OrganAge-v4 – Subject-Level Organ Aging Profile
Subject: GTEX-1NV8Z

Global Metrics
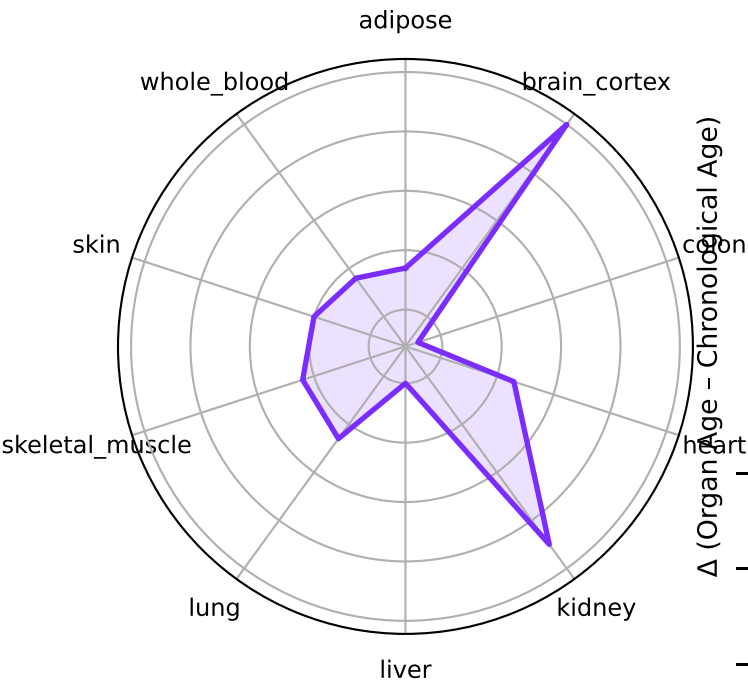
How to read this profile:

Chronological age: 64.5 years
Composite biological age (weighted): 54.3 years
Composite delta (bio - chrono): -10.2 years
Composite z-score: -0.86
Organs modeled: 10
Organs with |z| ≥ 2: 0
Mean |organ z| (organ-age burden): 0.87

- Each organ's biological age is predicted from multi-modal embeddings (transcriptomics + imaging) and calibrated against organ-specific normative curves.
- Negative Δ indicates an organ is biologically younger than expected for this chronological age; positive Δ indicates accelerated aging.
- Z-scores express this deviation in units of standard deviation relative to the healthy reference distribution.
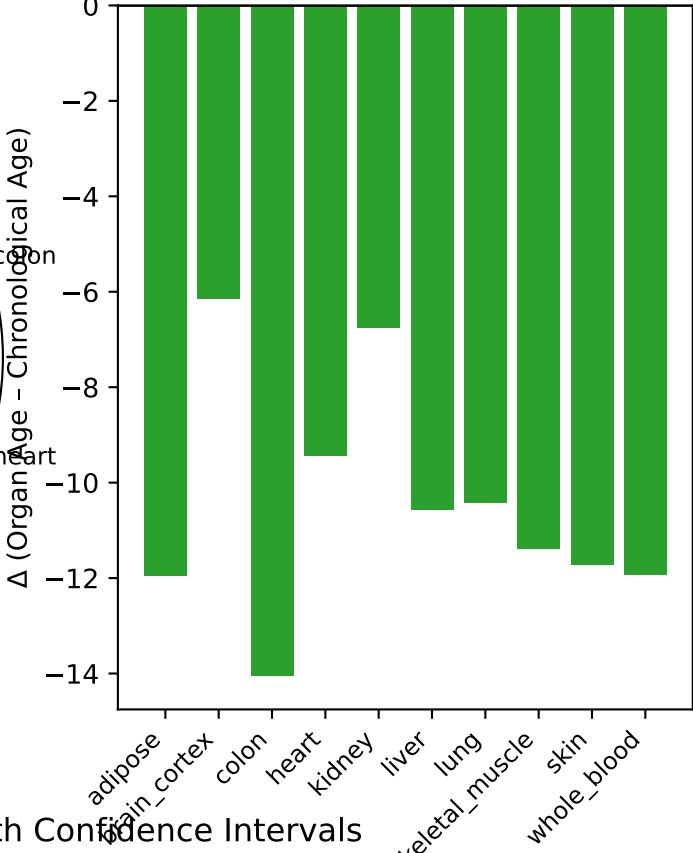
organ	age_pred_cal	age_delta_cal	zscore_cal	ci_lower	ci_upper
adipose	52.54	-11.96	-0.93	24.5	64.99
brain_cortex	58.36	-6.14	-0.6	36.58	74.04
colon	50.45	-14.05	-1.04	24.11	64.5
heart	55.07	-9.43	-0.87	33.6	65.35
kidney	57.74	-6.76	-0.65	36.02	73.23
liver	53.93	-10.57	-1.0	34.19	64.5
lung	54.07	-10.43	-0.87	26.47	66.48
skeletal_muscle	53.11	-11.39	-0.88	24.5	67.21
skin	52.78	-11.72	-0.9	24.5	64.5
whole_blood	52.56	-11.94	-0.92	24.04	66.3

OrganAge-v4 – Visualization Panel (Ready for Poster)