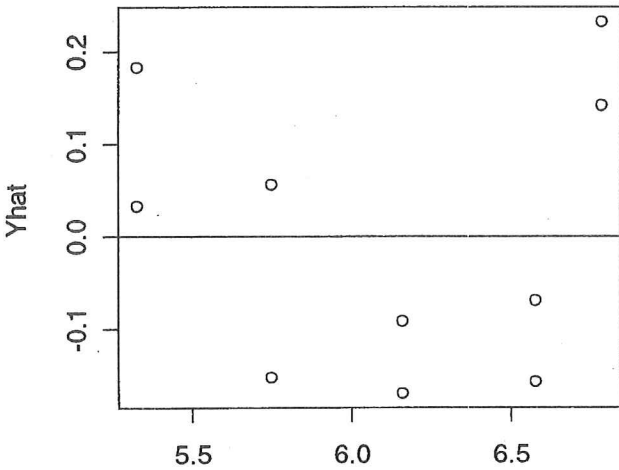
pH/hr

Regression on log time



$$\hat{\beta}_1 = -0.72 \text{ (0.034)} \quad p < 0.0001$$

pH/loghr



	df	Residual RSS	MS
Regression	8	0.2036	
ANOVA	5	0.0446	0.0089
<u>Lackoffit</u>	<u>3</u>	<u>0.1590</u>	<u>0.0530</u>

$$F = \frac{0.0530}{0.0089} = 5.94 \quad p = 0.042$$

	df	Residual RSS	MS
Regression	8	0.0541	
ANOVA	5	0.0446	0.0089
<u>Lackoffit</u>	<u>3</u>	<u>0.0095</u>	<u>0.0031</u>

$$F = 0.36, \quad p = 0.79$$