Table 1
*Means and Standard Deviations of Demographic and Main Study Variables (N = 211)*

|  | Female Student-Athletes n = 85 | Female Students n = 65 | Male Student-Athletes n = 71 |
|---|---|---|---|
| BMI | $M = 23.28_a$ | $M = 24.05_a$ | $M = 27.83_a$ |
|  | $SD = 3.36$ | $SD = 3.62$ | $SD = 5.78$ |
| GPA | $M = 3.34_b$ | $M = 3.34_b$ | $M = 2.87_b$ |
|  | $SD = 0.46$ | $SD = 0.45$ | $SD = 0.74$ |
| DMS | $M = 33.93_c$ | $M = 28.54_c$ | $M = 47.66_c$ |
|  | $SD = 11.12$ | $SD = 8.31$ | $SD = 14.74$ |

Note: BMI = Body Mass Index (normal range = 18.00 to 24.99; overweight range = 25.00 to 29.99); GPA = Grade Point Average (scale range = 0.00 to 4.00); DMS = Drive for Muscularity Scale (scale range = 15 to 90).
[a] = Male student-athletes reported significantly higher levels of BMI (p < .001) than both female students and female student-athletes.
[b] = Female students and female student-athletes reported a significantly higher GPA (p < .001) than male-student-athletes.
[c] = Male student-athletes reported significantly higher levels of DMS (p < .001) than both female students and female student-athletes, and female student-athletes reported significantly higher levels of DMS (p = .016) than female students.

Table 2

*Number and Frequency of Participants' Responses to Question, "If applicable, why do you want to be muscular?"*

| | | INTERNAL GRATIFICATION | | EXTERNAL GRATIFICATION | | HEALTH | | FUNCTION | | I DO NOT | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | no | yes | no | yes | no | yes | no | yes | no | yes |
| Female Student-Athletes | Number | 70 | 15 | $67_a$ | $18_a$ | $49_b$ | $36_b$ | 47 | 38 | $71_c$ | $14_c$ |
| | Frequency | 82.4% | 17.6% | 78.8% | 21.2% | 57.6% | 42.4% | 55.3% | 44.7% | 83.5% | 16.5% |
| Female Students | Number | 51 | 14 | $54_a$ | $11_a$ | $33_b$ | $32_b$ | 38 | 27 | $50_c$ | $15_c$ |
| | Frequency | 78.5% | 21.5% | 83.1% | 16.9% | 50.8% | 49.2% | 58.5% | 41.5% | 76.9% | 23.1% |
| Male Student-Athletes | Number | 65 | 6 | $42_a$ | $29_a$ | $64_b$ | $7_b$ | 30 | 41 | $71_c$ | $0_c$ |
| | Frequency | 91.5% | 8.5% | 59.2% | 40.8% | 90.1% | 9.9% | 42.3% | 57.7% | 100.0% | 0.0% |
| Total | Number | 186 | 35 | 163 | 58 | 146 | 75 | 115 | 106 | 192 | 29 |
| | Frequency | 84.2% | 15.8% | 73.8% | 26.2% | 66.1% | 33.9% | 52.0% | 48.0% | 86.9% | 13.1% |

*Note*: Chi-square analyses indicated that differences between groups for *External Gratification*, *Health*, and *I Don't Want To Be Muscular* categories were statistically significant at the *p* < .01 level.

$_a = \chi^2(2, N = 211) = 11.865, p = 003$; $_b = \chi^2(2, N = 211) = 27.826, p < 001$; $_c = \chi^2(2, N = 211) = 17.210, p < 001$.