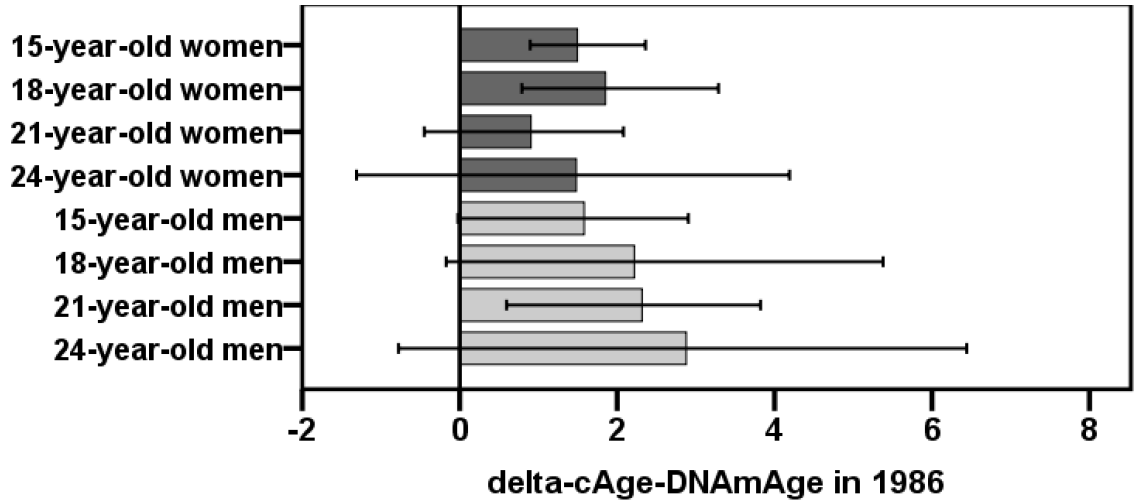
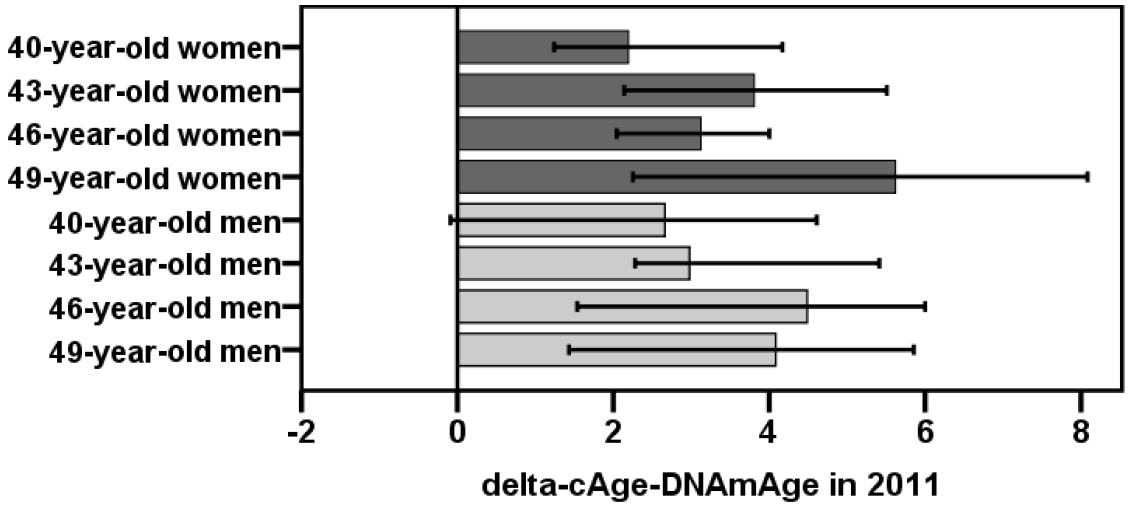
ADDITIONAL MATERIAL (2)

Supplementary Table 1. The summary of DNAmAge values among samples collected in YFS in 1986 and 2011. The values were categorized by cAge and gender. The gender-wise differences in DNAmAge values within the cAge groups did not meet statistical significance (Mann Whitney U-test, P>0.05).

