Modelo de Regresión Lineal Múltiple para Tráfico Telefónico Rural del Perú

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Resumen

En este articulo se hace un análisis y modelado de los datos de tráfico telefónico rural del Perú, con una frecuencia anual durante el periodo 2006 hasta el 2016. Las fuentes de datos fueron tomados del Organismo Supervisor de Inversión Privada en Telecomunicaciones (OSIPTEL) y de Banco Internacional de Reconstrucción y Fomento (BIRF) …

**Palabras Clave**

Tráfico telefónico, OSIPTEL, BIRF, FITEL, MLR

# 1. Introducción

Modelado de trafico telefónico ha venido estudiándose desde … y hay varios modelos desarrollados …

Más aun es necesaria estudiar el caso rural ya que es de poco interés comercial por parte de los operadores comerciales …

Aún mas este servido es asistido por el gobierno por medio de un fondo por el gobierno desde … por programas especiales como …

Y desde entonces ha surgido un cambio en la penetración de las comunicaciones móviles en las zonas rurales donde antes no llegaba…

Los objetivos del presente articulo es determinar llegar a determinar los coeficientes de un modelo de regresión lineal múltiple o multivariable (MLR).

# 2. Telecomunicaciones rurales

All printed material, including text, illustrations, and charts, must be kept within a print area of 6-1/2 inches (16.51 cm) wide by 8-7/8 inches (22.51 cm) high. Do not write or print anything outside the print area. All *text* must be in a two-column format. Columns are to be 3-1/16 inches (7.85 cm) wide, with a 3/8 inch (0.81 cm) space between them. Text must be fully justified.

A format sheet with the margins and placement guides is available as both Word and PDF files as <format.doc> and <format.pdf>. It contains lines and boxes showing the margins and print areas. If you hold it and your printed page up to the light, you can easily check your margins to see if your print area fits within the space allowed.

# 3. Conceptos del tráfico telefónico

The main title (on the first page) should begin 1-3/8 inches (3.49 cm) from the top edge of the page, centered, and in Times 14-point, boldface type. Capitalize the first letter of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize articles, coordinate conjunctions, or prepositions (unless the title begins with such a word). Leave two 12-point blank lines after the title.

# 4. Comportamiento del tráfico telefónico

Author names and affiliations are to be centered beneath the title and printed in Times 12-point, non-boldface type. Multiple authors may be shown in a two- or three-column format, with their affiliations italicized and centered below their respective names. Include e-mail addresses if possible. Author information should be followed by two 12-point blank lines.

# 5. Indicadores de comunicaciones rurales

The second and following pages should begin 1.0 inch (2.54 cm) from the top edge. On all pages, the bottom margin should be 1-1/8 inches (2.86 cm) from the bottom edge of the page for 8.5 x 11-inch paper; for A4 paper, approximately 1-5/8 inches (4.13 cm) from the bottom edge of the page.

# 6. Indicadores de comunicaciones móviles.

Wherever Times is specified, Times Roman or Times New Roman may be used. If neither is available on your word processor, please use the font closest in appearance to Times. Avoid using bit-mapped fonts if possible. True-Type 1 fonts are preferred.

# 7. Indicadores del banco mundial

Type your main text in 10-point Times, single-spaced. Do **not** use double-spacing. All paragraphs should be indented 1/4 inch (approximately 0.5 cm). Be sure your text is fully justified—that is, flush left and flush right. Please do not place any additional blank lines between paragraphs.

**Figure and table captions** should be 10-point boldface Helvetica (or a similar sans-serif font). Callouts should be 9-point non-boldface Helvetica. Initially capitalize only the first word of each figure caption and table title. Figures and tables must be numbered separately. For example: “Figure 1. Database contexts”, “Table 1. Input data”. Figure captions are to be centered *below* the figures. Table titles are to be centered *above* the tables.

# 8. Modelado de trafico telefónico

For example, “1. Introduction”, should be Times 12-point boldface, initially capitalized, flush left, with one blank line before, and one blank line after. Use a period (“.”) after the heading number, not a colon.

## 8.1. Regresión lineal multivariable

As in this heading, they should be Times 11-point boldface, initially capitalized, flush left, with one blank line before, and one after.

**8.1.1. Distribución gausiana**

Third-order headings, as in this paragraph, are discouraged. However, if you must use them, use 10-point Times, boldface, initially capitalized, flush left, preceded by one blank line, followed by a period and your text on the same line.

# 9. Resultados

Use footnotes sparingly (or not at all) and place them at the bottom of the column on the page on which they are referenced. Use Times 8-point type, single-spaced. To help your readers, avoid using footnotes altogether and include necessary peripheral observations in the text (within parentheses, if you prefer, as in this sentence).

## **9.1.** **FWL**

# 10. References

List and number all bibliographical references in 9-point Times, single-spaced, at the end of your paper. When referenced in the text, enclose the citation number in square brackets, for example [1]. Where appropriate, include the name(s) of editors of referenced books.

[1] A.B. Smith, C.D. Jones, and E.F. Roberts, “Article Title”, *Journal*, Publisher, Location, Date, pp. 1-10.

[2] Jones, C.D., A.B. Smith, and E.F. Roberts, *Book Title*, Publisher, Location, Date.

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