

Consider the model:

$$y = \frac{\phi_1 u + \phi_2}{\phi_3 u (u + \phi_4)}$$

and the data points given in `ryl6_points.txt`

- (a) Fit this model to the data provided.
- (b) Identify the regimes in parameter space in which one parameter is practically unidentifiable. For each regime, find the effective model and fit it to the data. Qualitatively describe the feature in the data that the unidentifiable parameter controlled for.