

## **Outliers and ARCH modeling\***

A paper presented at the  
Annual Meeting of the Finnish Statistical Society,

Vaasa, May 17-18, 2001

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**Abstract:** This paper presents and discusses some findings on the effects of outliers on ARCH models. The size and power of a Lagrange multiplier test for ARCH are examined both with Monte Carlo simulations and empirical examples. A small simulation study is also conducted to show that parameter estimates in ARCH models can also be affected by a single outlier in the series.

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