

Supplementary material

Comparative Figures (ages 5–19 y)

Percentile overlays (P3–P97): shaded bands + median for external references vs Federal Territory Sirius (median, IQR, P3–P97). Methods differ (InBody 770, multi-frequency standing 8-electrode vs wrist–ankle supine configurations in national data; Medass ABC-01); therefore, comparisons are descriptive and not directly interchangeable. Odd figures: girls; even figures: boys.

S1–S2 (Weight-for-age, girls/boys, 5–19 y). Percentile overlays (P3–P97): WHO shaded bands + median vs Federal Territory Sirius (median, IQR, P3–P97).

S3–S4 (Height-for-age, girls/boys, 5–19 y). Same coding as S1–S2.

S5–S6 (BMI-for-age, girls/boys, 5–19 y; percentile view). Complementary to the main-text WHO SD-band figures.

S7–S8 (BMI-for-age, girls/boys, 5–19 y). Russia national references (Rudnev et al., 2014) vs Federal Territory Sirius (P3–P97).

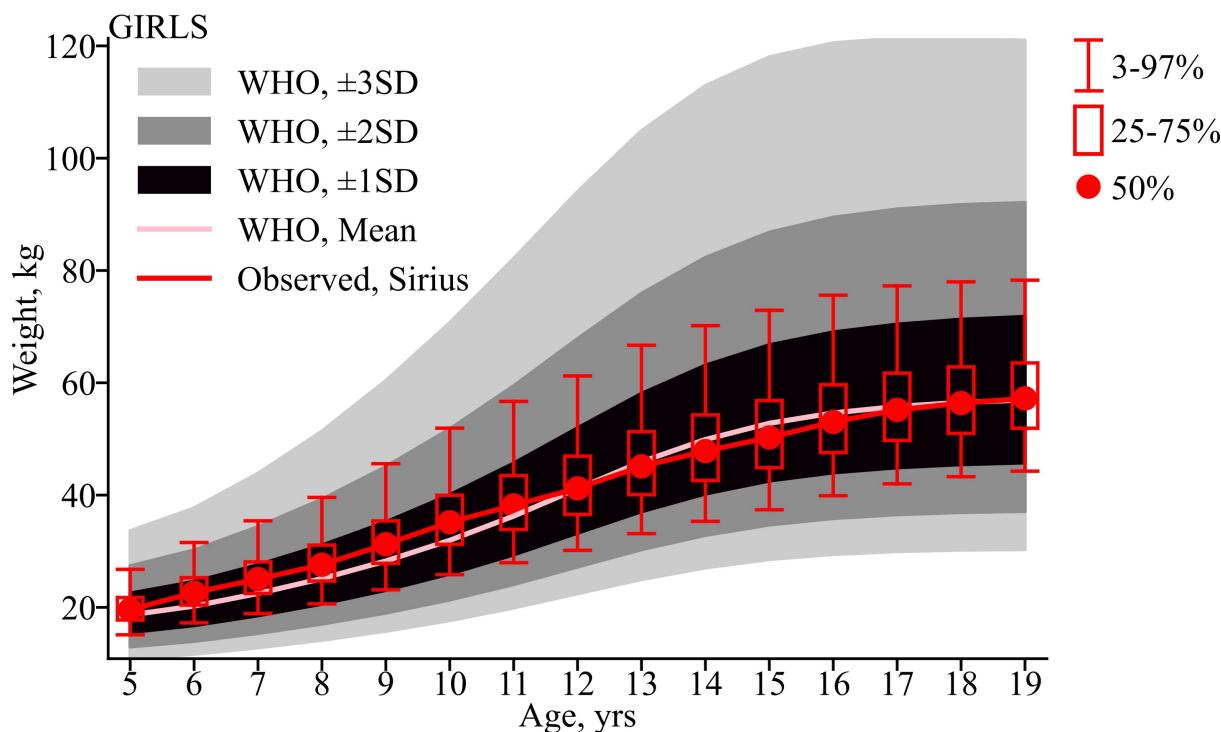
S9–S10 (Height-for-age, girls/boys, 5–19 y). Russia national vs Federal Territory Sirius (P3–P97).

