

## **ESTIMATION OF THE DYNAMICS IN ELECTORAL SUB-NETWORKS FOR ELECTION IN ALBANIA**

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### **Abstract**

The overall state of the system of the differences of vote's fraction between leader subjects and their immediate successors were considered and analysed using q-statistics. By the establishment of an inner time of opinion formation according to the level of participation in voting, we evaluate the multiracial behaviour of the system. The full Tsallis analysis is provided so far. Next we follow tow paths of q-entropy changes and evaluate the nature of dominant processes governing the dynamics. Some of the results from Albanian election have been confirmed and qualitative prognosis for incoming events were offered too. The research intend to apply interdisciplinary techniques and algorithms to conclude about the stability of the overall state, the most probable next state and other knowledge about electoral opinion formation as a specific social network where the data used are typically real, and sufficient for quantitative study.

**Keywords:** *Socio dynamics, networks, complexity, algorithm, Tsallis triplet*