## The Effects of Tribal Governments on Reservation Poverty Rates

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#### Interests

- Previous research lacking information of Tribal Governments
- Poverty Rates are much higher than National Average 15.3% (ACS 2010)
- Personal and first hand experience
  - Living on a reservation

## **Brief History**

#### Dawes Act 1887

- Allotment
- **IRA** 1934
  - Tribal Governments
- IGRA 1988
  - Gaming Operations

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#### Literature

- Federal Register
- Douglas Kachel– Beginning of Indian Gaming
- W. Dale Mason Indian Gaming
- Robin M. Leichenko Income and Location
- Duane Champagne Self–Determination
- David E. Wilkins and Heidi Kiiwetinepinesiik Stark
  - 3 Broad Categories

- Original
- Transitional Constitutional
- Contemporary Constitutional

#### Literature

- Ferry L. Anderson and Dominic P. Parker
  - "because this *poverty* cannot be explained solely by natural resource, physical, and human capital constraints, institutions are likely to be a part of the explanation"

#### United States Reservation Block Groups and Poverty Rates



Red is Indian Reservations

Blue is non-metro block groups with 20% or higher poverty rates

## Indian Gaming

- Regulated by IGRA 1988 and NIGC
- National Indian Gaming Commission (NIGC) is funded by revenues from casinos
- 40% or 220 of 565 Tribes have one or more operations.
- Revenues from casinos help boost development on reservations
- Unemployment Rates
- Poverty



## Hypotheses

- In a comparison of tribal governments those with systems that are IRA formed have higher poverty rates than those governments enacting a more traditional system of government.
- In a comparison of Tribal governments those governments who have members that have attained a higher education have increased the overall per capita income on the reservation than those who have not attained a higher education.

## Hypotheses Cont'd

In a comparison of Tribal governments, the government system with a higher unemployment rate are most likely not to have a gaming industry on their reservation than those that do have gaming industries.

## Methodology

- American Community Survey 2010 United States Census Bureau
- The Native American Constitutional and Law Digitization Project
- Tiller's Guide to Indian Country
  - 1<sup>st</sup> Edition Published 1996
  - 2<sup>nd</sup> Edition Published 2006
    - Demographics

- Land Area
- Enrollment and Population
- Types of Government Systems

#### Methods

- Units of Analysis
  - Federally Recognized Tribal Governments 565
- Independent Variable
  - Systems of Government
  - Gaming Operations
  - Education
- Dependent Variables
  - Poverty Rates
  - Per Capita Income
  - Unemployment Rates

#### Findings- Political Systems



#### Political Systems – 3 Categories



#### HS Ed and Per Capita Income

|   | IRA<br>Mean                      | Traditional<br>Mean                  | Mean<br>Difference                       | Significance                  |
|---|----------------------------------|--------------------------------------|--|-------------------------------|
| High School<br>Education or<br>Higher                             | 72.18                            | 67.99                                | -4.19                                    | .149                          |
| Per Capita<br>Income '06  | 16554.35                         | 19288.89                             | 285.13                                   | .878                          |
| Per Capita<br>Income '96  | 12436.06                         | 12721.19                             | 2734.54                                  | .078                          |
|   |                                  |                                      |  |                               |
|   | IRA<br>Mean                      | Council<br>Mean                      | Mean<br>Difference                       | Significance                  |
| High School<br>Education or<br>Higher                             | IRA<br>Mean<br>72.18             | Council<br>Mean<br>61.34             | Mean<br>Difference<br>-10.85             | Significance<br>.004*         |
| High School<br>Education or<br>Higher<br>Per Capita<br>Income '06 | IRA<br>Mean<br>72.18<br>16554.35 | Council<br>Mean<br>61.34<br>14413.29 | Mean<br>Difference<br>-10.85<br>-2141.06 | Significance<br>.004*<br>.609 |

\*Significance= P<.05

#### HS Ed and Per Capita Income



## **Unemployment and Gaming**



#### Conclusion

- IRA systems higher poverty rate than Traditional systems
- Reservations that have a traditional government system have a higher graduation rate than that of a IRA system of government
- Reservations with gaming industries have a higher unemployment rate than the reservations that do have a gaming industry

# QUESTIONS??