



Bases for alternative nonparametric Mincer function [

2017

text (article)

Analítica

This work undertakes a nonparametric regression in order to model a simplified Mincer Function of earnings. The main advantages of using this technique is that it does not rely on assumptions and the statistical inference is not sensitive to distributions disturbances due to violations of the assumptions. The results of the nonparametric estimation are compared to a classical OLS regression. From this comparison it was found that the OLS estimator did not fulfilled the assumptions that this method requires, therefore, the statistical inference from this estimation is misleading. On the other hand, the confidence intervals obtained from the nonparametric regression are more accurate and less sensitive to variability and magnitude of the variables. Consequently, the nonparametric estimation would be an alternative to model labor market variables avoiding string assumptions that will lead to wrong statistical inference conclusions

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Editorial: 2017

Tipo Audiovisual: econometría no paramétrica inferencia estadística estimación no paramétrica función Mincer intervalos de confianza nonparametric econometrics statistical inference nonparametric estimation Mincer function confidence intervals

Documento fuente: Revista Economía y Política, ISSN 2477-9075, N°. 25, 2017 (Ejemplar dedicado a: enero /junio), pags. 29-43

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Lengua: English

Enlace a fuente de información: Revista Economía y Política, ISSN 2477-9075, Nº. 25, 2017 (Ejemplar dedicado a: enero/junio), pags. 29-43

Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es