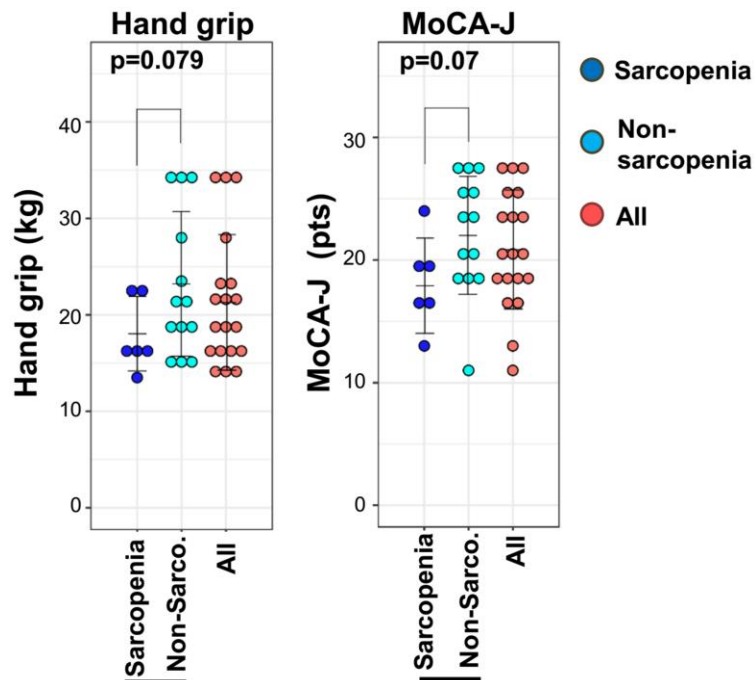
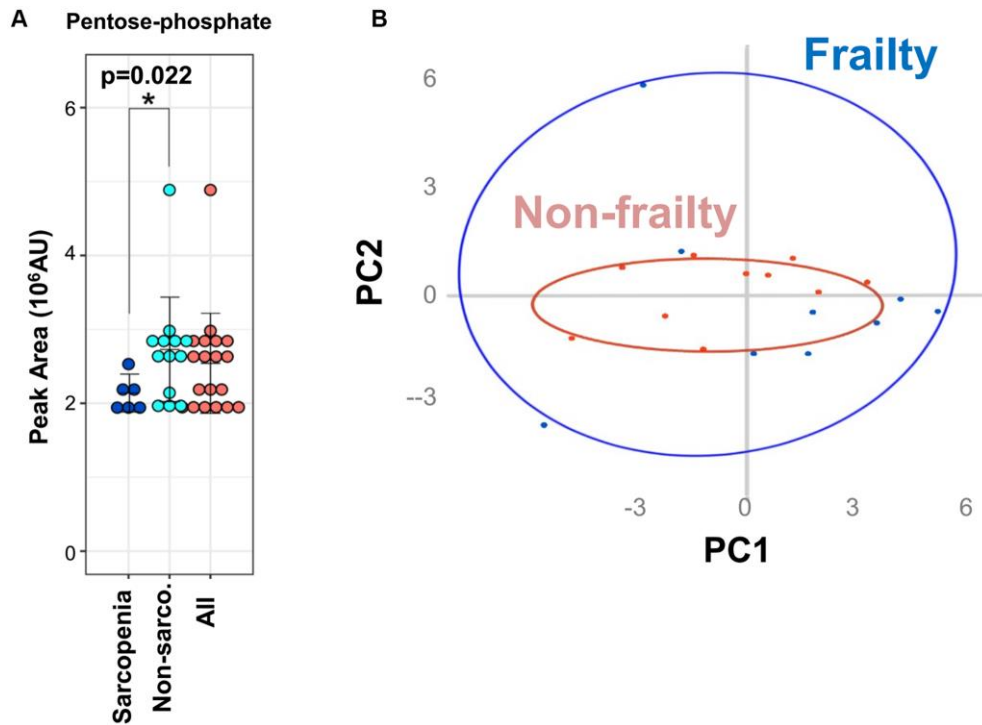


SUPPLEMENTARY FIGURES



Supplementary Figure 1. Supplemental clinical data between sarcopenia and non-sarcopenia. Comparison of handgrip strength (left panel) and MoCA-J (right panel) between sarcopenia and non-sarcopenia were shown.



Supplementary Figure 3. Pentose-phosphates as sarcopenic markers and PCA for frailty using sarcopenia markers. (A) Pentose-phosphates were significantly decreased in sarcopenia. Error bars represent means \pm SD. Asterisks indicate significant difference ($*p < 0.05$). **(B)** PCA with 22 sarcopenia markers did not distinguish frailty patients from non-frailty controls.