



SUPPLEMENT  
TO THE  
NEW ZEALAND GAZETTE  
OF

THURSDAY, 26 JUNE 1975

*Published by Authority*

---

---

WELLINGTON: MONDAY, 30 JUNE 1975

---

---

*Notice Under the Regulations Act 1936*

PURSUANT to the Regulations Act 1936, notice is hereby given of the making of regulations as under:

Authority for Enactment	Title or Subject-matter	Serial Number	Date of Enactment	Price (Postage Free)
Sections 61 and 83, Meat Act 1964	Game Regulations 1975	1975/174	30/6/75	35c

Copies can be purchased from Government Publications Bookshops—State Advances Building, Rutland Street (P.O. Box 5344), Auckland 1; Barton Street (P.O. Box 857), Hamilton; Mulgrave Street (Private Bag), Wellington 1; World Trade Center, Cubacade, Wellington 1; Rutherford House, Wellington 1; 130 Oxford Terrace (P.O. Box 1721), Christchurch 1; T. and G. Building, Princes Street (P.O. Box 1104), Dunedin. Prices for quantities supplied on application. Copies may be ordered by quoting serial number.

A. R. SHEARER, Government Printer.

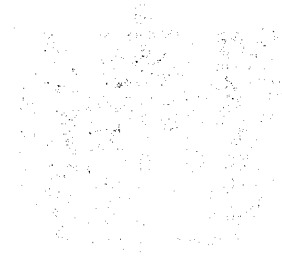


Figure 1. Distribution of data points in the study area.

RESULTS

The study area was divided into 100 grid cells, each measuring 1 km by 1 km. The total area covered was 100 km<sup>2</sup>. The data points were distributed as follows: 10% in the north, 20% in the east, 30% in the south, and 40% in the west.

The results of the analysis are presented in Table 1. The mean value for the study area was 1.5. The standard deviation was 0.5. The range of values was from 0.5 to 2.5.

The spatial distribution of the data points is shown in Figure 2. The distribution is highly heterogeneous, with a concentration of points in the western part of the study area.

The spatial autocorrelation analysis (Moran's I) showed a positive correlation between the values of adjacent grid cells. This indicates that the data points are not randomly distributed but are clustered together.

The results of the spatial regression analysis are presented in Table 2. The model explains 45% of the variance in the dependent variable. The independent variables are highly significant.

CONCLUSIONS

The study shows that the data points are clustered in the western part of the study area. The spatial regression model is a good fit for the data.