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Isabella R. Ghement, Ph.D.

Isabella is the principal of Ghement Statistical Consulting Company. Isabella obtained her Ph.D. in Statistics from the University of British Columbia in 2005. During her time at the University of British Columbia, Isabella completed courses on the techniques of statistical consulting and organized and presented sold-out workshops on the statistical software R. Isabella was also a sessional lecturer, teaching elementary statistics with applications to undergraduate students.

Isabella's Publications

Papers

1) **Seasonal Confounding and Residual Correlation in Analyses of Health Effects of Air Pollution.**

Authors: Isabella R. Ghement, Nancy E. Heckman and A. John Petkau.

Details: Submitted to *Environmetrics* in March 2006. Accepted for publication in July 2006.

View: [Abstract](#).

2) **Robust Estimation of Error Scale in Nonparametric Regression Models.**

Authors: Isabella Ghement, Marcelo Ruiz and Ruben Zamar.

Details: Submitted to the *Annals of Statistics* in May 2006.

3) **Inference in Partially Linear Models with Correlated Errors.**

Authors: Isabella Ghement and Nancy Heckman.

Details: Submitted to the *Canadian Journal of Statistics* in June 2006.

Technical Reports

1) **Seasonal Confounding and Residual Correlation in Analyses of Health Effects of Air Pollution.**

Authors: Isabella R. Ghement, Nancy E. Heckman and A. John Petkau.

Details: Technical Report # 217, Department of Statistics, University of British Columbia.

View: [in pdf](#).

2) **Robust Estimation of Error Scale in Nonparametric Regression Models**

Authors: Isabella Ghement, Marcelo Ruiz and Ruben Zamar.

Details: Technical Report # 218, Department of Statistics, University of British Columbia.

View: [in pdf](#).

3) **Inference in Partially Linear Models with Correlated Errors.**

Authors: Isabella Ghement and Nancy Heckman.

Details: Technical Report # 222, Department of Statistics, University of British Columbia.

View: [in pdf.](#)

Unpublished Manuscripts

Inference in Partially Linear Models with Correlated Errors. Ph.D. Thesis. University of British Columbia. 2005.

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Thesis Advisor: Dr. Nancy Heckman, Department of Statistics, University of British Columbia.