
Subject: mpfitfun.pro

Posted by [fskhk](#) on Mon, 15 Oct 2001 09:41:39 GMT

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I'm using Craig Markwardt's fitting routine MPFITFUN.PRO. I use an expression called the Dorman function, to fit the given data points. I don't get a proper fit, doesn't matter which starting params I use. This is my code:

```
function dorman, x,p
  return,P(0)*P(1)*148.1*(X^(-P(1)-1.0))*exp(-P(0)*X^(-P(1)))
end
```

```
start=[1.5D, -0.5]
p=MPFITFUN('dorman',x,y,rerr,start)
yy=dorman(x,p)
```

oplot, exp(x), exp(yy), color = 150 ; using natural log axes.

What am I doing wrong?

Thanks for any help.

Helena Kruger
