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## **Socio-dynamics by J. A. Schumpeter and the development of statistics around 1900**

### **Abstract:**

Schumpeter's socio-dynamics had generated under the influence of various ideas. And many researchers of Schumpeter have been paying attention to the Marx's revolutionary dynamics or elite theory at that time. In this paper the author emphasize the role of statistics around 1900. The development of the population dynamics and the statistics by Laplace and Quételet in the early and middle 19th century had a great influence upon economics at that time and early stage of sociology.

The author considers that Schumpeter was inspired by the development of these sciences, especially statistics by K. Pearson and Gorton, and utilized these ideas in his own social dynamics which consisted of interaction between leaders and followers.

**Keywords:** statistics, socio-dynamics, population dynamics, dyad of leader and follower