# Results

## Descriptives

Descriptives

| | soc1a |
|---|---|
| N | 303 |
| Mean | 37.038 |
| Median | 36.300 |
| Standard deviation | 11.727 |
| Minimum | 18.100 |
| Maximum | 72.900 |

## Descriptives

### Frequencies

Frequencies of spect

| spect | Counts | % of Total | Cumulative % |
|---|---|---|---|
| 1 | 97 | 32.0 % | 32.0 % |
| 2 | 206 | 68.0 % | 100.0 % |

## Independent Samples T-Test

Independent Samples T-Test

| | | Statistic | df | p |
|---|---|---|---|---|
| soc1a | Student's t | -0.054 | 301.000 | 0.957 |
| | Mann-Whitney U | 9885.500 | | 0.883 |
| madrs11 | Student's t | 1.978 | 301.000 | 0.049 |
| | Mann-Whitney U | 8467.500 | | 0.032 |
| gad8 | Student's t | 1.731 | 301.000 | 0.085 |
| | Mann-Whitney U | 8881.000 | | 0.118 |
| Nico | Student's t | -0.028 | 301.000 | 0.978 |
| | Mann-Whitney U | 9634.000 | | 0.495 |
| Alc | Student's t | 2.830 [a] | 301.000 | 0.005 |
| | Mann-Whitney U | 8102.000 | | 0.007 |

*Note.* $H_a\ \mu_1 \neq \mu_2$

[a] Levene's test is significant ($p < .05$), suggesting a violation of the assumption of equal variances

## Assumptions

Homogeneity of Variances Tests

| | | F | df | df2 | p |
|---|---|---|---|---|---|
| soc1a | Levene's | 0.202 | 1 | 301 | 0.653 |
| | Variance ratio | 0.893 | 96 | 205 | 0.535 |
| madrs11 | Levene's | 0.011 | 1 | 301 | 0.916 |
| | Variance ratio | 0.985 | 96 | 205 | 0.950 |
| gad8 | Levene's | 3.371 | 1 | 301 | 0.067 |
| | Variance ratio | 0.797 | 96 | 205 | 0.210 |
| Nico | Levene's | 0.112 | 1 | 301 | 0.738 |
| | Variance ratio | 0.784 | 96 | 205 | 0.178 |
| Alc | Levene's | 9.318 | 1 | 301 | 0.002 |
| | Variance ratio | 1.627 | 96 | 205 | 0.004 |

*Note.* Additional results provided by *moretests*

Tests of Normality

| | | statistic | p |
|---|---|---|---|
| soc1a | Shapiro-Wilk | 0.968 | < .001 |
| | Kolmogorov-Smirnov | 0.062 | 0.198 |
| | Anderson-Darling | 2.145 | < .001 |
| madrs11 | Shapiro-Wilk | 0.992 | 0.123 |
| | Kolmogorov-Smirnov | 0.040 | 0.713 |
| | Anderson-Darling | 0.437 | 0.294 |
| gad8 | Shapiro-Wilk | 0.951 | < .001 |
| | Kolmogorov-Smirnov | 0.122 | < .001 |
| | Anderson-Darling | 4.520 | < .001 |
| Nico | Shapiro-Wilk | 0.457 | < .001 |
| | Kolmogorov-Smirnov | 0.426 | < .001 |
| | Anderson-Darling | 73.509 | < .001 |
| Alc | Shapiro-Wilk | 0.789 | < .001 |
| | Kolmogorov-Smirnov | 0.198 | < .001 |
| | Anderson-Darling | 20.892 | < .001 |

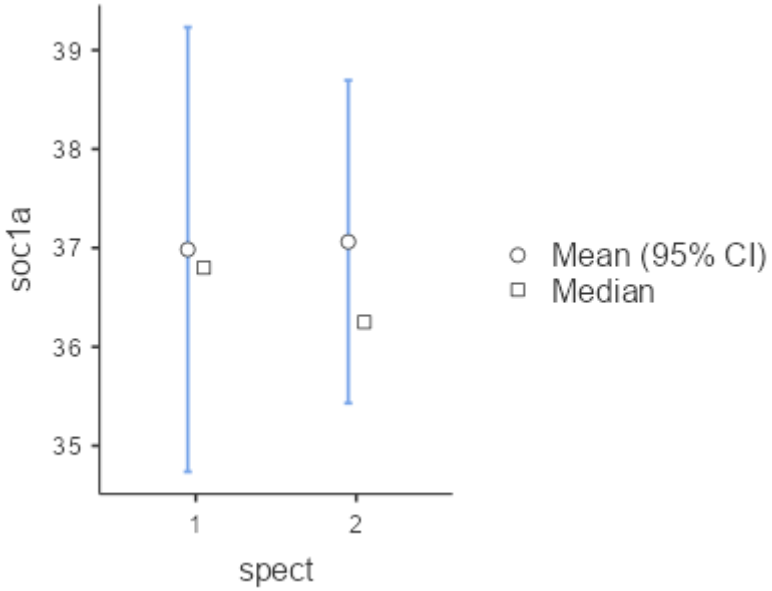
*Note.* Additional results provided by *moretests*