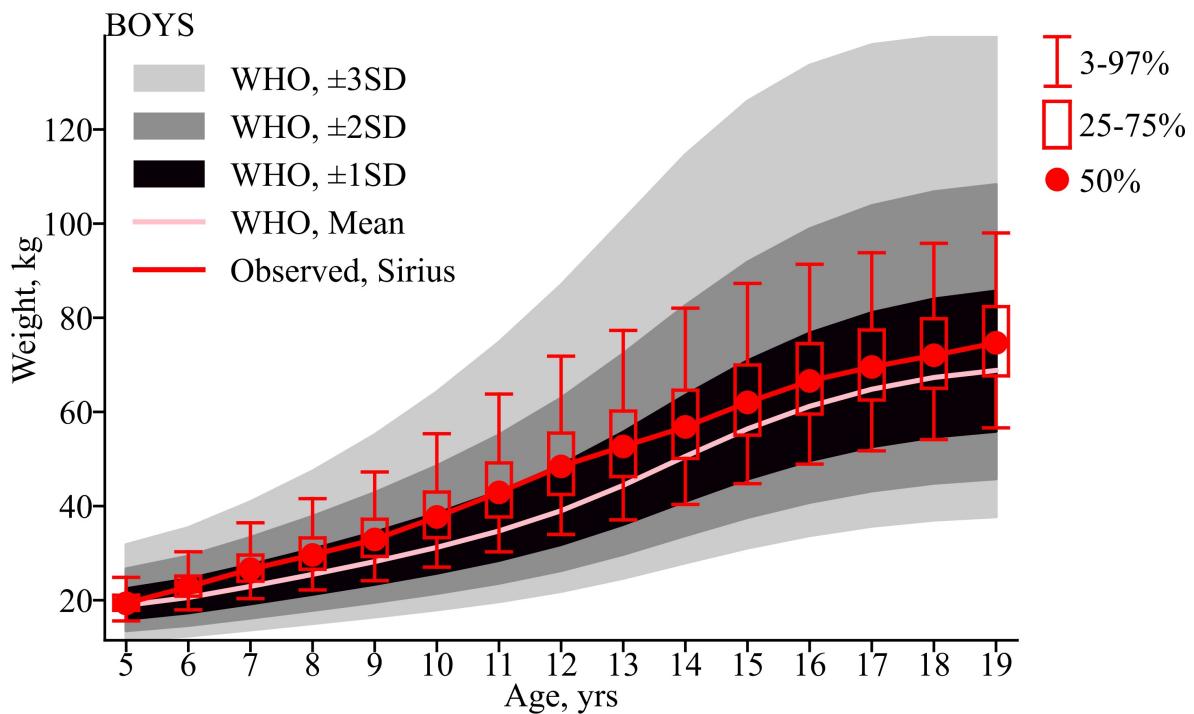
S11–S12 (Weight-for-age, girls/boys, 5–19 y). Russia national vs Federal Territory Sirius (P3–P97).

S13–S14 (Phase angle, °, girls/boys, 5–19 y). Russia national vs Federal Territory Sirius (P3–P97).

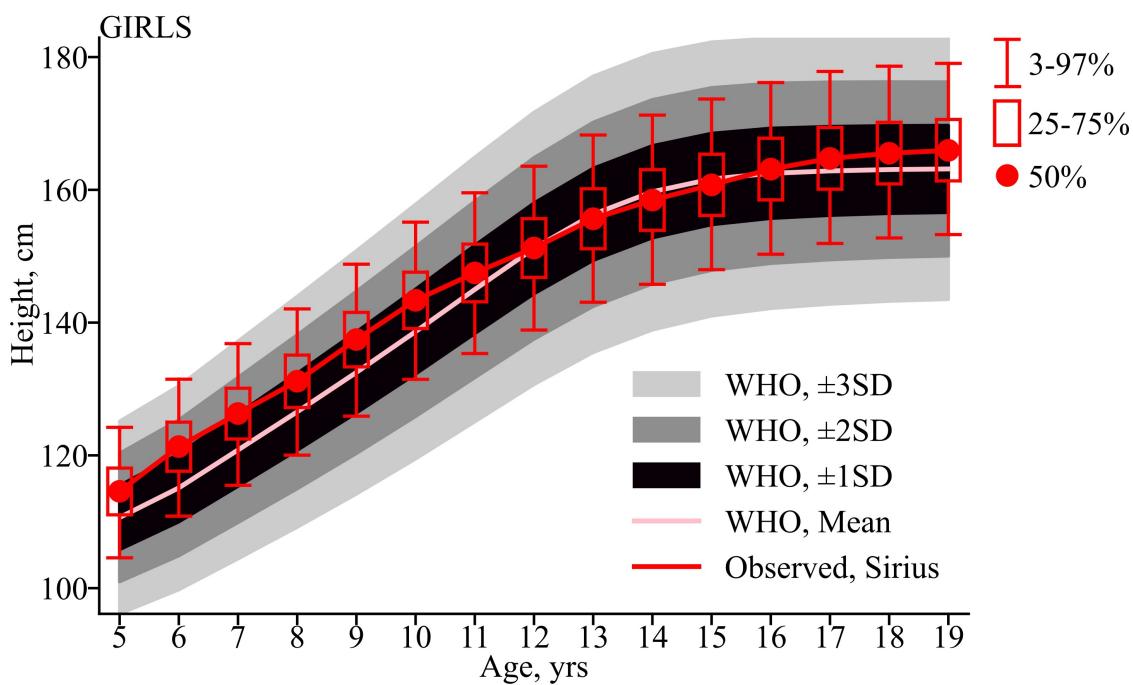
S15–S16 (SMM, kg, girls/boys, 5–19 y). Russia national vs Federal Territory Sirius (P3–P97).

S17–S18 (Fat mass, kg, girls/boys, 5–19 y). Russia national vs Federal Territory Sirius (P3–P97).

