

# How to do 4PL Logistic Regression

---

*Source:* <http://sci.tech-archive.net/Archive/sci.stat.math/2008-02/msg00232.html>

---

- *From:* "youjie@xxxxxxxx" <youjie@xxxxxxxx>
  - *Date:* Wed, 13 Feb 2008 07:46:15 -0800 (PST)
- 

I am working on curve fitting a 4 parameters logistic regression model.

Given a set of points (x, y) and calculate the 4 parameters.

The 4PL equation is

$$y = D + (A - D) / (1 + (x/c)^B)$$

To do the curve fit, what should I do? Or the method?

I already finished fitting a 2 parameters logistic model.

Thanks.

.