PS8$_{T}ao$

jiongliangtao

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1 Introduction

Table 1:

1.501
-0.991
-0.247
0.744
3.504
-1.999
0.502
0.997
1.256
1.999

My estimate is very similar to the true value of beta in (1).

Table 2:

1.501	-0.991	-0.247	0.744	3.504	-1.999	0.502	0.997	1.256	1.999

Table 3:

1.501	-0.991	-0.247	0.744	3.504	-1.999	0.502	0.997	1.256	1.999

Table 4:

1.462	-0.977	-0.234	0.775	3.507	-1.971	0.537	0.971	1.243	2.002

From the table above, we can see that the Nelder Mead is less accurate than the LBFGS method.

Table 5:

1.501	-0.991	-0.247	0.744	3.504	-1.999	0.502	0.997	1.256	1.999	-0.500

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Table 6:

	Dependent variable:
	Y
X1	1.501^{***}
	(0.002)
X2	-0.991^{***}
	(0.003)
X3	-0.247^{***}
	(0.003)
X4	0.744^{***}
	(0.003)
X5	3.504^{***}
	(0.003)
X6	-1.999^{***}
	(0.003)
X7	0.502^{***}
	(0.003)
X8	0.997^{***}
	(0.003)
X9	1.256^{***}
	(0.003)
X10	1.999^{***}
	(0.003)
Observations	100,000
R^2	0.971
Adjusted R^2	0.971
Residual Std. Error	0.500 (df = 99990)
F Statistic	$338{,}240.000^{***}$ (df = 10; 99990)
Note:	*p<0.1; **p<0.05; ***p<0.01