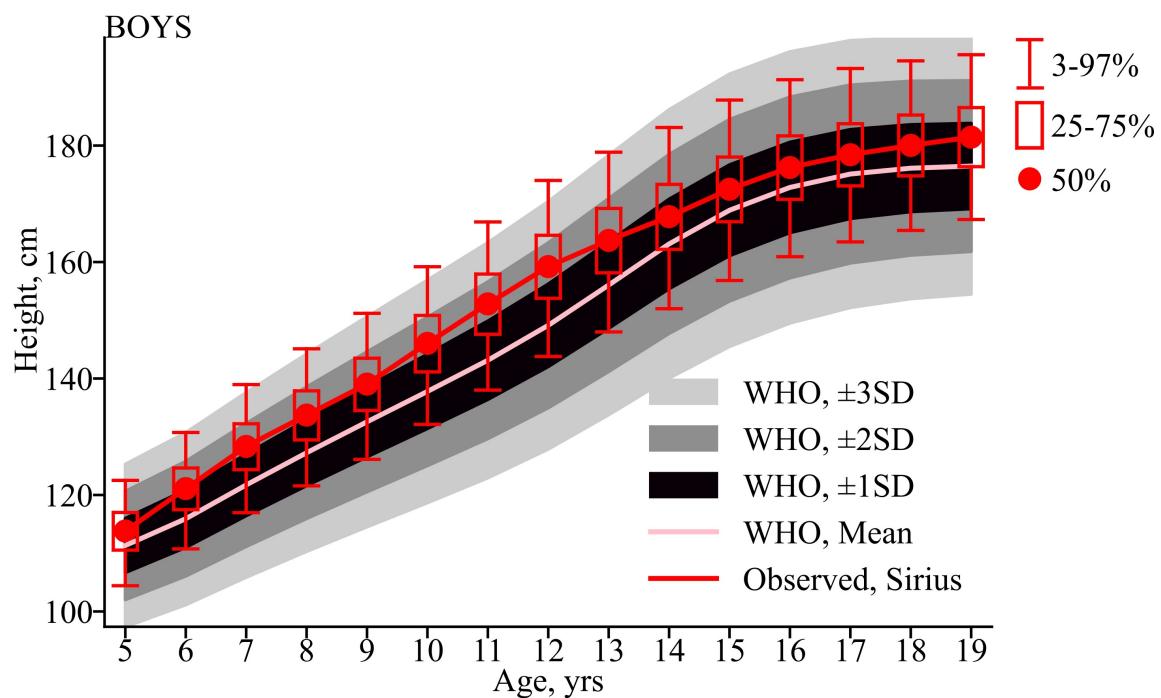




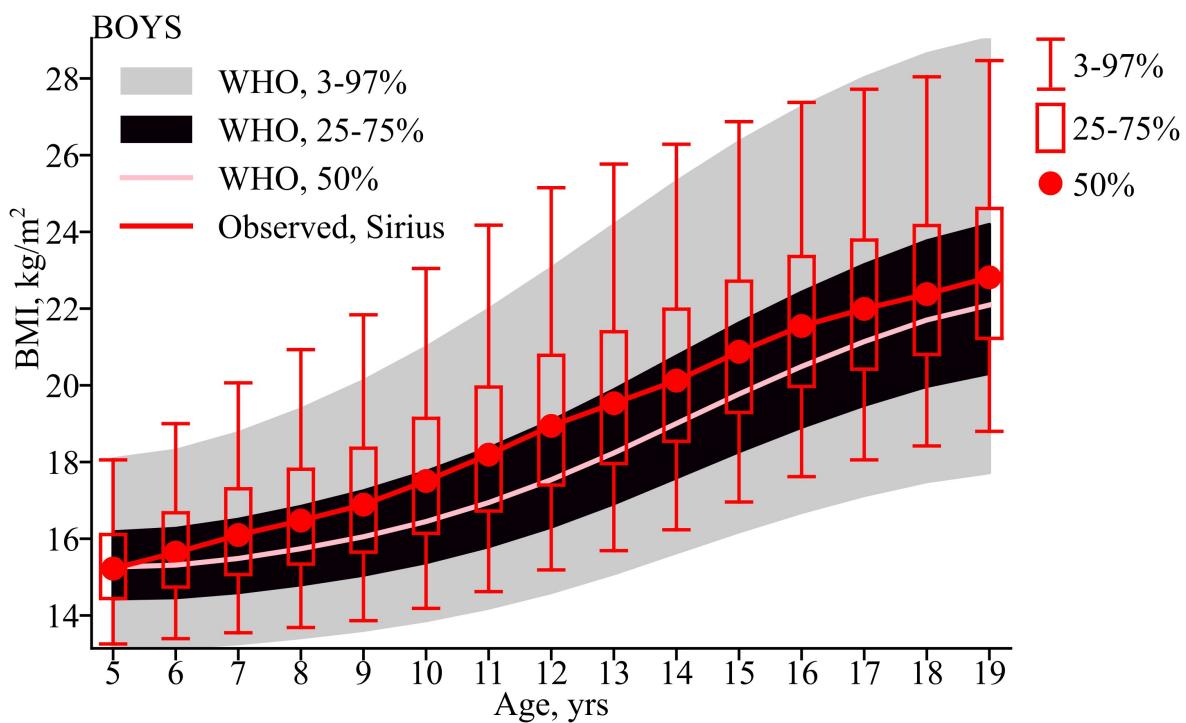
S2



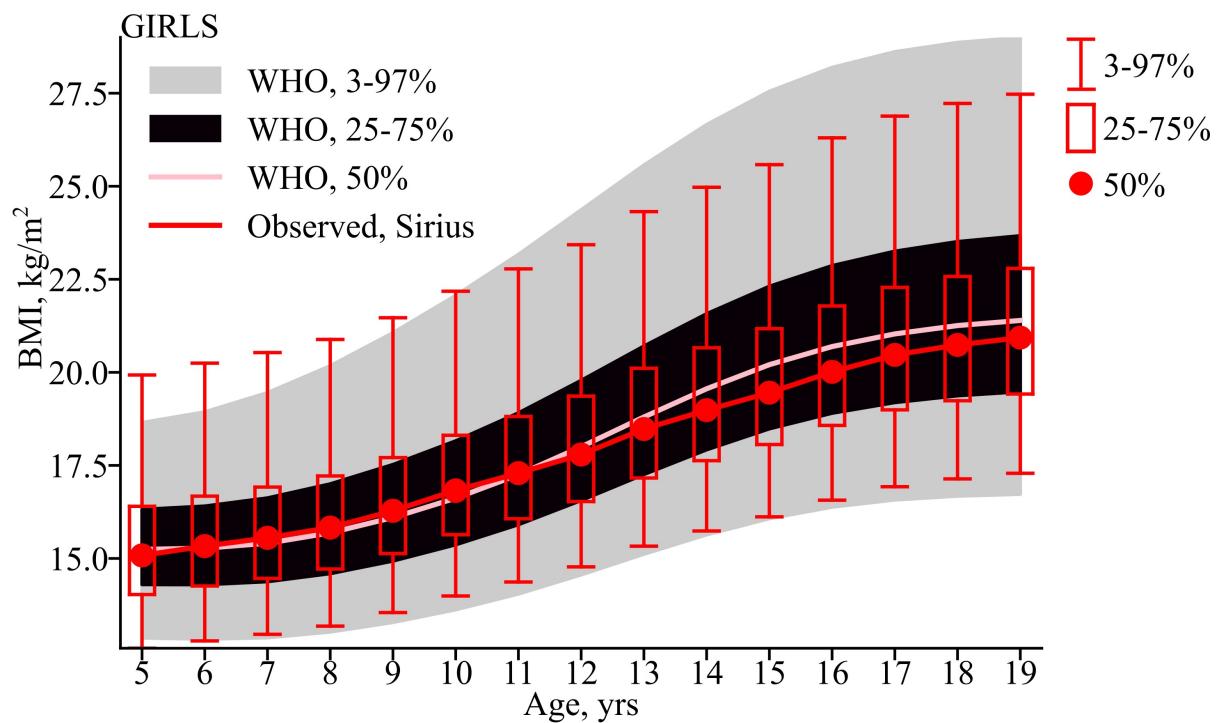