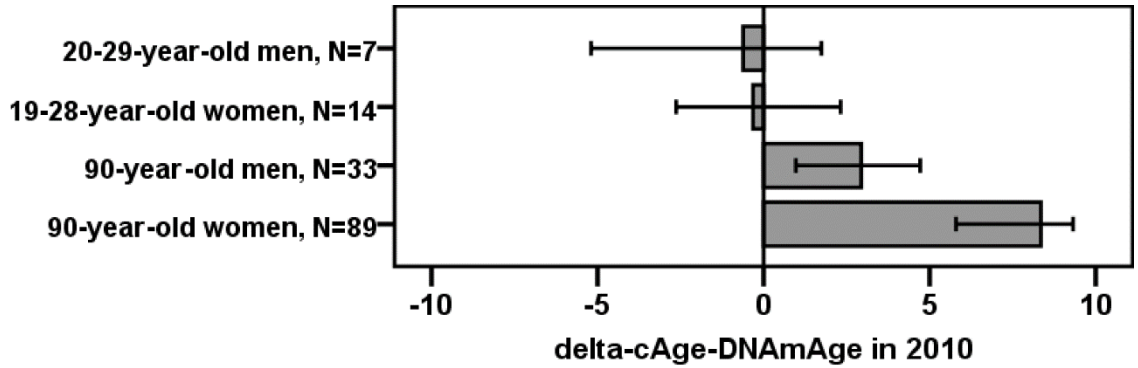
	YFS in 1986				**YFS in 2011**			
cAge	**15**	**18**	**21**	**24**	**40**	**43**	**46**	**49**
N (N, women)	49 (29)	44 (30)	55 (31)	35 (21)	49 (29)	44 (30)	55 (31)	35 (21)
median (MAD) of DNAmAge values, men	13.42 (2.35)	15.78 (1.70)	18.68 (2.57)	21.12 (5.14)	37.34 (3.82)	40.02 (1.21)	41.51 (3.62)	44.92 (2.71)
median (MAD) of DNAmAge values, women	13.50 (1.21)	16.15 (2.84)	20.09 (2.40)	22.52 (4.28)	37.81 (2.93)	39.19 (3.44)	42.88 (2.07)	43.38 (4.83)



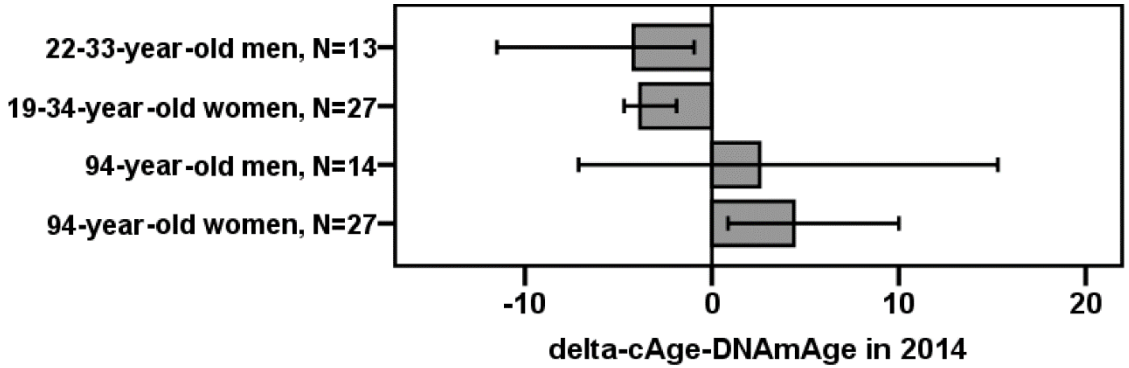
Supplementary figure 1. The differences between cAge and DNAmAge (Δ-cAge-DNAmAge) in the Young Finns study among samples collected in 1986 are shown as bars. Sample origin was whole blood leukocytes. Each bar illustrate gender-wise median of Δ-cAge-DNAmAge within a cAge group. Error bars correspond to 95% confidence intervals.



Supplementary figure 2. The differences between cAge and DNAmAge (Δ-cAge-DNAmAge) in the Young Finns study among samples collected in 2011 are shown as bars. Sample origin was whole blood leukocytes. Each bar illustrate gender-wise median of Δ-cAge-DNAmAge within a cAge group. Error bars correspond to 95% confidence intervals.



Supplementary figure 3. The differences between cAge and DNAmAge (Δ-cAge-DNAmAge) in the Vitality 90+ study among samples collected in 2010 are shown as bars. Sample origin was peripheral blood mononuclear cells. Each bar illustrate gender-wise median of Δ-cAge-DNAmAge within a cAge group. Error bars correspond to 95% confidence intervals.



Supplementary figure 4. The differences between cAge and DNAmAge (Δ-cAge-DNAmAge) in the Vitality 90+ study among samples collected in 2014 are shown as bars. Each bar illustrate gender-wise median of Δ-cAge-DNAmAge within a cAge group. Sample origin was peripheral blood mononuclear cells. Error bars correspond to 95% confidence intervals.