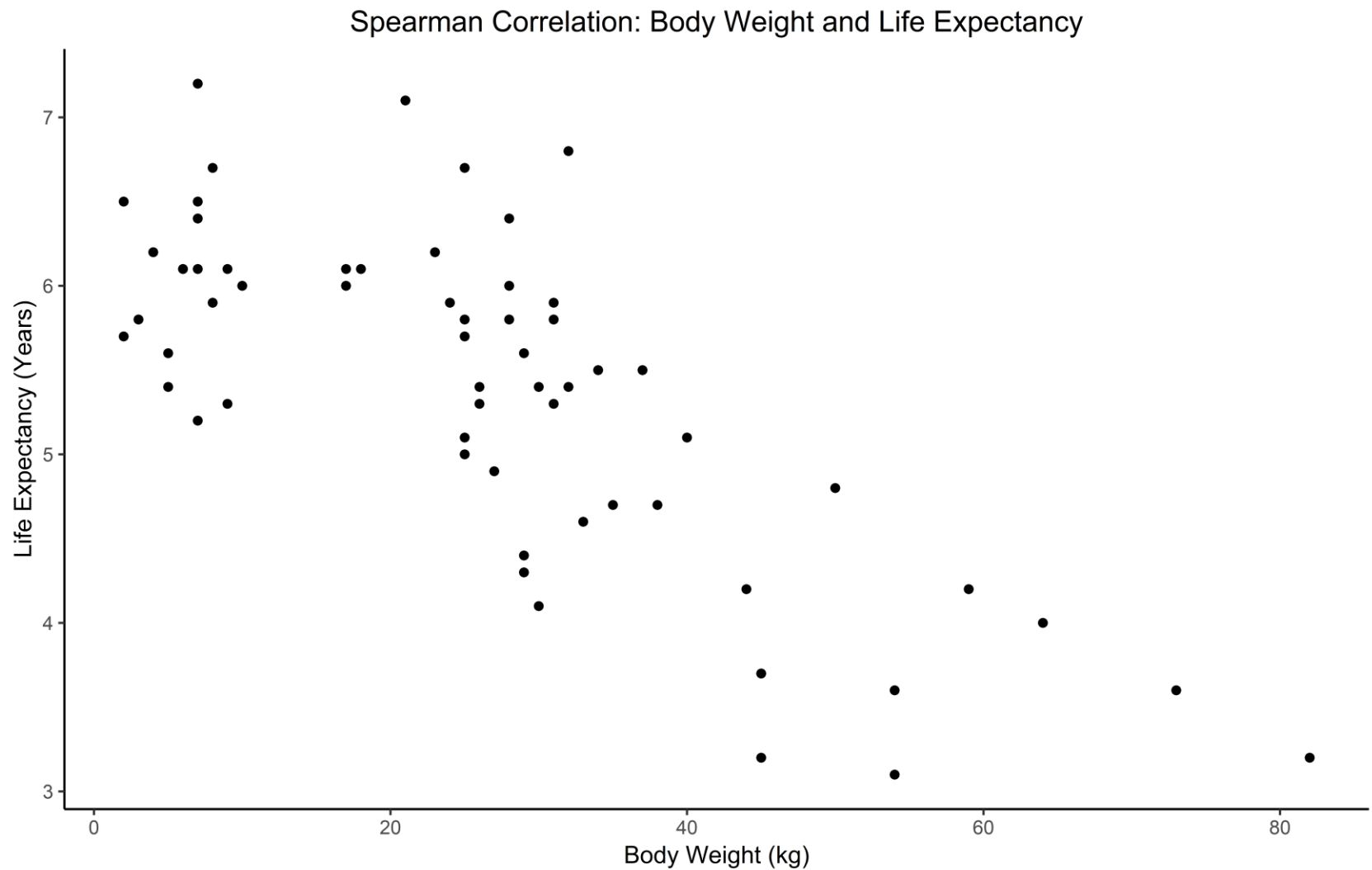


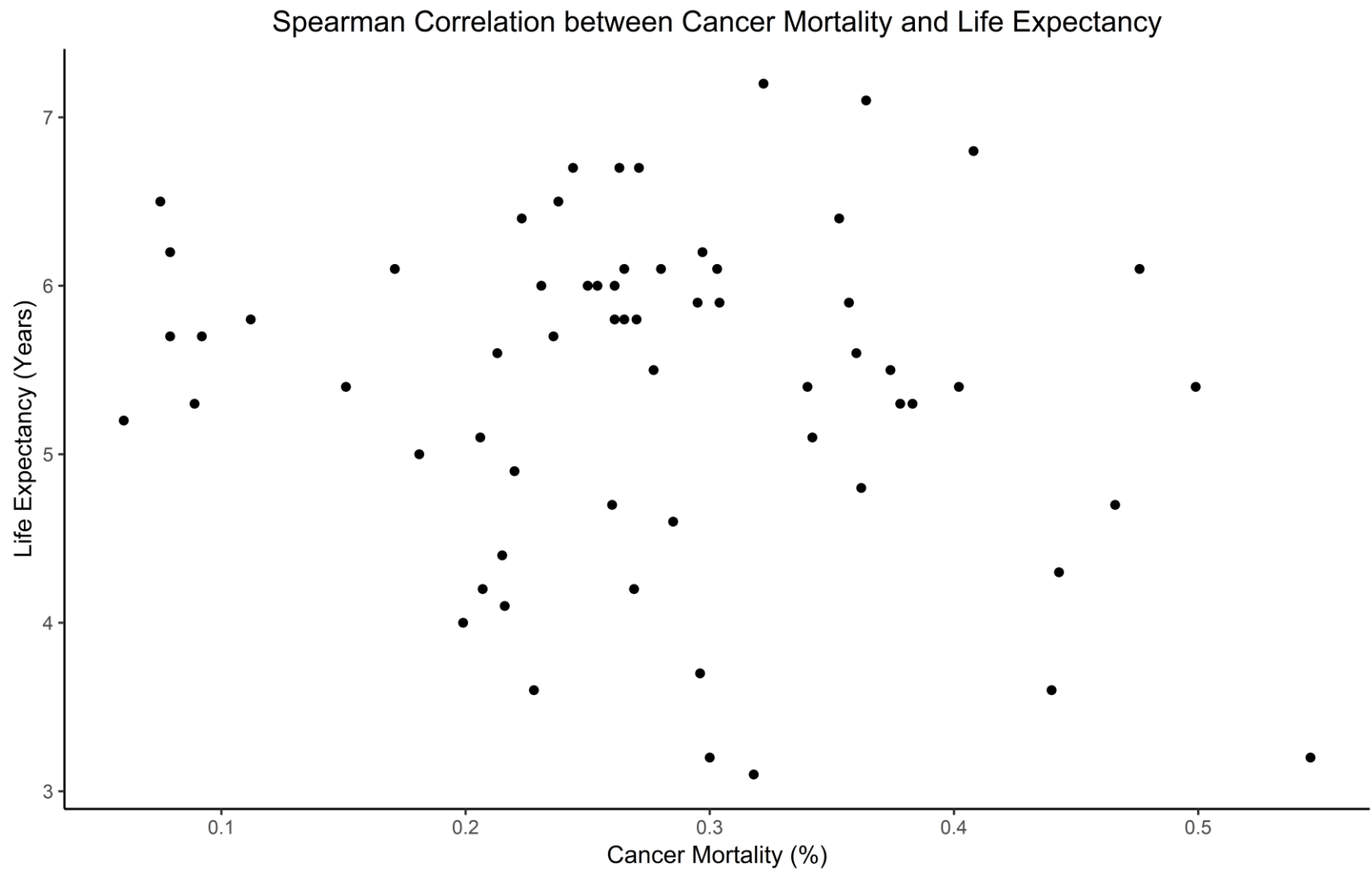
Supplementary Figure 1a.

Spearman correlation: Raw cancer mortality (i.e. cancer mortality rate before linear regression with body weight) versus body weight ($R = 0.501$; $P = 2.9E-05$).