S3



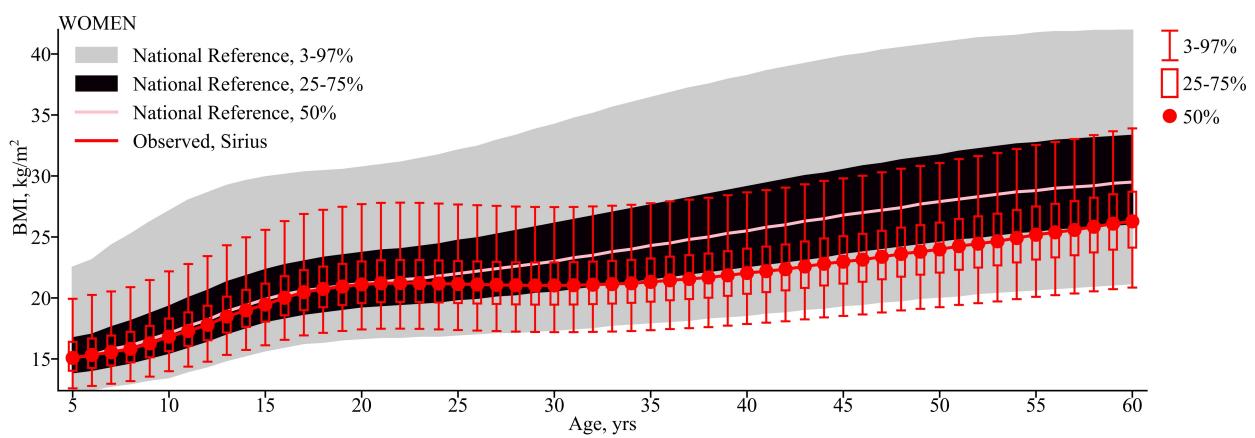
S4



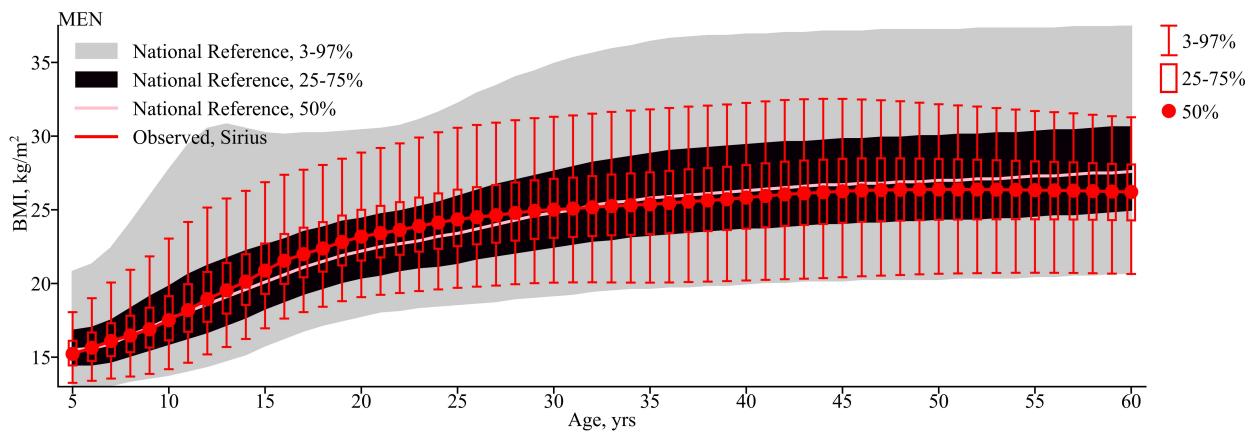
S5



