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(khodaverdi85@gmail.com)^{*}



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(Sharpley, 2002: 233)

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(Guo et al., 2001: 153)

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(Willis, 1994)

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(Pollicino and Maddison, 2001)

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(Amigues, et al., 2002)

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(Whitehead and Finney, 2003)

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(Amirnejad et al., 2006)

(Togridou et al., 2006)

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(Gurluk, 2006)

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(Reynisdottir et al., 2008)

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(Pattanayak and Mercer, 1998)

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:(Heckman, 1976: 476)

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$$Z_i = 1 \quad \text{if} \quad Y_i^* > 0, \quad Z_i = BX_i + u_i \quad (1)$$

$$Z_i = 0 \quad \text{if} \quad Y_i^* \leq 0, \quad i = 1, 2, 3, \dots, N$$

$$i = 1, 2, 3, \dots, N \quad Y_i = BX_i + \sigma\lambda_i + v_i \quad (2)$$

Z_i

$$Y_i = \delta + \beta Y_i^* + \epsilon_i$$

X_i

$\delta \quad \beta \quad \epsilon_i$

$v_i \quad u_i$

$$\lambda_i = \frac{\phi(\beta'X_i)}{1 - \phi(\beta'X_i)} \quad (3)$$

:(Heckman, 1976: 479)

$$\lambda_i = \frac{\phi(\beta'X_i)}{1 - \phi(\beta'X_i)} \quad (4)$$

$$1 - \phi(\beta'X_i) \quad \phi(\beta'X_i)$$

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$$\left(\frac{\phi(\beta'X_i)}{1 - \phi(\beta'X_i)} \right) \quad (5)$$

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$$Y_i^* > 0 \quad (6)$$

(Greene, 1993)

$Z_i \quad X_i$



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:(McDonald and Moffitt, 1982: 318) () (Z_i)

$$\frac{\partial E(Z_i)}{\partial x_i} = B_j \phi(I) \quad ()$$

$\phi(I)$ X_i B_j

:(Judge et al., 1985) () ()

$$\log y_t = b. + \sum_{i=1}^n b_i \log X_{it} + \theta v_t + e_t \quad ()$$

() () v_t

.(Cochran, 1977)

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1) $Min \rightarrow Min + 1sd$

2) $Min + 1sd \rightarrow Mean$

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3) $Mean \rightarrow Mean + 1sd$

4) $Mean + 1sd \rightarrow Max$



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Sd Mean Max Min

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Min= / Max= / Mean= / SD= /

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(Whister, 1999)

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$$\text{WTP} = \left(\frac{1}{*} \right) \left(\frac{1}{* /} \right) + \left(\frac{1}{* /} \right) + \left(\frac{1}{*} \right) + \left(\frac{1}{* /} \right) =$$

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1. willingness to pay (WTP)
3. contingent valuation (CV)
5. Tobit model
7. National Marine Park of Zakynthos

2. Durham
4. Lincoln
6. Heckman Two-Stage



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/ BWP :Botswana Pula (BWP) -^

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| <p>9. Bursa</p> <p>11. Gullfoss waterfall</p> <p>13. Probit model</p> <p>15. latent variable</p> <p>17. maximum likelihood</p> <p>19. MacKinson non-nested testing</p> <p>$v_t (\hat{y}_t)$</p> <p>21. Wald test</p> <p>23. variance decomposition analysis</p> <p>25. likelihood ratio (LR)</p> <p>26. P-value</p> <p>28. Maddala R-Square</p> <p>30. weighted aggregate elasticity</p> <p>32. Durbin-Watson (DW)</p> | <p>10. Skaftafell National Park</p> <p>ISK</p> <p>14. mutually exclusive</p> <p>16. inverse of Mill's ratio</p> <p>18. ordinary least squares (OLS)</p> <p>$\tilde{y}_t - \hat{y}_t$ (Log\hat{y}_t)</p> <p>22. collinearity</p> <p>24. Davidson and MacKinson</p> <p>27. percentage of right prediction</p> <p>29. McFadden R-Square</p> <p>31. marginal effect</p> <p>33. autoregressive</p> |
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