Table x-A. Correlations among Random Effects for Grip Strength and Walking Speed\*

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Female | | | Male | | |
|  | Intercepts | Slopes | Residuals | Intercepts | Slopes | Residuals |
| Einstein |  |  |  |  |  |  |
| English | 0.39\* | 0.74 | 0.01 | 0.28\* | 0.43 | 0.01 |
| HRS | 0.20 | 0.12 | 0.02 | 0.16 | 0.07 | 0.05 |
| ILSE | -0.01 | 0.49 | 0.11 | 0.50 | 0.83 | -0.14 |
| LASA | -0.28 | -0.50 | 0.01 | -0.45 | -0.32 | -0.04 |
| MAP | 0.30\* | -0.47 | -0.01 | 0.27\* | 0.35 | 0.002 |
| NuAge | -0.18\*/-0.27\* | -0.10/-0.26 | -0.04/-0.01 | -0.20\*/-0.25\* | -0.25/-0.24\* | -0.05\*/-0.04 |
| Octo-Twin | -- | -- | -- | -- | -- | -- |
|  |  |  |  |  |  |  |

\* Timed-up-and-go in ILSE and NuAge.

Note: Controlling for Baseline Age, education, height, smoking, cardiovascular illness, and diabetes.

Table x-B. Correlations among Intercepts for physical function variables

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | F |  |  | M |  |
|  | Grip strength-Walking speed | Grip-strength—Pulmonary | Pulmonary- Walking Speed | Grip strength-Walking speed | Grip-strength—Pulmonary | Pulmonary- Walking Speed |
| Einstein |  |  |  |  |  |  |
| English | 0.39\* | 0.21\* | 0.18\* | 0.28\* | 0.18\* | 0.22\* |
| HRS | 0.20 | 0.29\* | 0.28\* | 0.16 | 0.11 | 0.30\* |
| ILSE | /-0.01 | -- | -- | / 0.50 |  |  |
| LASA | 0.28 | 0.30\* | -0.29\* | -0.45 | 0.23\* | -0.29\* |
| MAP | 0.30\* | 0.12\* | 0.24\* | 0.27\* | 0.29\* | 0.22\* |
| NuAge | -0.18\*/-0.27\* | -- | -- | -0.20\*/-0.25\* | -- | -- |
| Octo-Twin | -- | 0.37\* | -- | -- | 0.15 | -- |
|  |  |  |  |  |  |  |

Table x-C. Correlations among Intercepts for physical function variables

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Grip strength-Walking speed | | Grip-strength—Pulmonary | | Pulmonary- Walking Speed | |
|  | F | M | F | M | F | M |
| Einstein |  |  |  |  |  |  |
| ELSA | 0.39\* | 0.28\* | 0.21\* | 0.18\* | 0.18\* | 0.22\* |
| HRS | 0.20 | 0.16 | 0.29\* | 0.11 | 0.28\* | 0.30\* |
| ILSE | -0.01 | 0.50 | -- |  | -- |  |
| LASA | 0.28 | -0.45 | 0.30\* | 0.23\* | -0.29\* | -0.29\* |
| MAP | 0.30\* | 0.27\* | 0.12\* | 0.29\* | 0.24\* | 0.22\* |
| NuAge | -0.18\*/-0.27\* | -0.20\*/-0.25\* | -- | -- | -- | -- |
| Octo-Twin | -- | -- | 0.37\* | 0.15 | -- | -- |
|  |  |  |  |  |  |  |