Amanda Conley
Soc 211
Research Assignment #5

1)

a/b. American Indians have less health care coverage than their counterparts.

c. Because American Indians have a separate, treaty-based health care system, that is a fund and not health coverage, American Indians are less likely to possess health coverage. Qualitative research has looked at obstacles to health coverage as potentially being: beliefs that participation in health coverage outside of the Indian Health Service will lead to its abolishment, that American Indians do not want to be assimilated into mainstream society and/or mainstream health care, and/or that health care coverage systems pose unique obstacles for American Indians living in Indian Country, such as access to enrollment and transportation barriers.

2)

a.

```
 any health insurance coverage |      Freq.     Percent        Cum.
-------------------------------+----------------------------------
   no health insurance coverage |  1,465,829        9.30        9.30
with health insurance coverage | 14,293,108       90.70      100.00
-------------------------------+----------------------------------
                         Total | 15,758,937      100.00
```

b/c/d. These are in the accompanying .do and log files.

e.

Table 1: Multiple Regression Model

	OLS	MLE
main		
amerind	1.092***	2.136***
	(0.001)	(0.010)
R^2	0.011	
Adjusted R^2	0.011	
BIC	5.6e+06	9.6e+06
Observations	15758937	15758937

Exponentiated coefficients; Standard errors in parentheses
$^* p < 0.05$, $^{**} p < 0.01$, $^{***} p < 0.001$

3.

A. For American Indians, the odds of not having health coverage increase by a factor of 2.14.

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B. The results support my hypothesis. I think a basic check on percentages would show that American Indians are twice as likely to not have health insurance than people who are not American Indian, from what I recall from looking at the crosstabs.

C. No, I didn't find anything surprising, though it was interesting.

D. I think the MLE model actually describes the differences in health coverage better and the standard errors are smaller for the MLE model as well.