Group Descriptives

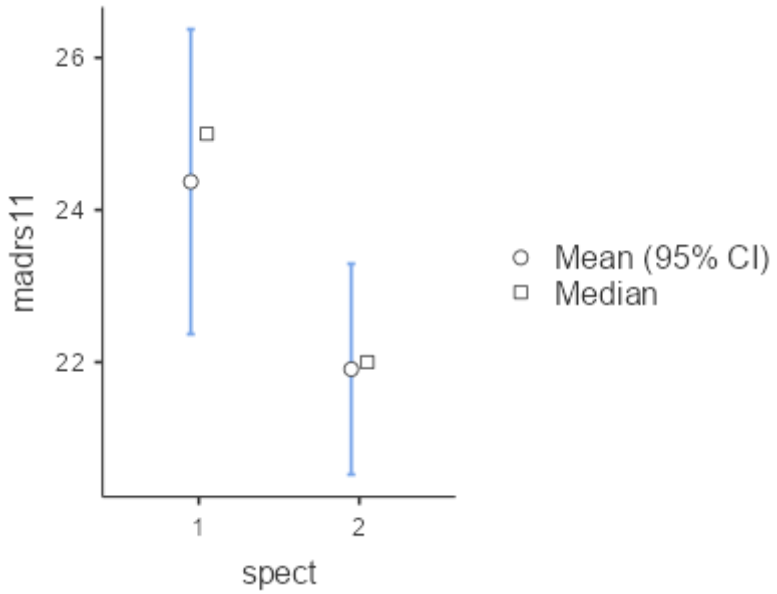
| | Group | N | Mean | Median | SD | SE |
|---|---|---|---|---|---|---|
| soc1a | 1 | 97 | 36.985 | 36.800 | 11.294 | 1.147 |
| | 2 | 206 | 37.063 | 36.250 | 11.953 | 0.833 |
| madrs11 | 1 | 97 | 24.371 | 25.000 | 10.065 | 1.022 |
| | 2 | 206 | 21.908 | 22.000 | 10.139 | 0.706 |
| gad8 | 1 | 97 | 13.856 | 14.000 | 4.800 | 0.487 |
| | 2 | 206 | 12.748 | 14.000 | 5.376 | 0.375 |
| Nico | 1 | 97 | 2.753 | 0.000 | 6.408 | 0.651 |
| | 2 | 206 | 2.777 | 0.000 | 7.238 | 0.504 |
| Alc | 1 | 97 | 7.938 | 5.000 | 9.185 | 0.933 |
| | 2 | 206 | 5.189 | 2.500 | 7.200 | 0.502 |