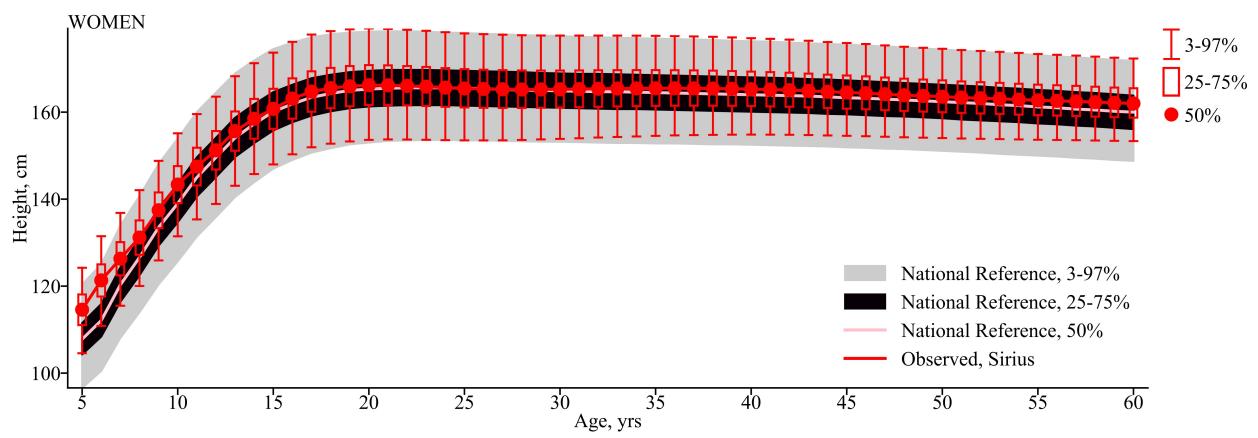
S6



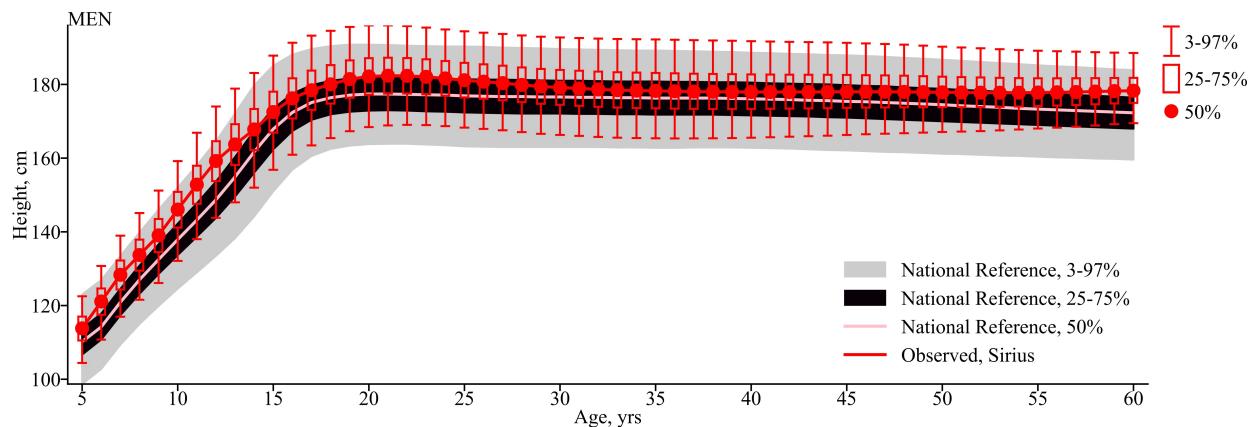
S7



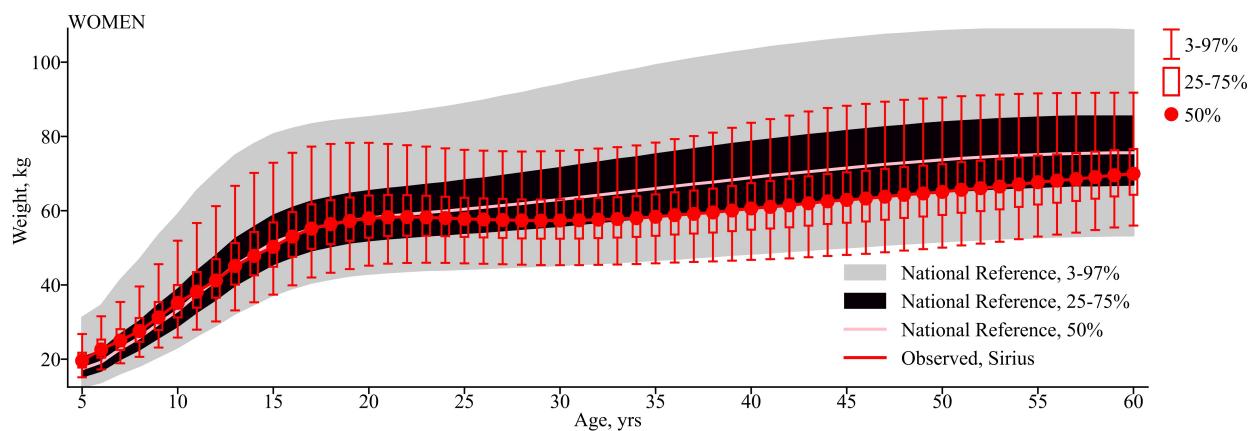
