Sandbox Testing Latex

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1   Equation Test

Inline: $\sigma_y = \sqrt{\sum_y P(Y = y) \cdot (y - \mu_y)^2}$

$$\Omega^{\max} = \exp(z^{\max}) \cdot (\Lambda^{\max})^{\alpha}$$

$$\sum_{i=0}^{\infty} a_i x^i \tag{1}$$

2   Citation Testing

Becker and Tomes (1986) is a paper on Human Capital. Early childhood health and economic circumstances could have lasting effects on adult socioeconomic outcomes (Case, Fertig, and Paxson 2005).[1]

3   URL Test

- Fan Wang Site

- Fan Wang Dynamic Asset Code Repository

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1. "In this article, we develop a framework for analyzing the causal effects of interventions in the presence of latent factors that could affect outcomes, even in the absence of interventions" (Conti and Heckman 2010).

4 Pandoc

4.1 Install and convert Tex to Word

For editing latex files in word to benefit from tracked changes.

1. install pandoc: Pandoc Site Installation Link

2. open up command line

3. *cd into where tex file is*: cd `C:/Users/fan/Tex4Econ/_other/pandoc`

4. *run this for tex to word*: pandoc -s fansample.tex -o fansample.docx

4.2 Convert from Tex to Word with bibliography

1. *run this for word to tex*: pandoc –bibliography=fansample.bib -o fansample.docx fansample.tex

4.3 Convert from Word from Tex

1. *run this for word to tex*: pandoc -s fansample.docx -o fansampleBACK-DOCX.tex

References

Becker, Gary S, and Nigel Tomes. 1986. "Human Capital and the Rise and Fall of Families." *Journal of Labor Economics* 4 (3): S1–39. Accessed February 15, 2012. `http://ideas.repec.org/a/ucp/jlabec/v4y 1986i3ps1-39.html`.

Case, Anne, Angela Fertig, and Christina Paxson. 2005. "The lasting impact of childhood health and circumstance." *Journal of health economics* 24, no. 2 (March): 365–389. ISSN: 0167-6296, accessed June 13, 2012. doi:10. 1016/j.jhealeco.2004.09.008. `http://www.ncbi.nlm.nih.gov/ pubmed/15721050`.

Conti, Gabriella, and James J Heckman. 2010. "Understanding the Early Origins of the Education–Health Gradient." *Perspectives on Psychological Science* 5, no. 5 (September 1): 585–605. ISSN: 1745-6916, 1745-6924, accessed February 16, 2012. doi:`10 . 1177 / 1745691610383502`. `http://pps.sagepub.com/content/5/5/585.abstract`.