

## **DATA METHODS IN OPTOMETRY**

### **Part 9: Experimental design and analysis of variance**

Richard Armstrong and Frank Eperjesi

#### **References**

1. Armstrong RA and Eperjesi F (2004) Data analysis methods in optometry: Part 4. Introduction to analysis of variance. *Optometry Today*, March 12, 33-36.
2. Snedecor GW and Cochran WG (1980) *Statistical methods*. 7th edition, Iowa State University Press, Ames, Iowa.
3. Ridgman WJ (1975) *Experimentation in Biology*. Blackie, London.
4. Cochran WG and Cox GM (1957) *Experimental designs*. Second Ed., John Wiley, New York, London and Sydney.
5. Armstrong RA, Eperjesi F, & Gilmartin B (2002) The application of analysis of variance (ANOVA) to different experimental designs in optometry. *Ophthal Physiol Opt* 22: 1-9.
6. Freese F (1984) *Statistics for land managers*. Paoeny Press, Jedburgh, Scotland.