S8



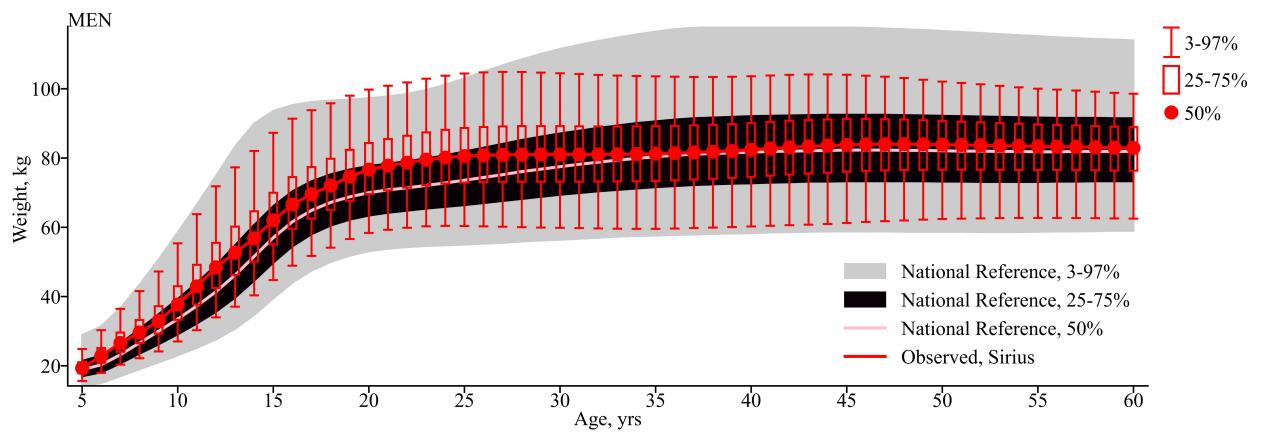
S9



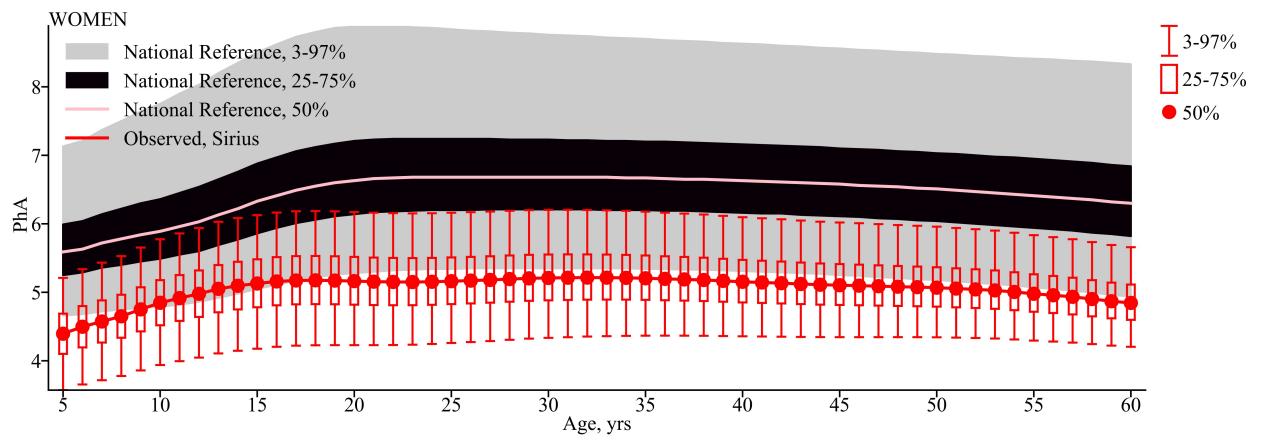
S10



