

Table 4. One-way ANOVA Results for Comparison of Means, by Demographic Characteristic

| Demographic variable and deterrence measure   | ANOVA statistics |                       |                        |           |
|---|------------------|-----------------------|------------------------|-----------|
|   | <i>df</i>        | <i>SS<sub>B</sub></i> | <i>MSE<sub>B</sub></i> | <i>F</i>  |
| <b>Age</b>  |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 8                | 26.484                | 3.311                  | 1.857     |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 8                | 8.323                 | 1.040                  | 1.209     |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 8                | 28.943                | 3.618                  | 1.986 *   |
| A person charged with a gun crime being convicted in STATE court.   | 8                | 14.557                | 1.820                  | 1.793     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 8                | 18.852                | 2.357                  | 2.448 *   |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 8                | 72.193                | 9.024                  | 10.726 ** |
| A person convicted of a gun crime receiving a long prison sentence.   | 8                | 19.707                | 2.463                  | 1.374     |
| <b>Gender</b>   |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 1                | 3.449                 | 3.449                  | 1.917     |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 1                | 6.762                 | 6.762                  | 7.935 **  |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 1                | 0.107                 | 0.107                  | 0.058     |
| A person charged with a gun crime being convicted in STATE court.   | 1                | 3.089                 | 3.089                  | 3.012     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 1                | 3.675                 | 3.675                  | 3.762     |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 1                | 0.006                 | 0.006                  | 0.007     |
| A person convicted of a gun crime receiving a long prison sentence.   | 1                | 18.374                | 18.374                 | 10.390 ** |
| <b>Race/ethnicity</b>   |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 5                | 23.755                | 4.751                  | 2.667 *   |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 5                | 1.529                 | 0.306                  | 0.359     |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 5                | 12.600                | 2.520                  | 1.376     |
| A person charged with a gun crime being convicted in STATE court.   | 5                | 8.822                 | 1.764                  | 1.737     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 5                | 8.328                 | 1.666                  | 1.694     |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 5                | 37.246                | 7.449                  | 8.227 **  |
| A person convicted of a gun crime receiving a long prison sentence.   | 5                | 7.749                 | 1.550                  | 0.864     |
| <b>Education</b>  |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 4                | 38.790                | 9.697                  | 5.580 **  |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 4                | 1.383                 | 0.346                  | 0.396     |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 4                | 1.524                 | 0.381                  | 0.205     |
| A person charged with a gun crime being convicted in STATE court.   | 4                | 2.717                 | 0.679                  | 0.655     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 4                | 1.927                 | 0.482                  | 0.486     |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 4                | 20.919                | 5.230                  | 5.636 **  |
| A person convicted of a gun crime receiving a long prison sentence.   | 4                | 2.251                 | 0.563                  | 0.313     |
| <b>Income</b>   |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 4                | 18.939                | 4.735                  | 2.689 *   |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 4                | 1.392                 | 0.348                  | 0.401     |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 4                | 30.490                | 7.623                  | 4.394 **  |
| A person charged with a gun crime being convicted in STATE court.   | 4                | 2.539                 | 0.635                  | 0.645     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 4                | 5.354                 | 1.338                  | 1.314     |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 4                | 22.553                | 5.638                  | 6.534 **  |
| A person convicted of a gun crime receiving a long prison sentence.   | 4                | 25.415                | 6.354                  | 3.689 **  |
| <b>Work status</b>  |                  |                       |                        |           |
| A person carrying a gun illegally getting caught by authorities.  | 2                | 13.062                | 6.531                  | 3.654 **  |
| A person caught committing a gun crime getting prosecuted for that offense.                                     | 2                | 0.064                 | 0.032                  | 0.037     |
| A person caught committing a crime with a gun being prosecuted swiftly.   | 2                | 9.627                 | 4.814                  | 2.619     |
| A person charged with a gun crime being convicted in STATE court.   | 2                | 1.916                 | 0.958                  | 0.932     |
| A person charged with a gun crime being convicted in FEDERAL court.   | 2                | 2.757                 | 1.379                  | 1.403     |
| A prosecutor allowing a gun offender to plead guilty to a less serious offense in order to secure a conviction. | 2                | 21.836                | 10.918                 | 11.765 ** |
| A person convicted of a gun crime receiving a long prison sentence.   | 2                | 17.512                | 8.756                  | 4.928 **  |

<sub>B</sub> = between groups.

\*  $p < .05$       \*\*  $p < .01$