**Appendix 3**

**Mean Walking Speed by Definition of FNIH Definition of Weakness**

|  |  |  |
| --- | --- | --- |
|  | **GS Definition** | **GS:BMI Definition** |
|  | **Present** | **Absent** | **p-value** | **Present** | **Absent** | **p-value** |
|  |  |  |  |  |  |  |
| **Overall** | 2.00 (0.85) | 2.52 (0.84) | <.001 | 2.06 (0.82) | 2.53 (0.84) | <.001 |
| **Sex** |  |  |  |  |  |  |
| **Males** | 2.13 (0.88) | 2.65 (0.83) | <.001 | 2.21 (0.82) | 2.69 (0.83) | <.001 |
| **Females** | 1.93 (0.83) | 2.40 (0.83) | <.001 | 1.91 (0.79) | 2.41 (0.83) | <.001 |
| **Ethnicity** |  |  |  |  |  |  |
| **White** | 2.01 (0.85) | 2.58 (0.83) | <.001 | 2.12 (0.85) | 2.59 (0.84) | <.001 |
| **Black** | 1.61 (0.67) | 2.08 (0.77) | <.001 | 1.60 (0.63) | 2.12 (0.77) | <.001 |
| **Other** | 2.38 (1.18) | 2.29 (0.81) | .68 | 1.98 (0.78 | 2.37 (0.85) | .95 |
| **Age Group** |  |  |  |  |  |  |
| **60-69**  | 2.32 (1.03) | 2.74 (0.83) | <.001 | 2.39 (0.89) | 2.77 (0.82) | <.001 |
| **70-79**  | 2.22 (0.92) | 2.50 (0.82) | <.001 | 2.13 (0.83) | 2.53 (0.81) | <.001 |
| **80+**  | 1.78 (0.70) | 2.15 (0.78) | <.001 | 1.79 (0.67) | 2.14 (0.80) | <.001 |

Grip Strength cutoffs are <16kg in females and < 26kg in males, and GS/BMI men <1.0; women <0.56. GS/BMI represents grip strength (in kilograms) divided by body mass index.