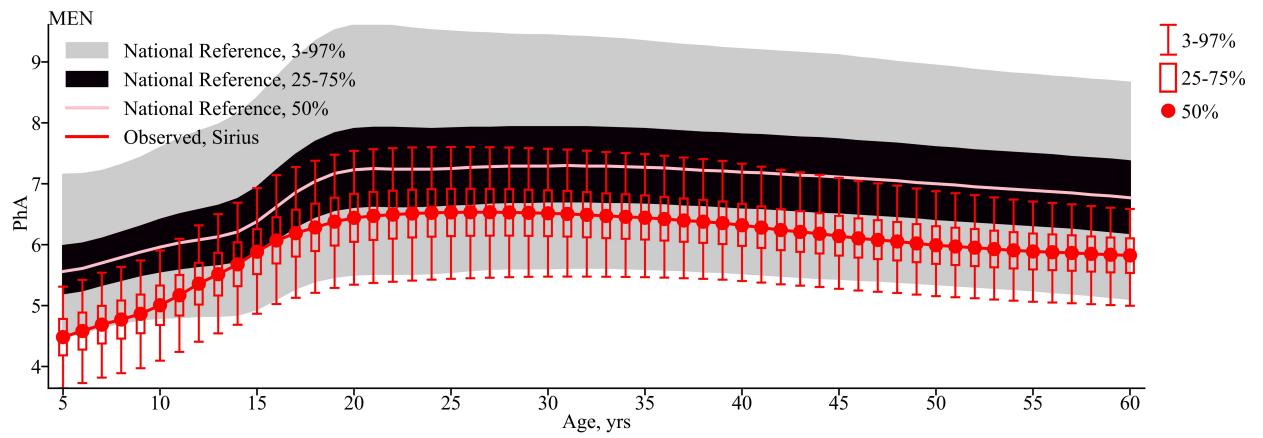
S11



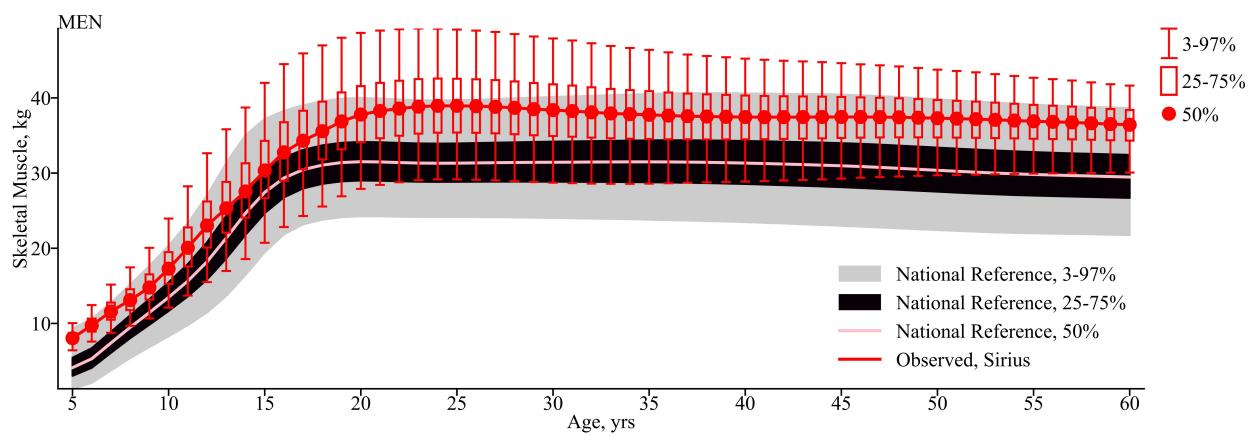
S12



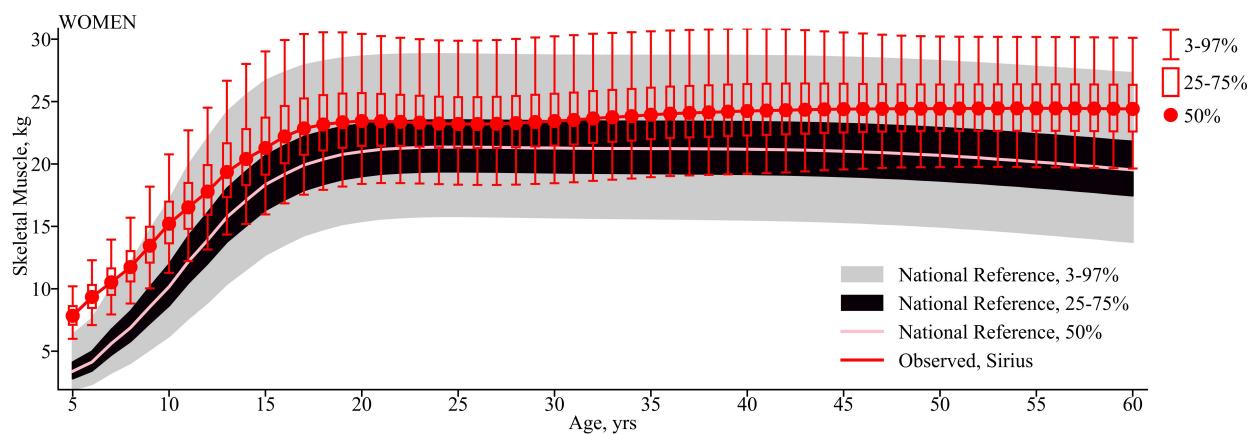
