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Childhood Factors and Incarceration for African American Men: How Early Life Community Experience Influences Adult Outcomes

Abigail Cobb
University of Northern Iowa, cobbaa@uni.edu

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Childhood Factors and Incarceration for African American Men: How Early Life Community Experience Influences Adult Outcomes
Abigail Cobb
University of Northern Iowa
Department of Sociology, Anthropology, and Criminology

Abstract
There is a dearth of research that analyzes childhood influence on adult incarceration, and an associated lack of emphasis on the relationship between childhood poverty, lack of educational attainment, and family structure on criminality among African American men – a population wherein individuals are both incarcerated and generally socioeconomically disadvantaged at disproportionately higher rates. Consistent with the recent demand for criminal justice reform, the need for systematic research pertaining to tendencies in criminality has become apparent. Resulting from secondhand statistical data analysis on aggregate state factors such as childhood familial conditions, the relationship between poverty, lack of education, and incarceration has become apparent. Using SPSS, a bivariate analysis of the data tables was run to find the correlation coefficients of the relationships between and within the independent variables and dependent variable.

High School Dropout
- Factors that encourage high school completion and discourage school dropout, such as two-parent households and stable family socio-economic status, are among the factors that disadvantage the African American population the most (Kao and Thompson 2003, Merlo and Wolsin 2009).
- Low educational attainment has been shown to be linked to propensity to crime. In 2012 more than one-third of young African American men without a high school diploma were incarcerated on any given day (Pettit and Sykes 2015).

Childhood Poverty
- Poverty is a risk factor for participation in criminal behavior. The black community pays at the lower end of income distribution in the United States, which happens to be the statistical location that puts youth at a greater risk of being involved in serious crime (Holzer et al. 2008).
- Many studies are in agreement that much of the crime that is committed by impoverished people is a result of seeking illegitimate means to support themselves or to support their family members (Kendig, Mattlingly and Bianchi 2014, Holzer et al. 2008).

Single-Mother Households
- Since the 1960s the percentage of children living with single parents has increased from nine-percent, to 28-percent in 2012 (Amato, Patterson, Beattie 2015). Among the groups disproportionately affected are African American children who experience the highest percentage of those living in homes with single parents.

Hypotheses
1. States with high rates of high school drop out will exhibit higher rates of incarceration among African American adults compared to states with low rates of high school drop out.
2. States with high rates of childhood poverty will exhibit higher rates of incarceration among African American adults compared to states with low rates of childhood poverty.
3. States with high rates of single-parent households will exhibit higher rates of incarceration among African American adults compared to states with low rates of single-parent households.

Findings
Table 1. Descriptive Statistics for Study Variables (N=50)

<table>
<thead>
<tr>
<th>Variable</th>
<th>Range</th>
<th>M</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUBLIC HIGH SCHOOL DROP OUT RATE 2007</td>
<td>2 - 7.6</td>
<td>4.28</td>
<td>1.573</td>
</tr>
<tr>
<td>% CHILDREN LIVING IN POVERTY 2008</td>
<td>9 - 30.4</td>
<td>17.298</td>
<td>4.827</td>
</tr>
<tr>
<td>% HOUSEHOLDS HEADED SINGLE MOTHERS 2008</td>
<td>5.4 - 10.4</td>
<td>7.092</td>
<td>1.068</td>
</tr>
<tr>
<td>AFRICAN AMERICAN MALE INCARCERATION RATE 2010</td>
<td>1032 - 7360</td>
<td>2606.06</td>
<td>1030.839</td>
</tr>
</tbody>
</table>

At the significance level of 0.05, there are three statistically significant relationships between the variables provided in the chart:
- Most notably, the positive correlation of 0.48 between state percentages of households headed by single mothers and rate of African American male incarceration provides initial support for the third hypothesis. This indicates that states with high percentages of households headed by single mothers also exhibit higher rates of African American incarceration.
- The most highly correlated relationship is found between two of the identified independent variables: state percentage of poverty and state percentages of single mother households, which is at .000. This relationship can largely be attributed to the lower average income of single parent (especially single mother) households, as there is typically one source of household income as compared to two potential sources when there are two parents present in one household.
- The second-most significant relationship is again between the two identified independent variables: state percentages of single mother households and state public high school dropout rate, which provided a p-value of .029.

References