## Plots

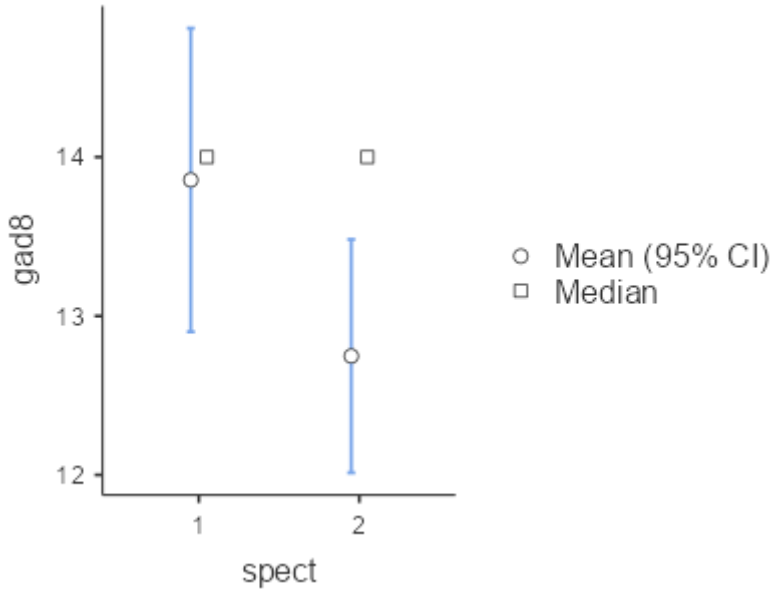
**soc1a**



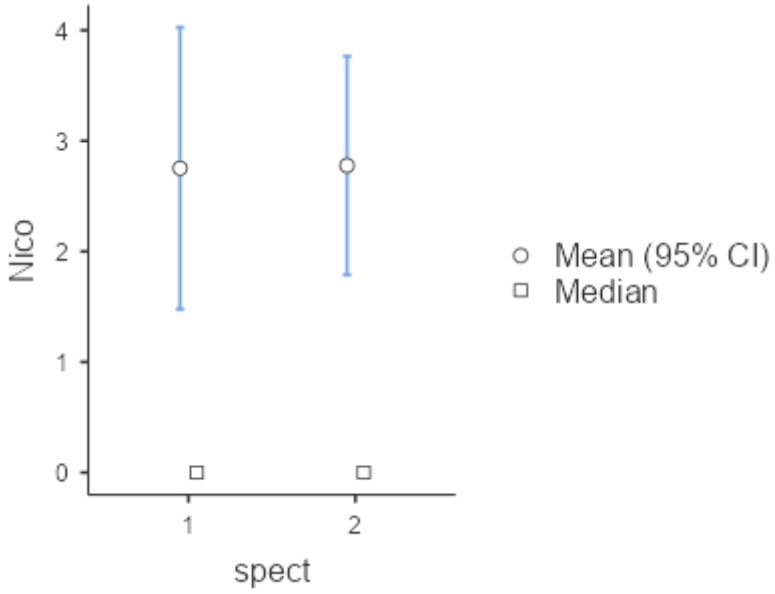

**madrs11**


26
24
22
madrs11
1
2
spect
Mean (95% CI)
Median

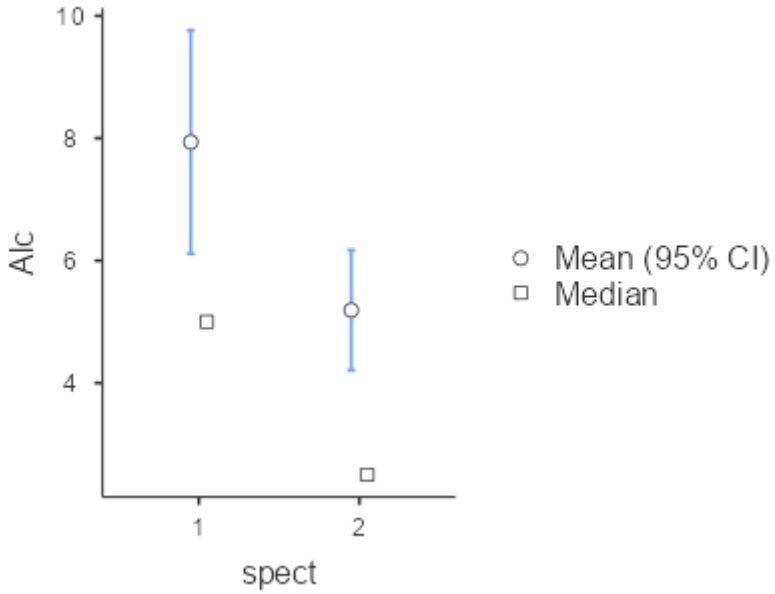
**gad8**


14
13
12
gad8
1
2
spect
Mean (95% CI)
Median

**Nico**




**Alc**




## Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc2** | | **1** | **2** | **Total** |
| 0 | Observed | 16 | 32 | 48 |
| | % within column | 16.5 % | 15.5 % | 15.8 % |
| 1 | Observed | 81 | 174 | 255 |
| | % within column | 83.5 % | 84.5 % | 84.2 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | Value | df | p |
|---|---|---|---|
| $\chi^2$ | 0.046 | 1 | 0.831 |
| N | 303 | | |

## Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc3** | | **1** | **2** | **Total** |
| 0 | Observed | 42 | 75 | 117 |
| | % within column | 43.3 % | 36.4 % | 38.6 % |
| 1 | Observed | 20 | 48 | 68 |
| | % within column | 20.6 % | 23.3 % | 22.4 % |
| 2 | Observed | 11 | 24 | 35 |
| | % within column | 11.3 % | 11.7 % | 11.6 % |
| 3 | Observed | 24 | 59 | 83 |
| | % within column | 24.7 % | 28.6 % | 27.4 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | Value | df | p |
|---|---|---|---|
| $\chi^2$ | 1.394 | 3 | 0.707 |
| $\chi^2$ continuity correction | 1.394 | 3 | 0.707 |
| N | 303 | | |

## Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc4** | | **1** | **2** | **Total** |
| 0 | Observed | 54 | 109 | 163 |
| | % within column | 55.7 % | 52.9 % | 53.8 % |
| 1 | Observed | 43 | 97 | 140 |
| | % within column | 44.3 % | 47.1 % | 46.2 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | **Value** | **df** | **p** |
|---|---|---|---|
| $\chi^2$ | 0.202 | 1 | 0.653 |
| N | 303 | | |

## Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc5** | | **1** | **2** | **Total** |
| 0 | Observed | 29 | 74 | 103 |
| | % within column | 29.9 % | 35.9 % | 34.0 % |
| 1 | Observed | 13 | 29 | 42 |
| | % within column | 13.4 % | 14.1 % | 13.9 % |
| 2 | Observed | 12 | 10 | 22 |
| | % within column | 12.4 % | 4.9 % | 7.3 % |
| 3 | Observed | 43 | 93 | 136 |
| | % within column | 44.3 % | 45.1 % | 44.9 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | **Value** | **df** | **p** |
|---|---|---|---|
| $\chi^2$ | 5.868 | 3 | 0.118 |
| $\chi^2$ continuity correction | 5.868 | 3 | 0.118 |
| N | 303 | | |

# Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc6** | | **1** | **2** | **Total** |
| 0 | Observed | 72 | 162 | 234 |
| | % within column | 74.2 % | 78.6 % | 77.2 % |
| 1 | Observed | 20 | 28 | 48 |
| | % within column | 20.6 % | 13.6 % | 15.8 % |
| 2 | Observed | 5 | 16 | 21 |
| | % within column | 5.2 % | 7.8 % | 6.9 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | **Value** | **df** | **p** |
|---|---|---|---|
| $\chi^2$ | 2.871 | 2 | 0.238 |
| $\chi^2$ continuity correction | 2.871 | 2 | 0.238 |
| N | 303 | | |

# Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc7** | | **1** | **2** | **Total** |
| 0 | Observed | 36 | 64 | 100 |
| | % within column | 37.1 % | 31.1 % | 33.0 % |
| 1 | Observed | 12 | 32 | 44 |
| | % within column | 12.4 % | 15.5 % | 14.5 % |
| 2 | Observed | 49 | 106 | 155 |
| | % within column | 50.5 % | 51.5 % | 51.2 % |
| 3 | Observed | 0 | 4 | 4 |
| | % within column | 0.0 % | 1.9 % | 1.3 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | Value | df | p |
|---|---|---|---|
| $\chi^2$ | 3.079 | 3 | 0.380 |
| $\chi^2$ continuity correction | 3.079 | 3 | 0.380 |
| Fisher's exact test | | | 0.459 |
| N | 303 | | |

Nominal

| | Value |
|---|---|
| Phi-coefficient | NaN |
| Cramer's V | 0.101 |

## Contingency Tables

Contingency Tables

| | | spect | | |
|---|---|---|---|---|
| **soc8** | | **1** | **2** | **Total** |
| 0 | Observed | 55 | 131 | 186 |
| | % within column | 56.7 % | 63.6 % | 61.4 % |
| 1 | Observed | 31 | 56 | 87 |
| | % within column | 32.0 % | 27.2 % | 28.7 % |
| 2 | Observed | 10 | 8 | 18 |
| | % within column | 10.3 % | 3.9 % | 5.9 % |
| 3 | Observed | 1 | 11 | 12 |
| | % within column | 1.0 % | 5.3 % | 4.0 % |
| Total | Observed | 97 | 206 | 303 |
| | % within column | 100.0 % | 100.0 % | 100.0 % |

$\chi^2$ Tests

| | Value | df | p |
|---|---|---|---|
| $\chi^2$ | 8.709 | 3 | 0.033 |
| $\chi^2$ continuity correction | 8.709 | 3 | 0.033 |
| Fisher's exact test | | | 0.034 |
| N | 303 | | |