S13



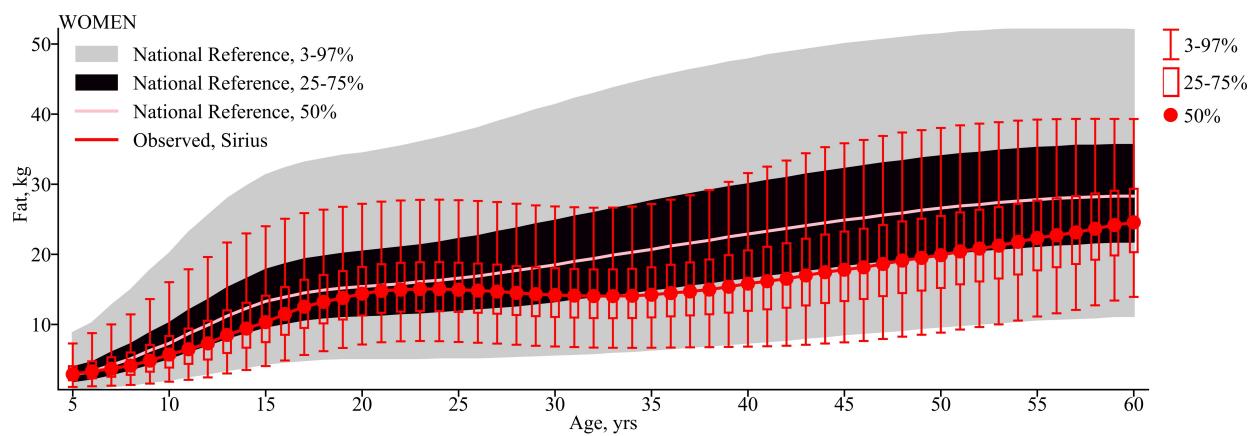
S14



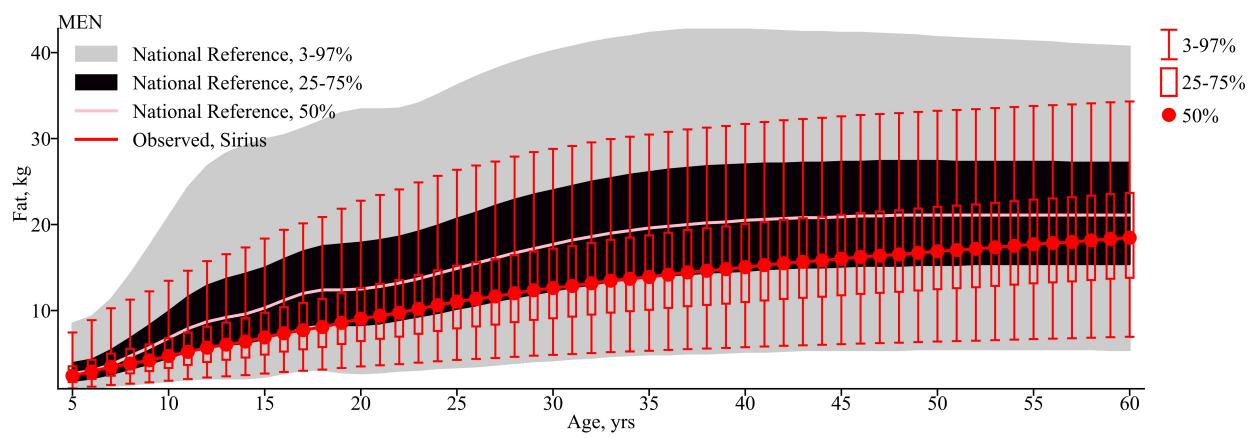
S15



S16



S17



S18