Evaluating Program Efficacy: The Community Engagement Quantitative Boot Camp

Advanced Data Analysis — Sociology 392

Organization

A community service organization that provides clients with a variety of services, including: a) food pantry, b) clothing, c) student tutoring, and d) life skills training through employment readiness and financial trainings
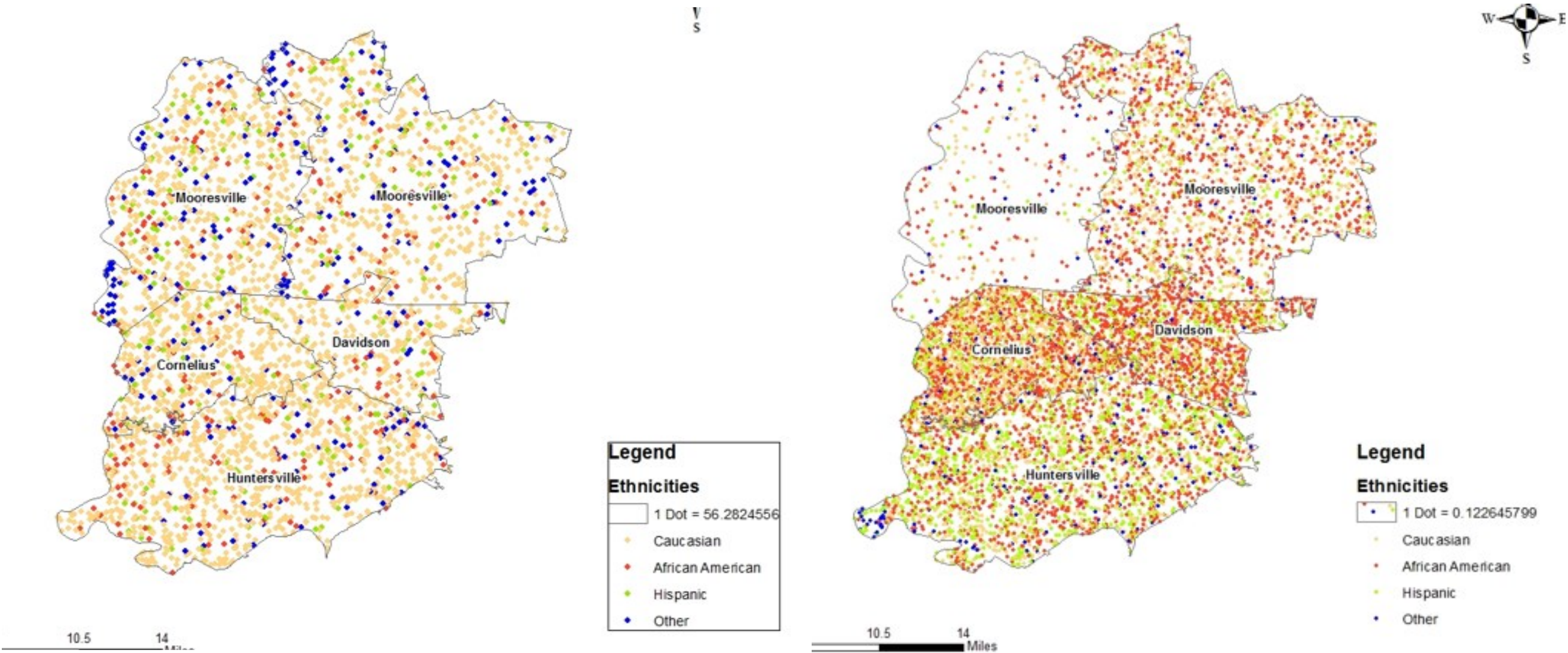
Purpose

Evaluate and analyze:
a) community demographics, b) organization client demographics, c) program effectiveness, d) particular program client strengths

Data

a) American Community Survey data
b) Client demographics for tested programs
c) Organization assessment data

Community and Clients

Clients

Gender	Freq	Percent	Community	Difference
Female	65	78.3%	48.5%	30%
Male	17	20.5%	51.5%	-31%
Income				
$0-9,999	36	43.4%	2.9%	41%
$10,000-14,999	21	25.3%	2%	23%
$15,000-24,999	12	14.5%	5.7%	9%
$25,000-49,999	12	14.5%	17.7%	-3%
Ethnicity				
African American	42	50.6%	13.5%	37%
Caucasian	22	26.5%	75.8%	-49%
Hispanic	17	20.5%	5.6%	15%
Other	1	1.2%	5.1%	-4%
Are there children in this Household?				
No	40	48.2%	70.3%	-22%
Yes	42	51.8%	29.7%	22%
Location **				
Davidson	33	39.80%		
Cornelius	24	28.90%		

Most Served

Regression Analysis: Score Improvement		
	Points	**Significance**
Mean	27.79	.000
Income Category	.180	.763
Follow-up Test	**1.042**	**.001**
Hispanic	-1.392	.497
African American	**3.757**	**.021**
Age	.077	.290
Female	**4.918**	**.014**
Being a Parent	**3.433**	**.056**
Score of Pretest	**-.659**	**.000**