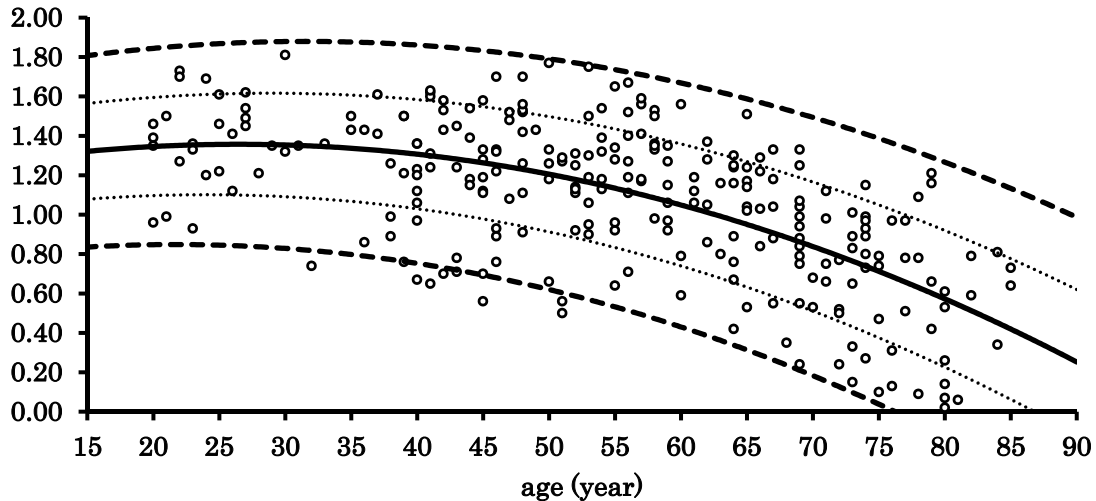
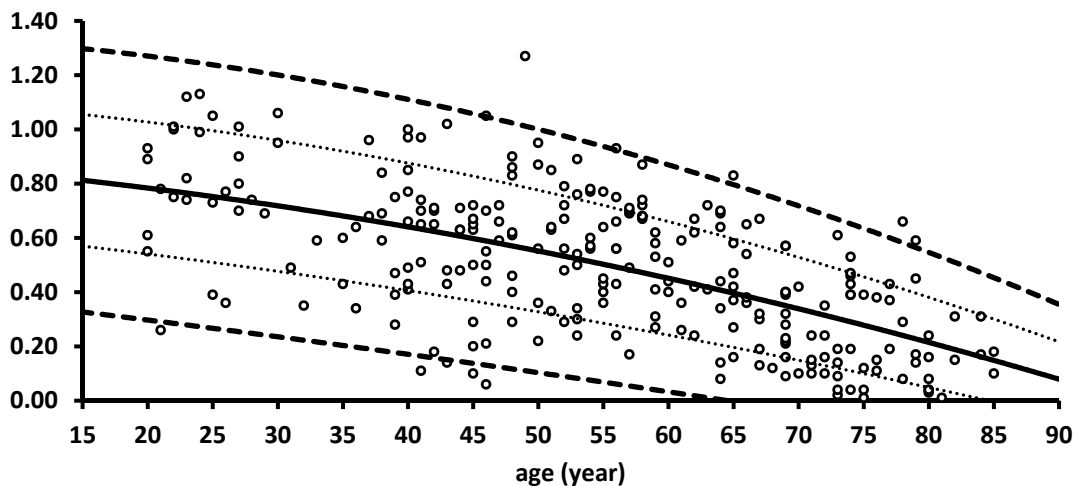


Supplementary Information



Supplementary Figure S1. Correlations of age with eye-opened IPS on foam rubber.

Scatterplot showing dynamic balance values in healthy individuals ($n = 256$). Lines depict mean, 68th, and 95th percentiles. Based on these data, age-predicted eye-opened IPS is calculated by $-0.0003 \times \text{age}^2 + 0.0145 \times \text{age} + 1.1602$.



Supplementary Figure S2. Correlations of age with eye-closed IPS on foam rubber.

Scatterplot showing dynamic balance values in healthy individuals ($n = 256$). Lines depict mean, 68th, and 95th percentiles. Based on these data, age-predicted eye-closed IPS is calculated by $-0.00006 \times \text{age}^2 - 0.0037 \times \text{age} + 0.8805$.