Body Weight Modeled as a Logistic Function

Body weight data were obtained from McDowell *et al*.(2005). Weights for males

and females were averaged and the average was fit to the following equation using

Levenberg-Marquardt algorithm implemented in MS-Excel.

The fitted coefficients were as follows: P1 = 83; P2 = -3.87E-05; P3 = 1.52E-08;

P4 = 2.32; P5 = -0.0187. The data and fitted curve are shown below:

**Supplementary Figure. Fit of body weight function to the data of McDowell *et al*.**

**(2005)**

