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**STATISTICAL ANALYSIS OF THE
MIGRATION OF ROMANIAN HIGHLY SKILLED LABOR FORCE
USING SOCIAL NETWORKS**

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Abstract

In the era of accelerated globalization, human mobility and migration are becoming increasingly prevalent in contemporary society. Individuals, whether pursuing career goals, education, or simply exploring new experiences, show a growing openness to relocation, whether to another city or another country. Notable advancements in transportation and communication technologies have significantly influenced this trend, contributing to a more interconnected perception of the world.

This study on Romanian Twitter users (current X) implemented innovative algorithms for demographic analysis of mobility and education levels, as well as advanced facial recognition techniques and predictive models that provided relevant and meaningful results. The study opens new perspectives in understanding social behavior and characteristics of social media users, highlighting the vast potential of using this data in further research. Despite limitations, social media data represents a valuable source for exploring human mobility.

Keywords: globalization, mobility, migration, demographic relocation, education, facial recognition, predictive models, social behavior, social networks, research

Contents

INTRODUCTION	3
1.1. FUNDAMENTAL ASPECTS OF HUMAN MIGRATION	3
1.2. OBJECTIVES	7
1.3. STRUCTURE OF THE DOCTORAL THESIS	8
2. STATE OF KNOWLEDGE	11
2.1. HUMAN CAPITAL MIGRATION	11
2.1.1. <i>Migration: Definitions and Concepts from a Historical Perspective</i>	12
2.1.2. <i>The "Brain Drain" Phenomenon in the Literature</i>	16
2.2. ROMANIAN HUMAN CAPITAL MIGRATION	22
2.2.1. <i>The Context of Romanian Human Capital Migration</i>	24
2.2.2. <i>Factors and Consequences of Migration</i>	30
3. DATA COLLECTION METHODS FOR MIGRATION ANALYSIS	38
3.1. HUMAN MIGRATION RESEARCH USING CENSUS DATA	39
3.2. ALTERNATIVE DATA SOURCES FOR HUMAN MIGRATION RESEARCH	39
3.3. USING SOCIAL MEDIA AS A DATA SOURCE FOR HUMAN MIGRATION ANALYSIS	43
3.4. APPLICATION OF MODERN DATA COLLECTION METHODS FOR THE STUDY OF THE "BRAIN DRAIN" PHENOMENON	53
4. METHODS APPLIED IN DATA ANALYSIS	62
4.1. FACIAL RECOGNITION: TOOL FOR ANALYZING DEMOGRAPHIC CHARACTERISTICS	62
4.2. ARTIFICIAL NEURAL NETWORKS (ANN) FOR ESTIMATING EDUCATION LEVEL	68
4.2.1. <i>Artificial Neural Networks - A Brief Introduction</i>	69
4.2.2. <i>Artificial Neural Networks: Applicability in Social Sciences</i>	75
4.3. RELATIVE IMPORTANCE COEFFICIENT (RIC)	80
4.4. LOGISTIC REGRESSION MODELS AND STRATIFICATION METHOD FOR COMPILING PSM SCORE	82
4.4.1. <i>Logistic Model</i>	83
4.4.2. <i>Stratification Method</i>	85
4.5. DID AND PROPENSITY SCORE MATCHING FOR COMPARATIVE ANALYSIS	85
4.5.1. <i>Propensity Score Matching</i>	86
4.5.2. <i>Differences-in-Differences</i>	92
5. ANALYSIS OF HUMAN CAPITAL USING SOCIAL MEDIA DATA	95
5.1. DESCRIPTION OF THE SAMPLE BASED ON DATA AVAILABLE ON TWITTER	95
5.2. DATA ANALYSIS AND APPLICATION OF STATISTICAL MODELS	100
5.2.1. <i>Facial Recognition for Estimating Demographic Characteristics</i>	100
5.2.2. <i>Hypotheses and Variables Used in Modeling</i>	102
5.2.3. <i>Assessing Qualification Levels through Logistic Regression Models and Neural Networks</i>	104
5.2.4. <i>Relative Importance Coefficient (Ric)</i>	112
5.3. APPLICATION OF QUASI-EXPERIMENTAL METHODS OF COMPARATIVE ANALYSIS	116
5.3.1. <i>Demographic Differences That May Impact the Accuracy of Final Results</i>	117
5.3.2. <i>Matching Samples Based on PSM Score</i>	122
5.3.3. <i>Application of the DiD Method</i>	126
5.3.4. <i>Final Results</i>	129
6. CONCLUSIONS	131

BIBLIOGRAPHY	135
APPENDICES	147