

HW 12

1. Fit the nonlinear model

$$Y = \frac{\gamma_1 X}{\gamma_2 + X} + \varepsilon$$

to the data in the table below:

X	Y
2	0.0615
2	0.0527
0.667	0.0344
0.667	0.0258
0.4	0.0138
0.4	0.0258
0.286	0.0129
0.286	0.0183
0.222	0.0083
0.222	0.0169
0.2	0.0129
0.2	0.0087

- a) Report the fitted equation.
 - b) Interpret the estimated parameters.
 - c) Provide a scatterplot and include the fitted curve to it.
2. From textbook do exercise 13.5
 3. From textbook do exercise 13.6