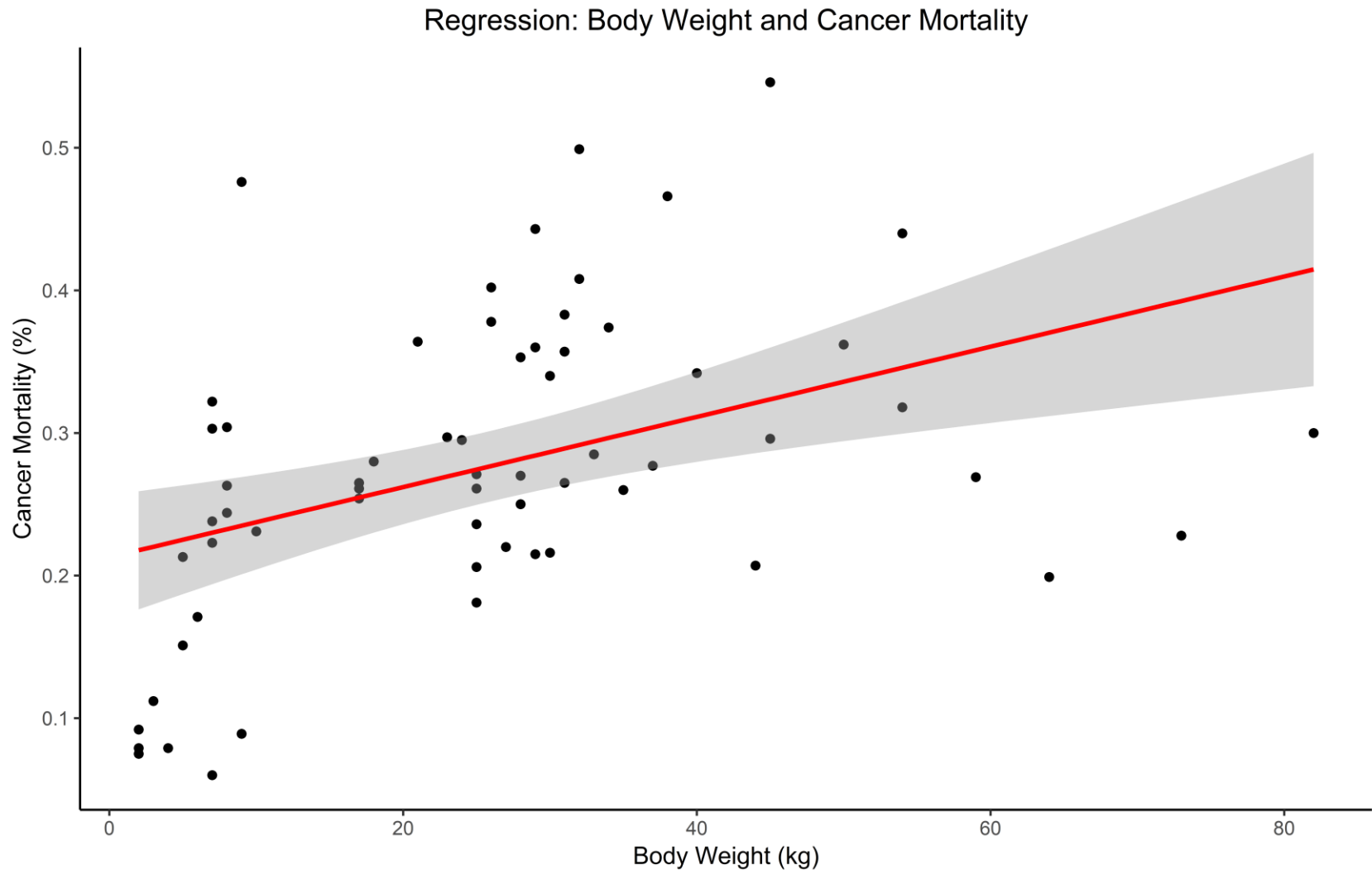
Supplementary Figure 1b.

Spearman correlation: Life expectancy versus body weight ($R = -0.68$; $P = 6.73E-10$).



Supplementary Figure 1c.

Spearman correlation: Life expectancy versus raw cancer mortality (i.e. cancer mortality rate before linear regression with body weight) ($R = -0.06$; $P = 0.63$).



Supplementary Figure 1d.

Linear Regression: Raw cancer mortality (i.e. cancer mortality rate before linear regression with body weight) versus body weight ($R = 0.413$; $P = 7.7E-04$).

