

## EXPLORATORY DATA ANALYSIS

We were together learning how to use the analysis of variance, and perhaps it is worth while stating an impression that I have formed—that the analysis of variance, which may perhaps be called a statistical method, because that term is a very ambiguous one — is not a mathematical theorem, but rather a convenient method of arranging the arithmetic. Just as in arithmetical textbooks — if we can recall their contents — we were given rules for arranging how to find the greatest common measure, and how to work out a sum in practice, and were drilled in the arrangement and order in which we were to put the figures down, so with the analysis of variance; its one claim to attention lies in its convenience.

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*The Future of Data Analysis*

J. W. TUKEY

**I**N 1986, the Vietnamese government began a policy of *textitdoi moi* (renovation), and decided to move from a centrally planned command economy to a "market economy with socialist direction". As a result, Vietnam was able to evolve from near famine conditions in 1986 to a position as the world's third larger exporter of rice in the mid nineties. Between 1992 and 1997 Vietnam's GDP rose by 8.9% annually (World Bank, 1999).

The first Vietnam Living Standards Survey (VLSS) was conducted in 1992-93 by the State Planning Committee (SPC) (now Ministry of Planning and Investment) along with the General Statistical Office (GSO). The second VLSS was