For this assignment you will put together an analysis that uses information from the General Social Survey to explore the relationship between select respondent characteristics and gun ownership. The following questions guide the analysis:

1. Are men more likely than women to own guns?
2. Are people who have high incomes more likely to own guns?
3. Are people living in the south more likely to own guns than other regions?
4. Are people who have been victimized more likely to own guns?
5. Are people with positive attitudes towards violence more likely to own guns?

For the report you will provide the following.

1. List the research questions
2. Describe the General Social Survey (what is it, what is the sample method)
3. Describe your GSS variable choices (how did you operationalize the Independent and dependent variables in each of your questions – choose at least one of the victimization variables and one of the attitudes toward violence questions)
4. Prepare frequency and crosstab tables for all your independent and dependent variables.
5. Discuss the frequency tables followed by the crosstab tables (with Chi-square significance test)
6. Identify limitations.
7. Provide a conclusion

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| **Table 1 ever punched or beaten by another person** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | yes | 2584 | 36.1 | 36.2 | 36.2 |
| no | 4562 | 63.8 | 63.8 | 100.0 |
| Total | 7146 | 99.9 | 100.0 |  |
| Missing | don't know | 1 | .0 |  |  |
| no answer | 5 | .1 |  |  |
| Total | 6 | .1 |  |  |
| Total | | 7152 | 100.0 |  |  |

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| **Table 2 have gun in home** | | | | | |
|  | | Frequency | Percent | Valid Percent | Cumulative Percent |
| Valid | yes | 3173 | 44.4 | 44.7 | 44.7 |
| no | 3922 | 54.8 | 55.3 | 100.0 |
| Total | 7095 | 99.2 | 100.0 |  |
| Missing | refused | 33 | .5 |  |  |
| don't know | 2 | .0 |  |  |
| no answer | 22 | .3 |  |  |
| Total | 57 | .8 |  |  |
| Total | | 7152 | 100.0 |  |  |

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| **Table 3 respondents sex** | | | |
|  | | Frequency | Percent |
| Missing | male | 3044 | 42.6 |
| 2 | 4108 | 57.4 |
| Total | 7152 | 100.0 |

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| **table 4 approve of violence** | | | |
|  | | Frequency | Valid Percent |
| Valid | yes | 5896 | 84.0 |
| no | 1125 | 16.0 |
| Total | 7021 | 100.0 |

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| **table 5 region** | | | | |
|  | | Frequency | Valid Percent |  |
| Valid | 1.00 | 1382 | 19.3 | 19.3 |
| 2.00 | 1982 | 27.7 | 47.0 |
| 3.00 | 2469 | 34.5 | 81.6 |
| 4.00 | 1319 | 18.4 | 100.0 |
| Total | 7152 | 100.0 |  |

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| **table 6 income** | | | |
|  | | Frequency | Valid Percent |
| Valid | 1000-5999 | 780 | 11.4 |
| 6000-14999 | 649 | 9.5 |
| 15000-24999 | 1595 | 23.4 |
| 25000-or more | 3789 | 55.6 |
| Total | 6813 | 100.0 |

**have gun in home \* income2**

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| **Table 1 income** | | | | | | | |
|  | | | income2 | | | | Total |
| 1000-5999 | 6000-14999 | 15000-24999 | 25000-or more |
| have gun in home | yes |  | 214 | 220 | 675 | 1939 | 3048 |
| % within income2 | 27.5% | 34.1% | 42.5% | 51.7% | 45.1% |
| no |  | 564 | 425 | 914 | 1813 | 3716 |
| % within income2 | 72.5% | 65.9% | 57.5% | 48.3% | 54.9% |
| Total | |  | 778 | 645 | 1589 | 3752 | 6764 |
| % within income2 | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

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| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 198.757 | 3 | <.001 |

**have gun in home \* 1'northeast' 2' north central' 3' south' 4 Mount-pac'.**

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| **Table 2 have gun in home** | | | | | | | |
|  | | |  | | | | Total |
| 1.00 | 2.00 | 3.00 | 4.00 |
| have gun in home | yes |  | 405 | 905 | 1283 | 580 | 3173 |
| % within 1'northeast' 2' north central' 3' south' 4 Mount-pac'. | 29.4% | 46.0% | 52.4% | 44.6% | 44.7% |
| no |  | 973 | 1061 | 1167 | 721 | 3922 |
| % within 1'northeast' 2' north central' 3' south' 4 Mount-pac'. | 70.6% | 54.0% | 47.6% | 55.4% | 55.3% |
| Total | |  | 1378 | 1966 | 2450 | 1301 | 7095 |
| % within 1'northeast' 2' north central' 3' south' 4 Mount-pac'. | 100.0% | 100.0% | 100.0% | 100.0% | 100.0% |

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| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 190.328 | 3 | <.001 |

**have gun in home \* ever punched or beaten by another person**

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| **Table 3 ever punched or beaten** | | | | | |
|  | | |  | | Total |
| yes | no |
| have gun in home | yes |  | 1189 | 1983 | 3172 |
| % within ever punched or beaten by another person | 46.4% | 43.8% | 44.7% |
| no |  | 1374 | 2545 | 3919 |
| % within ever punched or beaten by another person | 53.6% | 56.2% | 55.3% |
| Total | |  | 2563 | 4528 | 7091 |
| % within ever punched or beaten by another person | 100.0% | 100.0% | 100.0% |

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| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 4.464 | 1 | .035 |

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| **have gun in home \* Are there any situation that you can imagine in which you would approve of a man punching an adult male stranger?**  **Table 4 punching an adult male stranger** | | | | | |
|  | | |  | | Total |
| yes | no |
| have gun in home | yes |  | 2692 | 432 | 3124 |
|  | 46.0% | 38.7% | 44.9% |
| no |  | 3156 | 685 | 3841 |
|  | 54.0% | 61.3% | 55.1% |
| Total | |  | 5848 | 1117 | 6965 |
|  | 100.0% | 100.0% | 100.0% |

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| **Chi-Square Tests** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 20.527 | 1 | <.001 |

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| **table 5 gender ownership** | | | | | |
|  | | | SEX | | Total |
| male | female |
| OWNGUN | yes |  | 1595 | 1578 | 3173 |
|  | 52.9% | 38.7% | 44.7% |
| no |  | 1422 | 2500 | 3922 |
|  | 47.1% | 61.3% | 55.3% |
| Total | |  | 3017 | 4078 | 7095 |
|  | 100.0% | 100.0% | 100.0% |

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| **table 5 chi square test** | | | |
|  | Value | df | Asymptotic Significance (2-sided) |
| Pearson Chi-Square | 140.876a | 1 | <.001 |
| a. 0 cells (0.0%) have expected count less than 5. The minimum expected count is 1349.25. | | | |